Astrodienst Ephemeris Tables

from the year 1450 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

JANUARY 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 48 53	28♐39'16	6♓48	2♐46	14♒35	17♈26	15°R 5	21♒40	13♐47	9♑33	20♏31	26°R11	25♏ 4	12♒48	n.a.	S 1
S 2	5 52 50	29°39'57	18°45	3°45	15°40	17°44	14♊57	21°46	13°50	9°36	20°33	26♏ 9	25° 1	12°55	n.a.	S 2
M 3	5 56 47	0♑40'37	0♈52	4°47	16°44	18° 3	14°50	21°52	13°54	9°38	20°35	26°D 8	24°58	13° 2	n.a.	M 3
T 4	6 0 43	1°41'14	13°14	5°51	17°49	18°22	14°42	21°58	13°57	9°40	20°37	26° 9	24°55	13° 8	n.a.	T 4
W 5	6 4 40	2°41'50	25°54	6°58	18°52	18°41	14°35	22° 4	14° 1	9°42	20°38	26°10	24°51	13°15	n.a.	W 5
T 6	6 8 36	3°42'23	8♉58	8° 6	19°56	19° 1	14°28	22° 9	14° 4	9°45	20°40	26°12	24°48	13°22	n.a.	T 6
F 7	6 12 33	4°42'55	22°28	9°17	20°59	19°21	14°21	22°16	14° 7	9°47	20°42	26°R13	24°45	13°29	n.a.	F 7
S 8	6 16 29	5°43'25	6♊26	10°29	22° 2	19°42	14°14	22°22	14°11	9°49	20°43	26°12	24°42	13°35	n.a.	S 8
S 9	6 20 26	6°43'53	20°50	11°43	23° 5	20° 3	14° 7	22°28	14°14	9°52	20°45	26°10	24°39	13°42	n.a.	S 9
M10	6 24 22	7°44'19	5♋36	12°59	24° 7	20°24	14° 0	22°34	14°17	9°54	20°47	26° 6	24°36	13°49	n.a.	M10
T 11	6 28 19	8°44'43	20°37	14°16	25° 9	20°46	13°53	22°40	14°21	9°56	20°48	26° 0	24°32	13°56	n.a.	T 11
W12	6 32 16	9°45'05	5♌42	15°35	26°10	21° 8	13°47	22°47	14°24	9°58	20°50	25°53	24°29	14° 2	n.a.	W12
T 13	6 36 12	10°45'26	20°44	16°55	27°11	21°30	13°40	22°53	14°27	10° 1	20°51	25°47	24°26	14° 9	n.a.	T 13
F 14	6 40 9	11°45'44	5♍32	18°17	28°11	21°52	13°34	22°59	14°30	10° 3	20°53	25°41	24°23	14°16	n.a.	F 14
S 15	6 44 5	12°46'02	20° 0	19°40	29°11	22°15	13°28	23° 6	14°34	10° 5	20°54	25°36	24°20	14°22	n.a.	S 15
S 16	6 48 2	13°46'17	4♎ 5	21° 4	0♓11	22°38	13°22	23°13	14°37	10° 7	20°56	25°34	24°16	14°29	n.a.	S 16
M17	6 51 58	14°46'31	17°47	22°30	1°10	23° 2	13°16	23°19	14°40	10°10	20°57	25°D34	24°13	14°36	n.a.	M17
T 18	6 55 55	15°46'43	1♏ 6	23°56	2° 9	23°25	13°10	23°26	14°43	10°12	20°59	25°35	24°10	14°43	n.a.	T 18
W19	6 59 51	16°46'53	14° 5	25°24	3° 7	23°49	13° 4	23°33	14°46	10°14	21° 0	25°36	24° 7	14°49	n.a.	W19
T 20	7 3 48	17°47'02	26°48	26°53	4° 5	24°14	12°59	23°39	14°49	10°17	21° 2	25°R36	24° 4	14°56	n.a.	T 20
F 21	7 7 45	18°47'09	9♐17	28°23	5° 2	24°38	12°53	23°46	14°52	10°19	21° 3	25°35	24° 1	15° 3	n.a.	F 21
S 22	7 11 41	19°47'14	21°36	29°54	5°58	25° 3	12°48	23°53	14°55	10°21	21° 4	25°32	23°57	15° 9	n.a.	S 22
S 23	7 15 38	20°47'18	3♑46	1♑27	6°55	25°28	12°43	24° 0	14°58	10°23	21° 6	25°26	23°54	15°16	n.a.	S 23
M24	7 19 34	21°47'19	15°50	3° 0	7°50	25°53	12°38	24° 7	15° 1	10°26	21° 7	25°17	23°51	15°23	n.a.	M24
T 25	7 23 31	22°47'18	27°49	4°35	8°45	26°19	12°34	24°14	15° 4	10°28	21° 8	25° 7	23°48	15°30	n.a.	T 25
W26	7 27 27	23°47'15	9♒43	6°11	9°39	26°44	12°29	24°21	15° 7	10°30	21° 9	24°55	23°45	15°36	n.a.	W26
T 27	7 31 24	24°47'10	21°36	7°47	10°33	27°10	12°25	24°28	15°10	10°32	21°10	24°43	23°42	15°43	n.a.	T 27
F 28	7 35 20	25°47'03	3♓27	9°25	11°26	27°36	12°21	24°35	15°13	10°34	21°12	24°32	23°38	15°50	n.a.	F 28
S 29	7 39 17	26°46'53	15°20	11° 5	12°18	28° 3	12°17	24°42	15°16	10°37	21°13	24°23	23°35	15°57	n.a.	S 29
S 30	7 43 14	27°46'41	27°17	12°45	13° 9	28°30	12°13	24°49	15°19	10°39	21°14	24°16	23°32	16° 3	n.a.	S 30
M31	7 47 10	28♑46'26	9♈23	14♑26	14♓ 0	28♈56	12♊ 9	24♒57	15♐22	10♑41	21♏15	24♏12	23♏29	16♒10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	4s26	5n 7	19s48	1n18	17s18	0s34	8n21	1n30	23n23	0n23	16s36	2s11	23s 4	0s13	23s43	0s12	13s56	4n25	19s38	19s22	12s27		n.a.
S 2	23 52	0 7	4 48	20 10	1 8	16 54	0 30	8 28	1 31	23 22	0 23	16 34	2 11	23 5	0 13	23 43	0 12	13 57	4 25	19 38	19 21	12 25		n.a.
M 3	23 52	4n16	4 17	20 31	0 58	16 29	0 25	8 36	1 31	23 22	0 23	16 32	2 11	23 5	0 13	23 43	0 12	13 57	4 25	19 38	19 21	12 23		n.a.
T 4	23 51	8 34	3 33	20 52	0 49	16 5	0 20	8 44	1 31	23 21	0 23	16 29	2 11	23 5	0 13	23 42	0 12	13 58	4 25	19 38	19 20	12 21		n.a.
W 5	23 50	12 37	2 38	21 13	0 39	15 40	0 15	8 52	1 32	23 20	0 23	16 27	2 11	23 6	0 13	23 42	0 12	13 58	4 25	19 38	19 19	12 18		n.a.
T 6	23 49	16 12	1 33	21 33	0 30	15 15	0 10	9 0	1 32	23 20	0 23	16 25	2 10	23 6	0 13	23 42	0 12	13 59	4 25	19 39	19 18	12 16		n.a.
F 7	23 47	19 3	0 20	21 54	0 21	14 49	0 4	9 8	1 33	23 19	0 23	16 23	2 10	23 7	0 13	23 42	0 12	13 59	4 25	19 39	19 18	12 14		n.a.
S 8	23 44	20 52	0s55	22 13	0 12	14 24	0n 1	9 16	1 33	23 18	0 23	16 21	2 10	23 7	0 13	23 42	0 12	14 0	4 25	19 39	19 17	12 12		n.a.
S 9	23 41	21 23	2 10	22 32	0 3	13 58	0 7	9 24	1 33	23 17	0 24	16 19	2 10	23 8	0 13	23 42	0 12	14 0	4 25	19 38	19 16	12 10		n.a.
M10	23 38	20 28	3 17	22 51	0s 5	13 32	0 12	9 33	1 34	23 17	0 24	16 17	2 10	23 8	0 13	23 42	0 12	14 0	4 25	19 37	19 15	12 8		n.a.
T 11	23 34	18 6	4 12	23 9	0 14	13 5	0 18	9 42	1 34	23 16	0 24	16 14	2 10	23 8	0 13	23 41	0 12	14 1	4 25	19 36	19 14	12 6		n.a.
W12	23 30	14 30	4 50	23 26	0 22	12 39	0 24	9 50	1 34	23 15	0 24	16 12	2 10	23 9	0 13	23 41	0 12	14 1	4 25	19 34	19 14	12 4		n.a.
T 13	23 25	9 59	5 7	23 42	0 30	12 12	0 30	9 59	1 35	23 15	0 24	16 10	2 10	23 9	0 13	23 41	0 12	14 2	4 25	19 33	19 13	12 2		n.a.
F 14	23 20	4 57	5 4	23 57	0 37	11 45	0 36	10 8	1 35	23 14	0 24	16 8	2 9	23 10	0 13	23 41	0 12	14 2	4 25	19 31	19 12	12 0		n.a.
S 15	23 14	0s16	4 41	24 12	0 45	11 18	0 42	10 17	1 35	23 13	0 24	16 5	2 9	23 10	0 13	23 41	0 12	14 2	4 25	19 30	19 11	11 58		n.a.
S 16	23 8	5 20	4 2	24 25	0 52	10 51	0 48	10 26	1 35	23 13	0 24	16 3	2 9	23 10	0 13	23 41	0 12	14 3	4 25	19 30	19 10	11 56		n.a.
M17	23 2	10 0	3 9	24 37	0 59	10 24	0 54	10 35	1 36	23 12	0 24	16 1	2 9	23 11	0 13	23 40	0 12	14 3	4 25	19 29	19 10	11 54		n.a.
T 18	22 55	14 3	2 8	24 48	1 5	9 57	1 1	10 44	1 36	23 11	0 25	15 58	2 9	23 11	0 13	23 40	0 12	14 4	4 25	19 30	19 9	11 51		n.a.
W19	22 47	17 20	1 2	24 58	1 11	9 30	1 7	10 53	1 36	23 11	0 25	15 56	2 9	23 11	0 13	23 40	0 12	14 4	4 25	19 30	19 8	11 49		n.a.
T 20	22 39	19 41	0n 6	25 7	1 17	9 2	1 14	11 2	1 36	23 10	0 25	15 54	2 9	23 12	0 13	23 40	0 12	14 4	4 25	19 30	19 7	11 47		n.a.
F 21	22 31	21 2	1 13	25 14	1 23	8 35	1 21	11 12	1 36	23 9	0 25	15 51	2 9	23 12	0 13	23 40	0 12	14 5	4 25	19 30	19 6	11 45		n.a.
S 22	22 23	21 21	2 15	25 20	1 28	8 8	1 28	11 21	1 37	23 9	0 25	15 49	2 9	23 13	0 13	23 40	0 12	14 5	4 25	19 29	19 6	11 43		n.a.
S 23	22 13	20 39	3 10	25 24	1 33	7 40	1 34	11 31	1 37	23 8	0 25	15 46	2 9	23 13	0 13	23 39	0 13	14 5	4 25	19 28	19 5	11 41		n.a.
M24	22 4	19 1	3 55	25 28	1 38	7 13	1 41	11 40	1 37	23 8	0 25	15 44	2 9	23 13	0 13	23 39	0 13	14 6	4 25	19 25	19 4	11 39		n.a.
T 25	21 54	16 33	4 30	25 29	1 42	6 46	1 48	11 50	1 37	23 7	0 25	15 42	2 8	23 14	0 13	23 39	0 13	14 6	4 25	19 23	19 3	11 37		n.a.
W26	21 44	13 26	4 53	25 29	1 46	6 18	1 56	12 0	1 37	23 7	0 25	15 39	2 8	23 14	0 13	23 39	0 13	14 6	4 25	19 20	19 2	11 35		n.a.
T 27	21 33	9 47	5 3	25 27	1 50	5 51	2 3	12 9	1 37	23 6	0 25	15 37	2 8	23 14	0 13	23 39	0 13	14 6	4 25	19 17	19 2	11 33		n.a.
F 28	21 22	5 46	5 0	25 24	1 53	5 24	2 10	12 19	1 37	23 6	0 25	15 34	2 8	23 15	0 13	23 39	0 13	14 7	4 25	19 14	19 1	11 31		n.a.
S 29	21 10	1 32	4 44	25 19	1 56	4 57	2 18	12 29	1 38	23 5	0 26	15 32	2 8	23 15	0 13	23 38	0 13	14 7	4 25	19 12	19 0	11 28		n.a.
S 30	20 58	2n48	4 15	25 12	1 58	4 30	2 25	12 39	1 38	23 5	0 26	15 29	2 8	23 15	0 13	23 38	0 13	14 7	4 25	19 10	18 59	11 26		n.a.
M31	20s46	7n 4	3n35	25s 3	2s 0	4s 4	2n33	12n48	1n38	23n 4	0n26	15s27	2s 8	23s16	0s13	23s38	0s13	14s 8	4n25	19s 9	18s58	11s24		n.a.

Julian Day Number = 1191810.5, Delta T = 09h31m25s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'56, Lahiri = -23°57'55 Julian Calendar 1 Jan. 1450 BCE == Greg. Calendar 19 Dec. 1451 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

FEBRUARY 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 51 7	29♉46'09	21♈41	16♉ 9	14♓50	29♈23	12°R 6	25♒ 4	15♐24	10♑43	21♏16	24°R10	23♏26	16♒17	n.a.	T 1
W 2	7 55 3	0♒45'50	4♉16	17°52	15°39	29°51	12♊ 2	25°11	15°27	10°45	21°17	24°D10	23°22	16°23	n.a.	W 2
T 3	7 59 0	1°45'28	17°13	19°37	16°27	0♉18	11°59	25°18	15°30	10°48	21°18	24°R10	23°19	16°30	n.a.	T 3
F 4	8 2 56	2°45'04	0♊36	21°24	17°15	0°46	11°56	25°26	15°33	10°50	21°19	24♏10	23°16	16°37	n.a.	F 4
S 5	8 6 53	3°44'38	14°27	23°11	18° 1	1°13	11°54	25°33	15°35	10°52	21°20	24° 8	23°13	16°44	n.a.	S 5
S 6	8 10 49	4°44'09	28°49	25° 0	18°47	1°41	11°51	25°41	15°38	10°54	21°21	24° 4	23°10	16°50	n.a.	S 6
M 7	8 14 46	5°43'37	13♋37	26°49	19°31	2°10	11°49	25°48	15°40	10°56	21°22	23°58	23° 7	16°57	n.a.	M 7
T 8	8 18 42	6°43'04	28°46	28°40	20°15	2°38	11°47	25°56	15°43	10°58	21°23	23°49	23° 3	17° 4	n.a.	T 8
W 9	8 22 39	7°42'28	14♌ 5	0♒33	20°57	3° 6	11°45	26° 3	15°45	11° 0	21°23	23°39	23° 0	17°10	n.a.	W 9
T 10	8 26 36	8°41'49	29°24	2°26	21°39	3°35	11°43	26°11	15°48	11° 2	21°24	23°28	22°57	17°17	n.a.	T 10
F 11	8 30 32	9°41'09	14♍31	4°21	22°19	4° 4	11°41	26°18	15°50	11° 4	21°25	23°18	22°54	17°24	n.a.	F 11
S 12	8 34 29	10°40'27	29°17	6°17	22°58	4°33	11°40	26°26	15°53	11° 7	21°26	23°11	22°51	17°31	n.a.	S 12
S 13	8 38 25	11°39'42	13♎35	8°14	23°35	5° 2	11°39	26°33	15°55	11° 9	21°26	23° 6	22°48	17°37	n.a.	S 13
M14	8 42 22	12°38'56	27°26	10°13	24°12	5°31	11°38	26°41	15°57	11°11	21°27	23° 3	22°44	17°44	n.a.	M14
T 15	8 46 18	13°38'08	10♏48	12°12	24°47	6° 1	11°37	26°48	16° 0	11°13	21°28	23°D 3	22°41	17°51	n.a.	T 15
W16	8 50 15	14°37'18	23°46	14°12	25°21	6°30	11°36	26°56	16° 2	11°15	21°28	23°R 3	22°38	17°58	n.a.	W16
T 17	8 54 11	15°36'26	6♐23	16°14	25°53	7° 0	11°36	27° 4	16° 4	11°17	21°29	23° 2	22°35	18° 4	n.a.	T 17
F 18	8 58 8	16°35'32	18°44	18°16	26°24	7°30	11°35	27°11	16° 6	11°18	21°29	23° 0	22°32	18°11	n.a.	F 18
S 19	9 2 4	17°34'37	0♑53	20°19	26°53	8° 0	11°D35	27°19	16° 8	11°20	21°30	22°55	22°28	18°18	n.a.	S 19
S 20	9 6 1	18°33'39	12°54	22°22	27°21	8°30	11°35	27°27	16°10	11°22	21°30	22°48	22°25	18°24	n.a.	S 20
M21	9 9 58	19°32'39	24°50	24°26	27°47	9° 0	11°36	27°34	16°12	11°24	21°31	22°37	22°22	18°31	n.a.	M21
T 22	9 13 54	20°31'37	6♒43	26°29	28°12	9°30	11°36	27°42	16°14	11°26	21°31	22°24	22°19	18°38	n.a.	T 22
W23	9 17 51	21°30'33	18°35	28°33	28°34	10° 1	11°37	27°50	16°16	11°28	21°32	22°10	22°16	18°45	n.a.	W23
T 24	9 21 47	22°29'27	0♓27	0♓36	28°55	10°31	11°38	27°58	16°18	11°30	21°32	21°55	22°13	18°51	n.a.	T 24
F 25	9 25 44	23°28'18	12°21	2°38	29°14	11° 2	11°39	28° 5	16°20	11°32	21°32	21°42	22° 9	18°58	n.a.	F 25
S 26	9 29 40	24°27'08	24°18	4°40	29°31	11°33	11°40	28°13	16°22	11°33	21°33	21°30	22° 6	19° 5	n.a.	S 26
S 27	9 33 37	25°25'54	6♈20	6°39	29°46	12° 4	11°42	28°21	16°24	11°35	21°33	21°21	22° 3	19°12	n.a.	S 27
M28	9 37 33	26♒24'39	18♈30	8♓37	29♓58	12♉35	11♊43	28♒29	16♐25	11♑37	21♏33	21♏15	22♏ 0	19♒18	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s34	11n 7	2n44	24s53	2s 2	3s37	2n40	12n58	1n38	23n 4	0n26	15s24	2s 8	23s16	0s13	23s38	0s13	14s 8	4n25	19s 9	18s58	11s22		n.a.	T 1
W 2	20 21	14 47	1 44	24 41	2 3	3 11	2 48	13 8	1 38	23 4	0 26	15 21	2 8	23 16	0 13	23 38	0 13	14 8	4 25	19 9	18 57	11 20		n.a.	W 2
T 3	20 7	17 52	0 37	24 26	2 4	2 45	2 56	13 18	1 38	23 3	0 26	15 19	2 8	23 17	0 13	23 38	0 13	14 8	4 25	19 9	18 56	11 18		n.a.	T 3
F 4	19 54	20 5	0s34	24 10	2 4	2 19	3 4	13 28	1 38	23 3	0 26	15 16	2 8	23 17	0 13	23 37	0 13	14 8	4 25	19 9	18 55	11 16		n.a.	F 4
S 5	19 39	21 12	1 46	23 52	2 4	1 53	3 12	13 38	1 38	23 3	0 26	15 14	2 8	23 17	0 13	23 37	0 13	14 9	4 26	19 8	18 54	11 14		n.a.	S 5
S 6	19 25	20 59	2 53	23 32	2 3	1 28	3 20	13 48	1 38	23 2	0 26	15 11	2 8	23 18	0 13	23 37	0 13	14 9	4 26	19 7	18 54	11 12		n.a.	S 6
M 7	19 10	19 20	3 50	23 10	2 2	1 3	3 28	13 58	1 38	23 2	0 26	15 8	2 8	23 18	0 13	23 37	0 13	14 9	4 26	19 6	18 53	11 9		n.a.	M 7
T 8	18 55	16 19	4 33	22 45	2 0	0 38	3 36	14 8	1 38	23 2	0 26	15 6	2 8	23 18	0 13	23 37	0 13	14 9	4 26	19 4	18 52	11 7		n.a.	T 8
W 9	18 40	12 9	4 57	22 19	1 58	0 14	3 44	14 18	1 38	23 2	0 26	15 3	2 8	23 18	0 13	23 37	0 13	14 9	4 26	19 1	18 51	11 5		n.a.	W 9
T 10	18 24	7 13	5 0	21 50	1 56	0n10	3 52	14 28	1 38	23 2	0 26	15 1	2 8	23 19	0 13	23 36	0 13	14 10	4 26	18 58	18 50	11 3		n.a.	T 10
F 11	18 8	1 53	4 41	21 20	1 52	0 34	4 0	14 38	1 38	23 1	0 26	14 58	2 8	23 19	0 13	23 36	0 13	14 10	4 26	18 56	18 49	11 1		n.a.	F 11
S 12	17 52	3s26	4 4	20 47	1 48	0 57	4 8	14 48	1 38	23 1	0 27	14 55	2 8	23 19	0 13	23 36	0 13	14 10	4 26	18 54	18 49	10 59		n.a.	S 12
S 13	17 36	8 24	3 13	20 12	1 44	1 19	4 16	14 58	1 38	23 1	0 27	14 53	2 8	23 20	0 13	23 36	0 13	14 10	4 26	18 53	18 48	10 57		n.a.	S 13
M14	17 19	12 46	2 11	19 35	1 39	1 42	4 25	15 8	1 38	23 1	0 27	14 50	2 8	23 20	0 13	23 36	0 13	14 10	4 26	18 52	18 47	10 55		n.a.	M14
T 15	17 2	16 21	1 4	18 56	1 34	2 3	4 33	15 18	1 38	23 1	0 27	14 47	2 8	23 20	0 13	23 36	0 13	14 10	4 26	18 52	18 46	10 53		n.a.	T 15
W16	16 44	18 59	0n 4	18 15	1 27	2 24	4 41	15 28	1 38	23 1	0 27	14 45	2 7	23 20	0 13	23 36	0 13	14 10	4 26	18 52	18 45	10 50		n.a.	W16
T 17	16 26	20 37	1 10	17 32	1 21	2 45	4 49	15 38	1 38	23 1	0 27	14 42	2 7	23 21	0 13	23 35	0 13	14 11	4 26	18 52	18 45	10 48		n.a.	T 17
F 18	16 8	21 12	2 11	16 47	1 13	3 5	4 58	15 48	1 38	23 1	0 27	14 39	2 7	23 21	0 13	23 35	0 13	14 11	4 26	18 51	18 44	10 46		n.a.	F 18
S 19	15 50	20 46	3 6	16 0	1 6	3 24	5 6	15 58	1 38	23 1	0 27	14 36	2 7	23 21	0 13	23 35	0 13	14 11	4 26	18 50	18 43	10 44		n.a.	S 19
S 20	15 32	19 24	3 51	15 12	0 57	3 43	5 14	16 8	1 38	23 1	0 27	14 34	2 7	23 21	0 13	23 35	0 13	14 11	4 26	18 48	18 42	10 42		n.a.	S 20
M21	15 13	17 11	4 26	14 22	0 48	4 1	5 22	16 18	1 38	23 1	0 27	14 31	2 7	23 21	0 13	23 35	0 13	14 11	4 26	18 45	18 41	10 40		n.a.	M21
T 22	14 54	14 16	4 48	13 31	0 39	4 18	5 30	16 28	1 38	23 1	0 27	14 28	2 7	23 22	0 13	23 35	0 13	14 11	4 26	18 42	18 40	10 38		n.a.	T 22
W23	14 35	10 48	4 59	12 38	0 29	4 35	5 38	16 38	1 38	23 1	0 27	14 26	2 7	23 22	0 14	23 34	0 13	14 11	4 26	18 38	18 40	10 36		n.a.	W23
T 24	14 16	6 54	4 56	11 44	0 18	4 50	5 46	16 48	1 38	23 2	0 27	14 23	2 8	23 22	0 14	23 34	0 13	14 11	4 26	18 34	18 39	10 34		n.a.	T 24
F 25	13 56	2 44	4 40	10 50	0 7	5 5	5 54	16 57	1 38	23 2	0 27	14 20	2 8	23 22	0 14	23 34	0 13	14 11	4 26	18 31	18 38	10 31		n.a.	F 25
S 26	13 36	1n33	4 12	9 55	0n 4	5 19	6 2	17 7	1 38	23 2	0 27	14 17	2 8	23 23	0 14	23 34	0 13	14 11	4 26	18 27	18 37	10 29		n.a.	S 26
S 27	13 16	5 48	3 33	8 59	0 15	5 32	6 9	17 17	1 38	23 2	0 27	14 15	2 8	23 23	0 14	23 34	0 13	14 11	4 26	18 25	18 36	10 27		n.a.	S 27
M28	12s56	9n53	2n43	8s 4	0n27	5n44	6n16	17n27	1n38	23n 3	0n27	14s12	2s 8	23s23	0s14	23s34	0s13	14s11	4n26	18s23	18s35	10s25		n.a.	M28

Julian Day Number = 1191841.5, Delta T = 09h31m23s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'51, Lahiri = -23°57'51 Julian Calendar 1 Feb. 1450 BCE == Greg. Calendar 19 Jan. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

MARCH 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 41 30	27♒23'21	0♉50	10♓33	0♈ 9	13♉ 6	11♊45	28♒36	16♐27	11♑39	21♏33	21°R11	21♏57	19♒25	n.a.	T 1
W 2	9 45 26	28°22'02	13°25	12°27	0°18	13°38	11°47	28°44	16°29	11°40	21°33	21♏10	21°53	19°32	n.a.	W 2
T 3	9 49 23	29°20'39	26°19	14°17	0°24	14° 9	11°49	28°52	16°30	11°42	21°34	21°10	21°50	19°38	n.a.	T 3
F 4	9 53 20	0♓19'15	9♊35	16° 4	0°28	14°41	11°51	29° 0	16°32	11°44	21°34	21°10	21°47	19°45	n.a.	F 4
S 5	9 57 16	1°17'48	23°17	17°48	0°R29	15°12	11°54	29° 7	16°33	11°45	21°34	21° 8	21°44	19°52	n.a.	S 5
S 6	10 1 13	2°16'18	7♋28	19°28	0°28	15°44	11°57	29°15	16°35	11°47	21°34	21° 5	21°41	19°59	n.a.	S 6
M 7	10 5 9	3°14'47	22° 5	21° 4	0°25	16°16	12° 0	29°23	16°36	11°49	21°R34	20°59	21°38	20° 5	n.a.	M 7
T 8	10 9 6	4°13'13	7♌ 5	22°35	0°19	16°48	12° 3	29°31	16°38	11°50	21°34	20°50	21°34	20°12	n.a.	T 8
W 9	10 13 2	5°11'36	22°19	24° 3	0°11	17°20	12° 6	29°38	16°39	11°52	21°34	20°40	21°31	20°19	n.a.	W 9
T 10	10 16 59	6° 9'58	7♍38	25°25	29♓59	17°52	12° 9	29°46	16°40	11°53	21°34	20°29	21°28	20°26	n.a.	T 10
F 11	10 20 55	7° 8'18	22°49	26°43	29°47	18°24	12°13	29°54	16°41	11°55	21°34	20°20	21°25	20°32	n.a.	F 11
S 12	10 24 52	8° 6'35	7♎43	27°55	29°31	18°56	12°17	0♓ 2	16°43	11°56	21°33	20°12	21°22	20°39	n.a.	S 12
S 13	10 28 48	9° 4'51	22°11	29° 3	29°13	19°29	12°21	0° 9	16°44	11°58	21°33	20° 7	21°19	20°46	n.a.	S 13
M14	10 32 45	10° 3'05	6♏11	0♈ 6	28°52	20° 1	12°25	0°17	16°45	11°59	21°33	20° 4	21°15	20°52	n.a.	M14
T 15	10 36 42	11° 1'18	19°41	1° 3	28°30	20°34	12°29	0°25	16°46	12° 0	21°33	20°D 3	21°12	20°59	n.a.	T 15
W16	10 40 38	11°59'29	2♐44	1°55	28° 5	21° 6	12°33	0°32	16°47	12° 2	21°33	20° 4	21° 9	21° 6	n.a.	W16
T 17	10 44 35	12°57'38	15°24	2°41	27°38	21°39	12°38	0°40	16°48	12° 3	21°32	20°R 4	21° 6	21°13	n.a.	T 17
F 18	10 48 31	13°55'46	27°45	3°22	27° 9	22°12	12°43	0°48	16°49	12° 4	21°32	20° 3	21° 3	21°19	n.a.	F 18
S 19	10 52 28	14°53'52	9♑53	3°58	26°38	22°45	12°48	0°55	16°50	12° 6	21°32	20° 0	20°59	21°26	n.a.	S 19
S 20	10 56 24	15°51'57	21°51	4°28	26° 6	23°18	12°53	1° 3	16°50	12° 7	21°31	19°55	20°56	21°33	n.a.	S 20
M21	11 0 21	16°50'00	3♒44	4°52	25°32	23°51	12°58	1°11	16°51	12° 8	21°31	19°47	20°53	21°39	n.a.	M21
T 22	11 4 17	17°48'01	15°35	5°11	24°57	24°24	13° 3	1°18	16°52	12° 9	21°30	19°37	20°50	21°46	n.a.	T 22
W23	11 8 14	18°46'01	27°26	5°24	24°20	24°57	13° 9	1°26	16°52	12°11	21°30	19°26	20°47	21°53	n.a.	W23
T 24	11 12 11	19°43'59	9♓21	5°32	23°44	25°30	13°15	1°33	16°53	12°12	21°29	19°14	20°44	22° 0	n.a.	T 24
F 25	11 16 7	20°41'55	21°20	5°R35	23° 6	26° 3	13°20	1°41	16°53	12°13	21°29	19° 3	20°40	22° 6	n.a.	F 25
S 26	11 20 4	21°39'49	3♈25	5°32	22°28	26°37	13°26	1°48	16°54	12°14	21°28	18°54	20°37	22°13	n.a.	S 26
S 27	11 24 0	22°37'42	15°36	5°24	21°50	27°10	13°33	1°56	16°54	12°15	21°28	18°47	20°34	22°20	n.a.	S 27
M28	11 27 57	23°35'33	27°57	5°12	21°12	27°44	13°39	2° 3	16°55	12°16	21°27	18°42	20°31	22°27	n.a.	M28
T 29	11 31 53	24°33'23	10♉28	4°55	20°34	28°18	13°45	2°10	16°55	12°17	21°27	18°40	20°28	22°33	n.a.	T 29
W30	11 35 50	25°31'10	23°11	4°34	19°57	28°51	13°52	2°18	16°55	12°18	21°26	18°D40	20°25	22°40	n.a.	W30
T 31	11 39 46	26♓28'56	6♊10	4♈ 9	19♓21	29♉25	13♊59	2♓25	16♐56	12♑19	21♏25	18♏41	20♏21	22♒47	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12s36	13n36	1n45	7s 9	0n39	5n54	6n24	17n36	1n38	23n 3	0n27	14s 9	2s 8	23s23	0s14	23s34	0s13	14s11	4n26	18s23	18s35	10s23			n.a.
W 2	12 15	16 48	0 41	6 14	0 51	6 4	6 31	17 46	1 38	23 3	0 27	14 7	2 8	23 23	0 14	23 33	0 13	14 11	4 26	18 22	18 34	10 21			n.a.
T 3	11 54	19 14	0s27	5 20	1 2	6 13	6 37	17 55	1 38	23 3	0 27	14 4	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 22	18 33	10 19			n.a.
F 4	11 33	20 42	1 36	4 27	1 14	6 20	6 44	18 5	1 38	23 4	0 28	14 1	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 22	18 32	10 16			n.a.
S 5	11 12	21 0	2 41	3 36	1 26	6 26	6 50	18 14	1 38	23 4	0 28	13 58	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 22	18 31	10 14			n.a.
S 6	10 51	20 0	3 39	2 46	1 37	6 31	6 56	18 24	1 38	23 5	0 28	13 56	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 21	18 30	10 12			n.a.
M 7	10 30	17 40	4 24	1 57	1 48	6 35	7 1	18 33	1 38	23 5	0 28	13 53	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 19	18 30	10 10			n.a.
T 8	10 8	14 7	4 53	1 11	1 58	6 37	7 6	18 42	1 38	23 6	0 28	13 50	2 8	23 24	0 14	23 33	0 13	14 11	4 27	18 17	18 29	10 8			n.a.
W 9	9 46	9 35	5 1	0 27	2 8	6 38	7 11	18 52	1 37	23 6	0 28	13 47	2 8	23 25	0 14	23 33	0 13	14 11	4 27	18 14	18 28	10 6			n.a.
T 10	9 25	4 25	4 48	0n15	2 18	6 38	7 15	19 1	1 37	23 7	0 28	13 45	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 11	18 27	10 4			n.a.
F 11	9 3	0s59	4 15	0 54	2 27	6 36	7 19	19 10	1 37	23 7	0 28	13 42	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 9	18 26	10 2			n.a.
S 12	8 41	6 14	3 24	1 31	2 35	6 32	7 22	19 19	1 37	23 8	0 28	13 39	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 7	18 25	9 59			n.a.
S 13	8 18	10 59	2 22	2 5	2 42	6 27	7 24	19 28	1 37	23 8	0 28	13 36	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 5	18 24	9 57			n.a.
M14	7 56	14 58	1 13	2 36	2 49	6 21	7 26	19 37	1 37	23 9	0 28	13 34	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 4	18 24	9 55			n.a.
T 15	7 34	18 0	0 2	3 5	2 54	6 13	7 28	19 46	1 37	23 9	0 28	13 31	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 4	18 23	9 53			n.a.
W16	7 11	19 59	1n 7	3 30	2 59	6 3	7 28	19 54	1 37	23 10	0 28	13 28	2 8	23 25	0 14	23 32	0 13	14 11	4 27	18 4	18 22	9 51			n.a.
T 17	6 48	20 53	2 11	3 52	3 3	5 52	7 28	20 3	1 37	23 11	0 28	13 26	2 8	23 26	0 14	23 32	0 13	14 10	4 27	18 4	18 21	9 49			n.a.
F 18	6 26	20 44	3 6	4 11	3 6	5 39	7 27	20 12	1 37	23 11	0 28	13 23	2 9	23 26	0 14	23 32	0 13	14 10	4 27	18 4	18 20	9 47			n.a.
S 19	6 3	19 37	3 53	4 27	3 7	5 26	7 25	20 20	1 36	23 12	0 28	13 20	2 9	23 26	0 14	23 32	0 13	14 10	4 27	18 3	18 19	9 44			n.a.
S 20	5 40	17 39	4 28	4 40	3 8	5 10	7 23	20 29	1 36	23 13	0 28	13 18	2 9	23 26	0 14	23 31	0 13	14 10	4 27	18 2	18 18	9 42			n.a.
M21	5 17	14 56	4 52	4 49	3 7	4 54	7 19	20 37	1 36	23 13	0 28	13 15	2 9	23 26	0 14	23 31	0 13	14 10	4 27	18 0	18 18	9 40			n.a.
T 22	4 54	11 38	5 2	4 55	3 6	4 36	7 15	20 45	1 36	23 14	0 28	13 12	2 9	23 26	0 14	23 31	0 13	14 10	4 27	17 57	18 17	9 38			n.a.
W23	4 31	7 53	5 0	4 58	3 3	4 17	7 10	20 53	1 36	23 15	0 28	13 10	2 9	23 26	0 14	23 31	0 14	14 10	4 27	17 54	18 16	9 36			n.a.
T 24	4 8	3 49	4 45	4 58	2 59	3 57	7 5	21 1	1 36	23 16	0 28	13 7	2 9	23 26	0 14	23 31	0 14	14 9	4 27	17 51	18 15	9 34			n.a.
F 25	3 45	0n26	4 17	4 54	2 53	3 36	6 58	21 9	1 36	23 16	0 28	13 4	2 9	23 26	0 14	23 31	0 14	14 9	4 27	17 48	18 14	9 32			n.a.
S 26	3 22	4 42	3 37	4 46	2 46	3 14	6 51	21 17	1 36	23 17	0 28	13 2	2 9	23 26	0 14	23 31	0 14	14 9	4 27	17 45	18 13	9 29			n.a.
S 27	2 59	8 49	2 47	4 36	2 39	2 51	6 42	21 25	1 35	23 18	0 28	12 59	2 9	23 26	0 14	23 31	0 14	14 9	4 27	17 43	18 13	9 27			n.a.
M28	2 35	12 37	1 49	4 23	2 29	2 28	6 34	21 33	1 35	23 19	0 28	12 56	2 9	23 27	0 14	23 31	0 14	14 9	4 27	17 42	18 12	9 25			n.a.
T 29	2 12	15 55	0 44	4 6	2 19	2 4	6 24	21 40	1 35	23 20	0 28	12 54	2 10	23 27	0 14	23 31	0 14	14 9	4 27	17 41	18 11	9 23			n.a.
W30	1 49	18 30	0s24	3 47	2 7	1 40	6 14	21 48	1 35	23 20	0 28	12 51	2 10	23 27	0 14	23 31	0 14	14 8	4 27	17 41	18 10	9 21			n.a.
T 31	1s25	20n12	1s33	3n26	1n55	1n16	6n 3	21n55	1n35	23n21	0n29	12s49	2s10	23s27	0s14	23s31	0s14	14s 8	4n27	17s41	18s 9	9s19			n.a.

Julian Day Number = 1191869.5, Delta T = 09h31m21s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'47, Lahiri = -23°57'47 Julian Calendar 1 March 1450 BCE == Greg. Calendar 16 Feb. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

APRIL 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 43 43	27♓26'40	19♊28	3°R42	18°R46	29♉59	14♊ 5	2♓32	16♐56	12♑20	21°R24	18♏42	20♏18	22♒53	n.a.	F 1
S 2	11 47 39	28°24'22	3♋ 6	3♈11	18♓12	0♊33	14°12	2°40	16°56	12°21	21♏24	18°R42	20°15	23° 0	n.a.	S 2
S 3	11 51 36	29°22'02	17° 7	2°38	17°40	1° 7	14°20	2°47	16°56	12°21	21°23	18°41	20°12	23° 7	n.a.	S 3
M 4	11 55 33	0♈19'40	1♌30	2° 4	17° 9	1°41	14°27	2°54	16°R56	12°22	21°22	18°37	20° 9	23°14	n.a.	M 4
T 5	11 59 29	1°17'17	16°12	1°28	16°41	2°15	14°34	3° 1	16°56	12°23	21°21	18°32	20° 5	23°20	n.a.	T 5
W 6	12 3 26	2°14'52	1♍ 8	0°53	16°14	2°49	14°42	3° 9	16°56	12°24	21°21	18°26	20° 2	23°27	n.a.	W 6
T 7	12 7 22	3°12'25	16°10	0°17	15°49	3°23	14°49	3°16	16°56	12°24	21°20	18°19	19°59	23°34	n.a.	T 7
F 8	12 11 19	4° 9'57	1♎ 8	29♓42	15°26	3°57	14°57	3°23	16°56	12°25	21°19	18°13	19°56	23°41	n.a.	F 8
S 9	12 15 15	5° 7'28	15°54	29° 9	15° 6	4°32	15° 5	3°30	16°56	12°26	21°18	18° 8	19°53	23°47	n.a.	S 9
S 10	12 19 12	6° 4'57	0♏19	28°38	14°47	5° 6	15°13	3°37	16°55	12°26	21°17	18° 5	19°50	23°54	n.a.	S 10
M11	12 23 8	7° 2'25	14°21	28°10	14°32	5°40	15°21	3°44	16°55	12°27	21°16	18°D 3	19°46	24° 1	n.a.	M11
T 12	12 27 5	7°59'52	27°55	27°44	14°18	6°15	15°29	3°51	16°55	12°28	21°15	18° 4	19°43	24° 7	n.a.	T 12
W13	12 31 2	8°57'18	11♐ 3	27°22	14° 7	6°49	15°38	3°57	16°54	12°28	21°14	18° 5	19°40	24°14	n.a.	W13
T 14	12 34 58	9°54'43	23°48	27° 3	13°59	7°24	15°46	4° 4	16°54	12°29	21°13	18° 7	19°37	24°21	n.a.	T 14
F 15	12 38 55	10°52'08	6♑13	26°49	13°53	7°58	15°55	4°11	16°53	12°29	21°12	18°R 7	19°34	24°28	n.a.	F 15
S 16	12 42 51	11°49'31	18°23	26°38	13°49	8°33	16° 3	4°18	16°53	12°29	21°11	18° 7	19°30	24°34	n.a.	S 16
S 17	12 46 48	12°46'53	0♒22	26°32	13°D48	9° 8	16°12	4°24	16°52	12°30	21°10	18° 6	19°27	24°41	n.a.	S 17
M18	12 50 44	13°44'15	12°15	26°D31	13°49	9°43	16°21	4°31	16°52	12°30	21° 9	18° 3	19°24	24°48	n.a.	M18
T 19	12 54 41	14°41'36	24° 7	26°33	13°53	10°18	16°30	4°38	16°51	12°31	21° 7	17°58	19°21	24°54	n.a.	T 19
W20	12 58 37	15°38'56	6♓ 1	26°41	13°59	10°52	16°39	4°44	16°50	12°31	21° 6	17°53	19°18	25° 1	n.a.	W20
T 21	13 2 34	16°36'15	17°59	26°52	14° 6	11°27	16°49	4°51	16°49	12°31	21° 5	17°48	19°15	25° 8	n.a.	T 21
F 22	13 6 31	17°33'33	0♈ 5	27° 9	14°16	12° 2	16°58	4°57	16°49	12°31	21° 4	17°42	19°11	25°15	n.a.	F 22
S 23	13 10 27	18°30'50	12°20	27°29	14°29	12°38	17° 7	5° 4	16°48	12°31	21° 3	17°38	19° 8	25°21	n.a.	S 23
S 24	13 14 24	19°28'07	24°45	27°54	14°43	13°13	17°17	5°10	16°47	12°32	21° 1	17°35	19° 5	25°28	n.a.	S 24
M25	13 18 20	20°25'22	7♉21	28°24	14°59	13°48	17°27	5°16	16°46	12°32	21° 0	17°33	19° 2	25°35	n.a.	M25
T 26	13 22 17	21°22'37	20°10	28°57	15°17	14°23	17°36	5°22	16°45	12°32	20°59	17°D33	18°59	25°42	n.a.	T 26
W27	13 26 13	22°19'51	3♊11	29°35	15°37	14°58	17°46	5°29	16°44	12°32	20°58	17°34	18°56	25°48	n.a.	W27
T 28	13 30 10	23°17'04	16°26	0♈17	15°58	15°34	17°56	5°35	16°43	12°32	20°56	17°35	18°52	25°55	n.a.	T 28
F 29	13 34 6	24°14'16	29°55	1° 2	16°22	16° 9	18° 6	5°41	16°42	12°R32	20°55	17°36	18°49	26° 2	n.a.	F 29
S 30	13 38 3	25♈11'27	13♋40	1♈51	16♓46	16♊44	18♊16	5♓47	16♐40	12♑32	20♏54	17♏37	18♏46	26♒ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1s 2	20n49	2s38	3n 2	1n41	0n52	5n52	22n 3	1n35	23n22	0n29	12s46	2s10	23s27	0s14	23s30	0s14	14s 8	4n27	17s42	18s 8	9s17		n.a.
S 2	0 39	20 14	3 36	2 36	1 27	0 27	5 40	22 10	1 34	23 23	0 29	12 43	2 10	23 27	0 14	23 30	0 14	14 8	4 27	17 42	18 7	9 14		n.a.
S 3	0 15	18 24	4 23	2 9	1 11	0 3	5 27	22 17	1 34	23 24	0 29	12 41	2 10	23 27	0 14	23 30	0 14	14 8	4 27	17 41	18 6	9 12		n.a.
M 4	0n 8	15 24	4 54	1 41	0 55	0s20	5 15	22 24	1 34	23 25	0 29	12 38	2 10	23 27	0 14	23 30	0 14	14 7	4 27	17 40	18 6	9 10		n.a.
T 5	0 31	11 22	5 8	1 11	0 39	0 44	5 2	22 31	1 34	23 26	0 29	12 36	2 10	23 27	0 14	23 30	0 14	14 7	4 27	17 39	18 5	9 8		n.a.
W 6	0 55	6 36	5 0	0 42	0 22	1 7	4 48	22 37	1 34	23 27	0 29	12 33	2 11	23 27	0 14	23 30	0 14	14 7	4 27	17 37	18 4	9 6		n.a.
T 7	1 18	1 23	4 33	0 12	0 5	1 29	4 35	22 44	1 34	23 28	0 29	12 31	2 11	23 27	0 14	23 30	0 14	14 7	4 27	17 35	18 3	9 4		n.a.
F 8	1 41	3s54	3 46	0s18	0s12	1 50	4 21	22 51	1 33	23 28	0 29	12 28	2 11	23 27	0 14	23 30	0 14	14 6	4 27	17 33	18 2	9 1		n.a.
S 9	2 4	8 54	2 45	0 46	0 28	2 11	4 8	22 57	1 33	23 29	0 29	12 26	2 11	23 27	0 14	23 30	0 14	14 6	4 27	17 32	18 1	8 59		n.a.
S 10	2 27	13 16	1 35	1 14	0 45	2 30	3 54	23 3	1 33	23 30	0 29	12 23	2 11	23 27	0 14	23 30	0 14	14 6	4 27	17 31	18 0	8 57		n.a.
M11	2 51	16 45	0 20	1 40	1 1	2 49	3 40	23 9	1 33	23 31	0 29	12 21	2 11	23 27	0 14	23 30	0 14	14 6	4 27	17 31	18 0	8 55		n.a.
T 12	3 14	19 11	0n53	2 5	1 17	3 7	3 26	23 15	1 33	23 32	0 29	12 19	2 11	23 27	0 14	23 30	0 14	14 6	4 27	17 31	17 59	8 53		n.a.
W13	3 37	20 29	2 2	2 28	1 31	3 24	3 13	23 21	1 33	23 33	0 29	12 16	2 12	23 27	0 15	23 30	0 14	14 5	4 27	17 31	17 58	8 51		n.a.
T 14	4 0	20 41	3 2	2 48	1 46	3 40	2 59	23 27	1 32	23 34	0 29	12 14	2 12	23 27	0 15	23 30	0 14	14 5	4 27	17 32	17 57	8 48		n.a.
F 15	4 22	19 51	3 52	3 6	1 59	3 54	2 46	23 33	1 32	23 35	0 29	12 11	2 12	23 27	0 15	23 30	0 14	14 5	4 27	17 32	17 56	8 46		n.a.
S 16	4 45	18 7	4 31	3 22	2 11	4 8	2 33	23 38	1 32	23 36	0 29	12 9	2 12	23 27	0 15	23 30	0 14	14 4	4 27	17 32	17 55	8 44		n.a.
S 17	5 8	15 36	4 57	3 35	2 23	4 20	2 20	23 43	1 32	23 37	0 29	12 7	2 12	23 27	0 15	23 30	0 14	14 4	4 27	17 31	17 54	8 42		n.a.
M18	5 31	12 28	5 10	3 45	2 33	4 32	2 7	23 49	1 32	23 38	0 29	12 4	2 12	23 27	0 15	23 30	0 14	14 4	4 27	17 31	17 53	8 40		n.a.
T 19	5 53	8 51	5 10	3 52	2 43	4 42	1 54	23 54	1 31	23 39	0 29	12 2	2 13	23 27	0 15	23 30	0 14	14 4	4 27	17 29	17 52	8 38		n.a.
W20	6 16	4 53	4 56	3 57	2 51	4 51	1 42	23 59	1 31	23 40	0 29	12 0	2 13	23 27	0 15	23 30	0 14	14 3	4 27	17 28	17 52	8 36		n.a.
T 21	6 38	0 42	4 30	3 59	2 59	4 59	1 30	24 3	1 31	23 41	0 29	11 57	2 13	23 26	0 15	23 30	0 14	14 3	4 27	17 26	17 51	8 33		n.a.
F 22	7 1	3n33	3 51	3 59	3 5	5 6	1 18	24 8	1 31	23 42	0 29	11 55	2 13	23 26	0 15	23 30	0 14	14 3	4 27	17 25	17 50	8 31		n.a.
S 23	7 23	7 43	3 1	3 55	3 11	5 12	1 7	24 13	1 31	23 43	0 29	11 53	2 13	23 26	0 15	23 30	0 14	14 2	4 27	17 24	17 49	8 29		n.a.
S 24	7 45	11 38	2 2	3 49	3 15	5 16	0 56	24 17	1 30	23 44	0 29	11 51	2 14	23 26	0 15	23 30	0 14	14 2	4 27	17 23	17 48	8 27		n.a.
M25	8 7	15 5	0 56	3 41	3 19	5 20	0 45	24 21	1 30	23 45	0 29	11 49	2 14	23 26	0 15	23 30	0 14	14 2	4 27	17 22	17 47	8 25		n.a.
T 26	8 29	17 52	0s14	3 29	3 21	5 23	0 34	24 25	1 30	23 46	0 29	11 46	2 14	23 26	0 15	23 30	0 14	14 2	4 27	17 22	17 46	8 23		n.a.
W27	8 51	19 47	1 25	3 16	3 23	5 24	0 24	24 29	1 30	23 47	0 30	11 44	2 14	23 26	0 15	23 30	0 14	14 1	4 27	17 22	17 45	8 20		n.a.
T 28	9 12	20 38	2 32	3 0	3 24	5 25	0 14	24 33	1 30	23 48	0 30	11 42	2 14	23 26	0 15	23 30	0 14	14 1	4 27	17 23	17 45	8 18		n.a.
F 29	9 34	20 20	3 32	2 41	3 24	5 25	0 4	24 37	1 29	23 49	0 30	11 40	2 14	23 26	0 15	23 30	0 14	14 1	4 27	17 23	17 44	8 16		n.a.
S 30	9n55	18n49	4s21	2s20	3s23	5s23	0s 5	24n40	1n29	23n50	0n30	11s38	2s15	23s26	0s15	23s30	0s14	14s 0	4n27	17s23	17s43	8s14		n.a.

Julian Day Number = 1191900.5, Delta T = 09h31m20s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'43, Lahiri = -23°57'43 Julian Calendar 1 Apr. 1450 BCE == Greg. Calendar 19 March 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

MAY 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 42 0	26♈ 8'37	27♋39	2♈45	17♓13	17♊20	18♊27	5♓53	16°R39	12°R32	20°R52	17°R38	18♏43	26♒15	n.a.	S 1
M 2	13 45 56	27° 5'46	11♌52	3°41	17°41	17°56	18°37	5°58	16♐38	12♑32	20♏51	17♏37	18°40	26°22	n.a.	M 2
T 3	13 49 53	28° 2'54	26°17	4°42	18°11	18°31	18°47	6° 4	16°37	12°32	20°50	17°36	18°36	26°29	n.a.	T 3
W 4	13 53 49	29° 0'01	10♍50	5°46	18°42	19° 7	18°58	6°10	16°35	12°32	20°48	17°34	18°33	26°35	n.a.	W 4
T 5	13 57 46	29°57'07	25°27	6°53	19°14	19°42	19° 8	6°16	16°34	12°31	20°47	17°31	18°30	26°42	n.a.	T 5
F 6	14 1 42	0♉54'13	10♎ 0	8° 4	19°48	20°18	19°19	6°21	16°33	12°31	20°46	17°29	18°27	26°49	n.a.	F 6
S 7	14 5 39	1°51'18	24°25	9°18	20°23	20°54	19°30	6°27	16°31	12°31	20°44	17°28	18°24	26°55	n.a.	S 7
S 8	14 9 35	2°48'23	8♏34	10°35	20°59	21°30	19°40	6°32	16°30	12°31	20°43	17°27	18°21	27° 2	n.a.	S 8
M 9	14 13 32	3°45'27	22°25	11°56	21°36	22° 5	19°51	6°38	16°28	12°30	20°41	17°D27	18°17	27° 9	n.a.	M 9
T 10	14 17 29	4°42'31	5♐54	13°19	22°15	22°41	20° 2	6°43	16°27	12°30	20°40	17°27	18°14	27°16	n.a.	T 10
W11	14 21 25	5°39'35	19° 2	14°46	22°54	23°17	20°13	6°48	16°25	12°30	20°38	17°28	18°11	27°22	n.a.	W11
T 12	14 25 22	6°36'39	1♑48	16°17	23°35	23°53	20°24	6°53	16°23	12°29	20°37	17°29	18° 8	27°29	n.a.	T 12
F 13	14 29 18	7°33'43	14°15	17°50	24°17	24°29	20°35	6°59	16°22	12°29	20°35	17°30	18° 5	27°36	n.a.	F 13
S 14	14 33 15	8°30'47	26°28	19°26	24°59	25° 5	20°47	7° 4	16°20	12°28	20°34	17°31	18° 1	27°43	n.a.	S 14
S 15	14 37 11	9°27'50	8♒29	21° 6	25°43	25°41	20°58	7° 9	16°18	12°28	20°32	17°R31	17°58	27°49	n.a.	S 15
M16	14 41 8	10°24'54	20°24	22°48	26°28	26°18	21° 9	7°13	16°16	12°27	20°31	17°31	17°55	27°56	n.a.	M16
T 17	14 45 5	11°21'58	2♓17	24°34	27°13	26°54	21°21	7°18	16°15	12°27	20°30	17°31	17°52	28° 3	n.a.	T 17
W18	14 49 1	12°19'02	14°13	26°22	27°59	27°30	21°32	7°23	16°13	12°26	20°28	17°30	17°49	28° 9	n.a.	W18
T 19	14 52 58	13°16'06	26°15	28°13	28°46	28° 6	21°44	7°28	16°11	12°25	20°26	17°29	17°46	28°16	n.a.	T 19
F 20	14 56 54	14°13'11	8♈26	0♉ 7	29°34	28°43	21°55	7°32	16° 9	12°25	20°25	17°29	17°42	28°23	n.a.	F 20
S 21	15 0 51	15°10'15	20°51	2° 3	0♈23	29°19	22° 7	7°37	16° 7	12°24	20°23	17°29	17°39	28°30	n.a.	S 21
S 22	15 4 47	16° 7'20	3♉30	4° 2	1°12	29°56	22°19	7°41	16° 5	12°23	20°22	17°28	17°36	28°36	n.a.	S 22
M23	15 8 44	17° 4'25	16°24	6° 2	2° 2	0♋32	22°31	7°46	16° 3	12°23	20°20	17°28	17°33	28°43	n.a.	M23
T 24	15 12 40	18° 1'30	29°34	8° 5	2°53	1° 9	22°43	7°50	16° 1	12°22	20°19	17°28	17°30	28°50	n.a.	T 24
W25	15 16 37	18°58'36	12♊59	10°10	3°44	1°45	22°54	7°54	15°59	12°21	20°17	17°28	17°27	28°56	n.a.	W25
T 26	15 20 34	19°55'41	26°38	12°16	4°36	2°22	23° 6	7°58	15°57	12°20	20°16	17°28	17°23	29° 3	n.a.	T 26
F 27	15 24 30	20°52'46	10♋29	14°24	5°28	2°58	23°18	8° 2	15°55	12°19	20°14	17°28	17°20	29°10	n.a.	F 27
S 28	15 28 27	21°49'52	24°29	16°32	6°21	3°35	23°31	8° 6	15°53	12°18	20°13	17°28	17°17	29°17	n.a.	S 28
S 29	15 32 23	22°46'57	8♌37	18°41	7°15	4°12	23°43	8°10	15°51	12°18	20°11	17°27	17°14	29°23	n.a.	S 29
M30	15 36 20	23°44'02	22°50	20°50	8° 9	4°49	23°55	8°13	15°49	12°17	20°10	17°D27	17°11	29°30	n.a.	M30
T 31	15 40 16	24♉41'08	7♍ 5	23♉ 0	9♈ 4	5♋26	24♊ 7	8♓17	15♐46	12♑16	20♏ 8	17♏27	17♏ 7	29♒37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	10n16	16n10	4s56	1s57	3s21	5s21	0s14	24n43	1n29	23n51	0n30	11s36	2s15	23s26	0s15	23s30	0s14	14s 0	4n27	17s23	17s42	8s12			n.a.
M 2	10 37	12 31	5 13	1 32	3 18	5 18	0 23	24 47	1 29	23 52	0 30	11 34	2 15	23 26	0 15	23 30	0 14	14 0	4 27	17 23	17 41	8 10			n.a.
T 3	10 58	8 6	5 11	1 5	3 15	5 14	0 32	24 50	1 28	23 53	0 30	11 32	2 15	23 25	0 15	23 30	0 14	13 59	4 27	17 23	17 40	8 7			n.a.
W 4	11 19	3 11	4 49	0 35	3 11	5 9	0 40	24 52	1 28	23 53	0 30	11 30	2 16	23 25	0 15	23 30	0 14	13 59	4 27	17 22	17 39	8 5			n.a.
T 5	11 39	1s57	4 9	0 4	3 6	5 4	0 48	24 55	1 28	23 54	0 30	11 28	2 16	23 25	0 15	23 30	0 14	13 59	4 27	17 22	17 38	8 3			n.a.
F 6	12 0	6 58	3 12	0n29	3 1	4 57	0 55	24 58	1 28	23 55	0 30	11 26	2 16	23 25	0 15	23 30	0 14	13 58	4 27	17 21	17 37	8 1			n.a.
S 7	12 20	11 32	2 4	1 4	2 55	4 50	1 3	25 0	1 28	23 56	0 30	11 24	2 16	23 25	0 15	23 30	0 14	13 58	4 27	17 21	17 37	7 59			n.a.
S 8	12 40	15 23	0 49	1 41	2 48	4 42	1 10	25 2	1 27	23 57	0 30	11 22	2 16	23 25	0 15	23 30	0 14	13 58	4 27	17 20	17 36	7 57			n.a.
M 9	12 59	18 15	0n27	2 20	2 41	4 33	1 17	25 4	1 27	23 58	0 30	11 21	2 17	23 25	0 15	23 30	0 14	13 57	4 27	17 20	17 35	7 54			n.a.
T 10	13 19	20 2	1 40	3 0	2 33	4 24	1 23	25 6	1 27	23 59	0 30	11 19	2 17	23 25	0 15	23 30	0 14	13 57	4 27	17 21	17 34	7 52			n.a.
W11	13 38	20 39	2 46	3 42	2 25	4 14	1 29	25 8	1 27	24 0	0 30	11 17	2 17	23 24	0 15	23 30	0 15	13 57	4 27	17 21	17 33	7 50			n.a.
T 12	13 58	20 10	3 41	4 25	2 16	4 3	1 35	25 9	1 26	24 1	0 30	11 15	2 17	23 24	0 15	23 30	0 15	13 57	4 26	17 21	17 32	7 48			n.a.
F 13	14 17	18 42	4 25	5 10	2 7	3 51	1 41	25 11	1 26	24 2	0 30	11 14	2 18	23 24	0 15	23 30	0 15	13 56	4 26	17 21	17 31	7 46			n.a.
S 14	14 35	16 24	4 56	5 56	1 57	3 39	1 47	25 12	1 26	24 2	0 30	11 12	2 18	23 24	0 15	23 31	0 15	13 56	4 26	17 21	17 30	7 44			n.a.
S 15	14 54	13 26	5 13	6 43	1 47	3 26	1 52	25 13	1 26	24 3	0 30	11 10	2 18	23 24	0 15	23 31	0 15	13 56	4 26	17 22	17 29	7 41			n.a.
M16	15 12	9 57	5 16	7 32	1 37	3 13	1 57	25 14	1 25	24 4	0 30	11 9	2 18	23 24	0 15	23 31	0 15	13 55	4 26	17 22	17 28	7 39			n.a.
T 17	15 30	6 5	5 6	8 21	1 26	2 59	2 2	25 15	1 25	24 5	0 30	11 7	2 19	23 23	0 15	23 31	0 15	13 55	4 26	17 21	17 28	7 37			n.a.
W18	15 48	1 59	4 43	9 11	1 15	2 44	2 6	25 15	1 25	24 6	0 30	11 5	2 19	23 23	0 15	23 31	0 15	13 55	4 26	17 21	17 27	7 35			n.a.
T 19	16 6	2n15	4 7	10 2	1 4	2 29	2 11	25 15	1 25	24 6	0 31	11 4	2 19	23 23	0 15	23 31	0 15	13 54	4 26	17 21	17 26	7 33			n.a.
F 20	16 23	6 27	3 20	10 54	0 52	2 14	2 15	25 16	1 24	24 7	0 31	11 2	2 19	23 23	0 15	23 31	0 15	13 54	4 26	17 21	17 25	7 30			n.a.
S 21	16 40	10 28	2 22	11 45	0 41	1 58	2 19	25 16	1 24	24 8	0 31	11 1	2 20	23 23	0 15	23 31	0 15	13 54	4 26	17 21	17 24	7 28			n.a.
S 22	16 57	14 6	1 17	12 37	0 30	1 41	2 23	25 16	1 24	24 9	0 31	10 59	2 20	23 22	0 15	23 31	0 15	13 53	4 26	17 21	17 23	7 26			n.a.
M23	17 14	17 8	0 6	13 29	0 18	1 24	2 26	25 15	1 23	24 10	0 31	10 58	2 20	23 22	0 15	23 31	0 15	13 53	4 26	17 21	17 22	7 24			n.a.
T 24	17 30	19 20	1s 7	14 20	0 7	1 7	2 29	25 15	1 23	24 10	0 31	10 57	2 20	23 22	0 15	23 31	0 15	13 53	4 25	17 21	17 21	7 22			n.a.
W25	17 46	20 30	2 17	15 11	0n 4	0 49	2 33	25 14	1 23	24 11	0 31	10 55	2 21	23 22	0 15	23 31	0 15	13 52	4 25	17 21	17 20	7 20			n.a.
T 26	18 2	20 29	3 20	16 1	0 15	0 31	2 35	25 13	1 23	24 12	0 31	10 54	2 21	23 22	0 15	23 32	0 15	13 52	4 25	17 21	17 19	7 17			n.a.
F 27	18 18	19 14	4 13	16 51	0 25	0 12	2 38	25 12	1 22	24 12	0 31	10 53	2 21	23 21	0 15	23 32	0 15	13 52	4 25	17 21	17 18	7 15			n.a.
S 28	18 33	16 49	4 52	17 38	0 35	0n 7	2 41	25 11	1 22	24 13	0 31	10 51	2 21	23 21	0 15	23 32	0 15	13 51	4 25	17 21	17 18	7 13			n.a.
S 29	18 48	13 24	5 13	18 24	0 45	0 26	2 43	25 9	1 22	24 14	0 31	10 50	2 22	23 21	0 15	23 32	0 15	13 51	4 25	17 20	17 17	7 11			n.a.
M30	19 2	9 11	5 15	19 9	0 54	0 46	2 45	25 8	1 21	24 14	0 31	10 49	2 22	23 21	0 15	23 32	0 15	13 51	4 25	17 20	17 16	7 9			n.a.
T 31	19n17	4n27	4s58	19n51	1n 3	1n 6	2s47	25n 6	1n21	24n15	0n31	10s48	2s22	23s21	0s15	23s32	0s15	13s51	4n25	17s20	17s15	7s 7			n.a.

Julian Day Number = 1191930.5, Delta T = 09h31m18s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'39, Lahiri = -23°57'39 Julian Calendar 1 May 1450 BCE == Greg. Calendar 18 Apr. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

JUNE 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 44 13	25♉38'13	21♍20	25♉ 9	9♈59	6♋ 2	24♊19	8♓21	15°R44	12°R15	20°R 7	17♏28	17♏ 4	29♒44	n.a.	W 1
T 2	15 48 10	26°35'18	5♎32	27°18	10°55	6°39	24°32	8°24	15♐42	12♑14	20♏ 5	17°28	17° 1	29°50	n.a.	T 2
F 3	15 52 6	27°32'24	19°38	29°26	11°51	7°16	24°44	8°28	15°40	12°13	20° 4	17°29	16°58	29°57	n.a.	F 3
S 4	15 56 3	28°29'30	3♏35	1♊33	12°47	7°53	24°56	8°31	15°37	12°12	20° 2	17°30	16°55	0♓ 4	n.a.	S 4
S 5	15 59 59	29°26'36	17°21	3°39	13°44	8°30	25° 9	8°34	15°35	12°11	20° 1	17°R30	16°52	0°10	n.a.	S 5
M 6	16 3 56	0♊23'44	0♐52	5°44	14°42	9° 8	25°21	8°37	15°33	12° 9	19°59	17°30	16°48	0°17	n.a.	M 6
T 7	16 7 52	1°20'51	14° 7	7°48	15°40	9°45	25°34	8°40	15°31	12° 8	19°58	17°29	16°45	0°24	n.a.	T 7
W 8	16 11 49	2°17'59	27° 5	9°50	16°38	10°22	25°46	8°43	15°28	12° 7	19°56	17°27	16°42	0°31	n.a.	W 8
T 9	16 15 45	3°15'09	9♑46	11°51	17°36	10°59	25°59	8°46	15°26	12° 6	19°55	17°25	16°39	0°37	n.a.	T 9
F 10	16 19 42	4°12'18	22°12	13°50	18°36	11°36	26°12	8°49	15°24	12° 5	19°53	17°23	16°36	0°44	n.a.	F 10
S 11	16 23 39	5° 9'29	4♒24	15°48	19°35	12°14	26°24	8°51	15°21	12° 4	19°52	17°20	16°33	0°51	n.a.	S 11
S 12	16 27 35	6° 6'41	16°26	17°44	20°35	12°51	26°37	8°54	15°19	12° 2	19°50	17°19	16°29	0°57	n.a.	S 12
M13	16 31 32	7° 3'54	28°21	19°38	21°35	13°28	26°50	8°56	15°17	12° 1	19°49	17°17	16°26	1° 4	n.a.	M13
T 14	16 35 28	8° 1'08	10♓14	21°30	22°35	14° 6	27° 2	8°58	15°14	12° 0	19°48	17°D17	16°23	1°11	n.a.	T 14
W15	16 39 25	8°58'23	22° 9	23°21	23°36	14°43	27°15	9° 1	15°12	11°59	19°46	17°18	16°20	1°18	n.a.	W15
T 16	16 43 21	9°55'39	4♈12	25°10	24°37	15°21	27°28	9° 3	15° 9	11°57	19°45	17°19	16°17	1°24	n.a.	T 16
F 17	16 47 18	10°52'56	16°26	26°58	25°39	15°58	27°41	9° 5	15° 7	11°56	19°43	17°21	16°13	1°31	n.a.	F 17
S 18	16 51 14	11°50'14	28°56	28°44	26°40	16°36	27°54	9° 7	15° 5	11°55	19°42	17°22	16°10	1°38	n.a.	S 18
S 19	16 55 11	12°47'34	11♉45	0♋28	27°42	17°14	28° 7	9° 8	15° 2	11°53	19°41	17°R23	16° 7	1°45	n.a.	S 19
M20	16 59 8	13°44'55	24°54	2°10	28°45	17°52	28°20	9°10	15° 0	11°52	19°39	17°23	16° 4	1°51	n.a.	M20
T 21	17 3 4	14°42'17	8♊24	3°51	29°47	18°29	28°33	9°12	14°57	11°50	19°38	17°22	16° 1	1°58	n.a.	T 21
W22	17 7 1	15°39'40	22°14	5°29	0♉50	19° 7	28°46	9°13	14°55	11°49	19°36	17°19	15°58	2° 5	n.a.	W22
T 23	17 10 57	16°37'04	6♋20	7° 7	1°53	19°45	28°59	9°15	14°53	11°47	19°35	17°15	15°54	2°11	n.a.	T 23
F 24	17 14 54	17°34'29	20°39	8°42	2°57	20°23	29°12	9°16	14°50	11°46	19°34	17°11	15°51	2°18	n.a.	F 24
S 25	17 18 50	18°31'55	5♌ 4	10°16	4° 0	21° 1	29°25	9°17	14°48	11°45	19°33	17° 7	15°48	2°25	n.a.	S 25
S 26	17 22 47	19°29'22	19°30	11°49	5° 4	21°39	29°38	9°18	14°45	11°43	19°31	17° 3	15°45	2°32	n.a.	S 26
M27	17 26 44	20°26'50	3♍52	13°19	6° 8	22°17	29°51	9°19	14°43	11°42	19°30	17° 1	15°42	2°38	n.a.	M27
T 28	17 30 40	21°24'19	18° 8	14°48	7°12	22°55	0♋ 4	9°20	14°41	11°40	19°29	16°D59	15°39	2°45	n.a.	T 28
W29	17 34 37	22°21'49	2♎14	16°15	8°17	23°33	0°17	9°21	14°38	11°39	19°28	17° 0	15°35	2°52	n.a.	W29
T 30	17 38 33	23♊19'20	16♎ 9	17♋41	9♉22	24♋11	0♋30	9♓21	14♐36	11♑37	19♏26	17♏ 1	15♏32	2♓58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n31	0s32	4s23	20n32	1n11	1n26	2s49	25n 4	1n21	24n16	0n31	10s47	2s22	23s20	0s15	23s32	0s15	13s50	4n25	17s21	17s14	7s 4		n.a.
T 2	19 44	5 28	3 32	21 10	1 18	1 47	2 51	25 2	1 21	24 16	0 31	10 46	2 23	23 20	0 15	23 32	0 15	13 50	4 24	17 21	17 13	7 2		n.a.
F 3	19 58	10 6	2 28	21 46	1 25	2 8	2 52	25 0	1 20	24 17	0 31	10 45	2 23	23 20	0 15	23 32	0 15	13 50	4 24	17 21	17 12	7 0		n.a.
S 4	20 11	14 7	1 16	22 19	1 31	2 29	2 54	24 57	1 20	24 17	0 31	10 44	2 23	23 20	0 15	23 33	0 15	13 49	4 24	17 21	17 11	6 58		n.a.
S 5	20 23	17 19	0 1	22 49	1 36	2 50	2 55	24 55	1 20	24 18	0 32	10 43	2 24	23 19	0 15	23 33	0 15	13 49	4 24	17 21	17 10	6 56		n.a.
M 6	20 36	19 30	1n13	23 17	1 40	3 12	2 56	24 52	1 19	24 18	0 32	10 42	2 24	23 19	0 15	23 33	0 15	13 49	4 24	17 21	17 9	6 53		n.a.
T 7	20 48	20 33	2 22	23 43	1 44	3 34	2 57	24 49	1 19	24 19	0 32	10 41	2 24	23 19	0 15	23 33	0 15	13 49	4 24	17 21	17 8	6 51		n.a.
W 8	20 59	20 28	3 22	24 5	1 48	3 56	2 57	24 46	1 19	24 19	0 32	10 40	2 24	23 19	0 15	23 33	0 15	13 48	4 24	17 20	17 7	6 49		n.a.
T 9	21 11	19 21	4 10	24 26	1 50	4 18	2 58	24 42	1 19	24 20	0 32	10 39	2 25	23 18	0 15	23 33	0 15	13 48	4 24	17 20	17 6	6 47		n.a.
F 10	21 22	17 18	4 45	24 43	1 52	4 40	2 58	24 39	1 18	24 20	0 32	10 39	2 25	23 18	0 16	23 33	0 15	13 48	4 23	17 19	17 6	6 45		n.a.
S 11	21 32	14 32	5 7	24 58	1 53	5 3	2 58	24 35	1 18	24 21	0 32	10 38	2 25	23 18	0 16	23 33	0 15	13 48	4 23	17 18	17 5	6 43		n.a.
S 12	21 43	11 11	5 15	25 10	1 54	5 25	2 59	24 31	1 18	24 21	0 32	10 37	2 26	23 18	0 16	23 34	0 15	13 47	4 23	17 18	17 4	6 40		n.a.
M13	21 52	7 26	5 9	25 20	1 54	5 48	2 59	24 27	1 17	24 21	0 32	10 36	2 26	23 17	0 16	23 34	0 15	13 47	4 23	17 18	17 3	6 38		n.a.
T 14	22 2	3 24	4 50	25 28	1 53	6 11	2 58	24 23	1 17	24 22	0 32	10 36	2 26	23 17	0 16	23 34	0 15	13 47	4 23	17 18	17 2	6 36		n.a.
W15	22 11	0n47	4 19	25 33	1 52	6 34	2 58	24 18	1 17	24 22	0 32	10 35	2 27	23 17	0 16	23 34	0 15	13 47	4 23	17 18	17 1	6 34		n.a.
T 16	22 20	4 59	3 36	25 36	1 50	6 57	2 58	24 14	1 16	24 23	0 32	10 35	2 27	23 17	0 16	23 34	0 15	13 46	4 23	17 18	17 0	6 32		n.a.
F 17	22 28	9 4	2 42	25 37	1 48	7 20	2 57	24 9	1 16	24 23	0 32	10 34	2 27	23 16	0 16	23 34	0 15	13 46	4 22	17 19	16 59	6 30		n.a.
S 18	22 36	12 50	1 40	25 36	1 45	7 43	2 57	24 4	1 16	24 23	0 32	10 34	2 27	23 16	0 16	23 34	0 15	13 46	4 22	17 19	16 58	6 27		n.a.
S 19	22 44	16 7	0 31	25 33	1 41	8 7	2 56	23 59	1 15	24 23	0 32	10 33	2 28	23 16	0 16	23 34	0 15	13 46	4 22	17 19	16 57	6 25		n.a.
M20	22 51	18 40	0s41	25 28	1 38	8 30	2 55	23 53	1 15	24 24	0 33	10 33	2 28	23 16	0 16	23 35	0 15	13 45	4 22	17 19	16 56	6 23		n.a.
T 21	22 58	20 14	1 53	25 22	1 33	8 53	2 54	23 48	1 15	24 24	0 33	10 33	2 28	23 15	0 16	23 35	0 15	13 45	4 22	17 19	16 55	6 21		n.a.
W22	23 5	20 39	2 59	25 13	1 29	9 16	2 53	23 42	1 14	24 24	0 33	10 32	2 29	23 15	0 16	23 35	0 15	13 45	4 22	17 18	16 54	6 19		n.a.
T 23	23 11	19 46	3 56	25 3	1 23	9 40	2 52	23 36	1 14	24 24	0 33	10 32	2 29	23 15	0 16	23 35	0 15	13 45	4 21	17 17	16 53	6 16		n.a.
F 24	23 16	17 39	4 39	24 52	1 18	10 3	2 50	23 30	1 14	24 24	0 33	10 32	2 29	23 15	0 16	23 35	0 15	13 45	4 21	17 16	16 53	6 14		n.a.
S 25	23 21	14 24	5 5	24 39	1 12	10 26	2 49	23 24	1 13	24 25	0 33	10 32	2 30	23 14	0 16	23 35	0 15	13 45	4 21	17 14	16 52	6 12		n.a.
S 26	23 26	10 18	5 12	24 25	1 5	10 49	2 47	23 17	1 13	24 25	0 33	10 32	2 30	23 14	0 16	23 36	0 15	13 44	4 21	17 13	16 51	6 10		n.a.
M27	23 31	5 38	4 59	24 9	0 59	11 12	2 46	23 11	1 13	24 25	0 33	10 32	2 30	23 14	0 16	23 36	0 15	13 44	4 21	17 13	16 50	6 8		n.a.
T 28	23 35	0 41	4 27	23 53	0 52	11 35	2 44	23 4	1 12	24 25	0 33	10 31	2 30	23 14	0 16	23 36	0 15	13 44	4 21	17 12	16 49	6 6		n.a.
W29	23 38	4s15	3 40	23 35	0 44	11 57	2 42	22 57	1 12	24 25	0 33	10 31	2 31	23 13	0 16	23 36	0 15	13 44	4 20	17 13	16 48	6 3		n.a.
T 30	23n41	8s55	2s40	23n16	0n36	12n20	2s40	22n50	1n12	24n25	0n33	10s31	2s31	23s13	0s16	23s36	0s15	13s44	4n20	17s13	16s47	6s 1		n.a.

Julian Day Number = 1191961.5, Delta T = 09h31m16s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'35, Lahiri = -23°57'35 Julian Calendar 1 June 1450 BCE == Greg. Calendar 19 May 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

JULY 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 42 30	24♊16'52	29♎53	19♋ 4	10♉27	24♋50	0♋43	9♓22	14°R34	11°R35	19°R25	17♏ 2	15♏29	3♓ 5	n.a.	F 1
S 2	17 46 26	25°14'25	13♏25	20°26	11°32	25°28	0°56	9°22	14♐31	11♑34	19♏24	17°R 3	15°26	3°12	n.a.	S 2
S 3	17 50 23	26°11'59	26°45	21°46	12°37	26° 6	1° 9	9°23	14°29	11°32	19°23	17° 3	15°23	3°19	n.a.	S 3
M 4	17 54 19	27° 9'35	9♐53	23° 4	13°43	26°44	1°22	9°23	14°27	11°31	19°22	17° 1	15°19	3°25	n.a.	M 4
T 5	17 58 16	28° 7'12	22°49	24°20	14°48	27°23	1°36	9°23	14°24	11°29	19°21	16°57	15°16	3°32	n.a.	T 5
W 6	18 2 13	29° 4'50	5♑32	25°34	15°54	28° 1	1°49	9°R23	14°22	11°28	19°20	16°51	15°13	3°39	n.a.	W 6
T 7	18 6 9	0♋ 2'30	18° 2	26°46	17° 1	28°40	2° 2	9°23	14°20	11°26	19°18	16°44	15°10	3°45	n.a.	T 7
F 8	18 10 6	1° 0'12	0♒21	27°56	18° 7	29°18	2°15	9°23	14°17	11°24	19°17	16°36	15° 7	3°52	n.a.	F 8
S 9	18 14 2	1°57'55	12°29	29° 4	19°13	29°57	2°28	9°23	14°15	11°23	19°16	16°28	15° 4	3°59	n.a.	S 9
S 10	18 17 59	2°55'40	24°28	0♌10	20°20	0♌36	2°41	9°22	14°13	11°21	19°15	16°21	15° 0	4° 6	n.a.	S 10
M11	18 21 55	3°53'26	6♓22	1°13	21°27	1°14	2°54	9°22	14°11	11°20	19°14	16°15	14°57	4°12	n.a.	M11
T 12	18 25 52	4°51'15	18°13	2°13	22°34	1°53	3° 8	9°21	14° 8	11°18	19°13	16°12	14°54	4°19	n.a.	T 12
W13	18 29 48	5°49'05	0♈ 7	3°11	23°41	2°32	3°21	9°20	14° 6	11°16	19°13	16°10	14°51	4°26	n.a.	W13
T 14	18 33 45	6°46'57	12° 8	4° 6	24°49	3°10	3°34	9°19	14° 4	11°15	19°12	16°D10	14°48	4°32	n.a.	T 14
F 15	18 37 42	7°44'52	24°21	4°58	25°56	3°49	3°47	9°19	14° 2	11°13	19°11	16°11	14°45	4°39	n.a.	F 15
S 16	18 41 38	8°42'48	6♉51	5°47	27° 4	4°28	4° 0	9°17	14° 0	11°11	19°10	16°12	14°41	4°46	n.a.	S 16
S 17	18 45 35	9°40'46	19°42	6°32	28°12	5° 7	4°13	9°16	13°58	11°10	19° 9	16°R12	14°38	4°53	n.a.	S 17
M18	18 49 31	10°38'47	2♊58	7°14	29°20	5°46	4°26	9°15	13°56	11° 8	19° 8	16°11	14°35	4°59	n.a.	M18
T 19	18 53 28	11°36'49	16°41	7°52	0♊28	6°25	4°40	9°14	13°54	11° 6	19° 7	16° 7	14°32	5° 6	n.a.	T 19
W20	18 57 24	12°34'53	0♋49	8°26	1°37	7° 4	4°53	9°12	13°52	11° 5	19° 7	16° 2	14°29	5°13	n.a.	W20
T 21	19 1 21	13°32'59	15°18	8°56	2°45	7°44	5° 6	9°11	13°50	11° 3	19° 6	15°54	14°25	5°19	n.a.	T 21
F 22	19 5 17	14°31'07	0♌ 2	9°22	3°54	8°23	5°19	9° 9	13°48	11° 1	19° 5	15°45	14°22	5°26	n.a.	F 22
S 23	19 9 14	15°29'17	14°54	9°42	5° 3	9° 2	5°32	9° 7	13°46	11° 0	19° 5	15°36	14°19	5°33	n.a.	S 23
S 24	19 13 11	16°27'29	29°44	9°58	6°12	9°41	5°45	9° 5	13°44	10°58	19° 4	15°28	14°16	5°40	n.a.	S 24
M25	19 17 7	17°25'42	14♍25	10° 8	7°21	10°21	5°58	9° 3	13°42	10°57	19° 3	15°22	14°13	5°46	n.a.	M25
T 26	19 21 4	18°23'56	28°51	10°R13	8°30	11° 0	6°11	9° 1	13°40	10°55	19° 3	15°18	14°10	5°53	n.a.	T 26
W27	19 25 0	19°22'12	12♎59	10°11	9°39	11°40	6°24	8°59	13°38	10°53	19° 2	15°17	14° 6	6° 0	n.a.	W27
T 28	19 28 57	20°20'30	26°49	10° 4	10°49	12°19	6°37	8°57	13°37	10°52	19° 2	15°D17	14° 3	6° 6	n.a.	T 28
F 29	19 32 53	21°18'50	10♏20	9°50	11°58	12°59	6°50	8°54	13°35	10°50	19° 1	15°R17	14° 0	6°13	n.a.	F 29
S 30	19 36 50	22°17'11	23°34	9°29	13° 8	13°38	7° 3	8°52	13°33	10°48	19° 1	15°17	13°57	6°20	n.a.	S 30
S 31	19 40 46	23♋15'34	6♐35	9♌ 2	14♊18	14♌18	7♋16	8♓49	13♐31	10♑47	19♏ 0	15♏15	13♏54	6♓27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n44	13s 4	1s32	22n57	0n28	12n43	2s38	22n43	1n11	24n25	0n33	10s32	2s31	23s13	0s16	23s36	0s15	13s44	4n20	17s13	16s46	5s59		n.a.
S 2	23 47	16 27	0 20	22 37	0 20	13 5	2 36	22 35	1 11	24 25	0 34	10 32	2 32	23 12	0 16	23 36	0 15	13 43	4 20	17 14	16 45	5 57		n.a.
S 3	23 48	18 55	0n52	22 15	0 11	13 27	2 34	22 27	1 11	24 25	0 34	10 32	2 32	23 12	0 16	23 37	0 16	13 43	4 20	17 13	16 44	5 55		n.a.
M 4	23 50	20 20	2 1	21 54	0 3	13 49	2 32	22 20	1 10	24 25	0 34	10 32	2 32	23 12	0 16	23 37	0 16	13 43	4 19	17 13	16 43	5 52		n.a.
T 5	23 51	20 39	3 1	21 31	0s 7	14 11	2 30	22 12	1 10	24 25	0 34	10 32	2 33	23 12	0 16	23 37	0 16	13 43	4 19	17 12	16 42	5 50		n.a.
W 6	23 52	19 53	3 52	21 9	0 16	14 33	2 27	22 3	1 9	24 25	0 34	10 33	2 33	23 11	0 16	23 37	0 16	13 43	4 19	17 10	16 41	5 48		n.a.
T 7	23 52	18 9	4 31	20 45	0 25	14 54	2 25	21 55	1 9	24 25	0 34	10 33	2 33	23 11	0 16	23 37	0 16	13 43	4 19	17 8	16 40	5 46		n.a.
F 8	23 52	15 37	4 56	20 22	0 35	15 15	2 22	21 47	1 9	24 25	0 34	10 33	2 34	23 11	0 16	23 37	0 16	13 43	4 19	17 6	16 39	5 44		n.a.
S 9	23 51	12 27	5 7	19 58	0 45	15 36	2 20	21 38	1 8	24 25	0 34	10 34	2 34	23 11	0 16	23 37	0 16	13 43	4 18	17 3	16 38	5 42		n.a.
S 10	23 50	8 49	5 5	19 34	0 55	15 57	2 17	21 29	1 8	24 24	0 34	10 34	2 34	23 10	0 16	23 38	0 16	13 43	4 18	17 1	16 37	5 39		n.a.
M11	23 48	4 52	4 49	19 11	1 6	16 17	2 14	21 20	1 8	24 24	0 34	10 34	2 34	23 10	0 16	23 38	0 16	13 42	4 18	17 0	16 37	5 37		n.a.
T 12	23 46	0 44	4 21	18 47	1 16	16 37	2 12	21 11	1 7	24 24	0 34	10 35	2 35	23 10	0 16	23 38	0 16	13 42	4 18	16 59	16 36	5 35		n.a.
W13	23 44	3n26	3 42	18 23	1 27	16 57	2 9	21 2	1 7	24 24	0 35	10 36	2 35	23 10	0 16	23 38	0 16	13 42	4 18	16 58	16 35	5 33		n.a.
T 14	23 41	7 31	2 53	18 0	1 37	17 16	2 6	20 52	1 6	24 23	0 35	10 36	2 35	23 9	0 16	23 38	0 16	13 42	4 17	16 58	16 34	5 31		n.a.
F 15	23 38	11 22	1 55	17 37	1 48	17 36	2 3	20 42	1 6	24 23	0 35	10 37	2 36	23 9	0 16	23 38	0 16	13 42	4 17	16 58	16 33	5 29		n.a.
S 16	23 34	14 50	0 50	17 15	1 59	17 54	2 0	20 33	1 6	24 23	0 35	10 37	2 36	23 9	0 16	23 39	0 16	13 42	4 17	16 59	16 32	5 26		n.a.
S 17	23 30	17 40	0s19	16 53	2 9	18 13	1 57	20 23	1 5	24 23	0 35	10 38	2 36	23 8	0 16	23 39	0 16	13 42	4 17	16 59	16 31	5 24		n.a.
M18	23 26	19 40	1 29	16 32	2 20	18 31	1 54	20 13	1 5	24 22	0 35	10 39	2 36	23 8	0 16	23 39	0 16	13 42	4 17	16 58	16 30	5 22		n.a.
T 19	23 21	20 36	2 36	16 12	2 31	18 49	1 51	20 2	1 5	24 22	0 35	10 40	2 37	23 8	0 16	23 39	0 16	13 42	4 16	16 57	16 29	5 20		n.a.
W20	23 15	20 16	3 35	15 53	2 41	19 6	1 47	19 52	1 4	24 21	0 35	10 41	2 37	23 8	0 16	23 39	0 16	13 42	4 16	16 56	16 28	5 18		n.a.
T 21	23 10	18 37	4 22	15 35	2 52	19 23	1 44	19 41	1 4	24 21	0 35	10 41	2 37	23 8	0 16	23 39	0 16	13 42	4 16	16 53	16 27	5 15		n.a.
F 22	23 3	15 44	4 53	15 18	3 2	19 39	1 41	19 30	1 3	24 21	0 35	10 42	2 38	23 7	0 16	23 40	0 16	13 42	4 16	16 51	16 26	5 13		n.a.
S 23	22 57	11 48	5 4	15 3	3 12	19 55	1 38	19 20	1 3	24 20	0 36	10 43	2 38	23 7	0 16	23 40	0 16	13 42	4 16	16 48	16 25	5 11		n.a.
S 24	22 50	7 10	4 55	14 50	3 21	20 10	1 34	19 8	1 3	24 20	0 36	10 44	2 38	23 7	0 16	23 40	0 16	13 42	4 15	16 46	16 24	5 9		n.a.
M25	22 42	2 9	4 26	14 38	3 30	20 26	1 31	18 57	1 2	24 19	0 36	10 45	2 38	23 7	0 16	23 40	0 16	13 42	4 15	16 44	16 23	5 7		n.a.
T 26	22 34	2s54	3 41	14 29	3 39	20 40	1 28	18 46	1 2	24 19	0 36	10 46	2 39	23 6	0 16	23 40	0 16	13 42	4 15	16 43	16 22	5 5		n.a.
W27	22 26	7 43	2 43	14 22	3 47	20 54	1 24	18 34	1 1	24 18	0 36	10 47	2 39	23 6	0 16	23 40	0 16	13 42	4 15	16 42	16 21	5 2		n.a.
T 28	22 17	12 1	1 37	14 17	3 54	21 8	1 21	18 23	1 1	24 18	0 36	10 49	2 39	23 6	0 16	23 40	0 16	13 42	4 14	16 42	16 20	5 0		n.a.
F 29	22 8	15 36	0 26	14 15	4 0	21 21	1 17	18 11	1 0	24 17	0 36	10 50	2 40	23 6	0 16	23 41	0 16	13 43	4 14	16 42	16 19	4 58		n.a.
S 30	21 59	18 17	0n44	14 15	4 5	21 33	1 14	17 59	1 0	24 17	0 36	10 51	2 40	23 5	0 16	23 41	0 16	13 43	4 14	16 42	16 18	4 56		n.a.
S 31	21n49	19s58	1n51	14n19	4s 9	21n45	1s11	17n47	1n 0	24n16	0n36	10s52	2s40	23s 5	0s16	23s41	0s16	13s43	4n14	16s42	16s17	4s54		n.a.

Julian Day Number = 1191991.5, Delta T = 09h31m14s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'31, Lahiri = -23°57'30 Julian Calendar 1 July 1450 BCE == Greg. Calendar 18 June 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

AUGUST 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 44 43	24♋13'59	19♐23	8°R29	15♊28	14♌57	7♋29	8°R47	13°R30	10°R45	19°R 0	15°R11	13♏50	6♓33	n.a.	M 1
T 2	19 48 40	25°12'26	1♑59	7♌49	16°38	15°37	7°41	8♓44	13♐28	10♑44	18♏59	15♏ 3	13°47	6°40	n.a.	T 2
W 3	19 52 36	26°10'55	14°26	7° 3	17°48	16°17	7°54	8°41	13°27	10°42	18°59	14°54	13°44	6°47	n.a.	W 3
T 4	19 56 33	27° 9'26	26°44	6°12	18°58	16°57	8° 7	8°38	13°25	10°41	18°59	14°42	13°41	6°53	n.a.	T 4
F 5	20 0 29	28° 7'58	8♒53	5°16	20° 9	17°37	8°20	8°35	13°24	10°39	18°58	14°28	13°38	7° 0	n.a.	F 5
S 6	20 4 26	29° 6'33	20°55	4°17	21°19	18°17	8°33	8°32	13°22	10°37	18°58	14°15	13°35	7° 7	n.a.	S 6
S 7	20 8 22	0♌ 5'10	2♓51	3°15	22°30	18°57	8°45	8°29	13°21	10°36	18°58	14° 3	13°31	7°14	n.a.	S 7
M 8	20 12 19	1° 3'50	14°42	2°11	23°41	19°37	8°58	8°26	13°19	10°34	18°58	13°53	13°28	7°20	n.a.	M 8
T 9	20 16 15	2° 2'31	26°32	1° 8	24°52	20°17	9°11	8°22	13°18	10°33	18°57	13°46	13°25	7°27	n.a.	T 9
W10	20 20 12	3° 1'15	8♈23	0° 7	26° 3	20°57	9°23	8°19	13°17	10°31	18°57	13°41	13°22	7°34	n.a.	W10
T 11	20 24 8	4° 0'01	20°22	29♋ 9	27°14	21°37	9°36	8°16	13°16	10°30	18°57	13°39	13°19	7°40	n.a.	T 11
F 12	20 28 5	4°58'50	2♉31	28°16	28°25	22°17	9°48	8°12	13°14	10°28	18°57	13°D38	13°16	7°47	n.a.	F 12
S 13	20 32 2	5°57'41	14°58	27°29	29°37	22°57	10° 1	8° 8	13°13	10°27	18°57	13°R38	13°12	7°54	n.a.	S 13
S 14	20 35 58	6°56'34	27°46	26°49	0♋48	23°38	10°13	8° 5	13°12	10°26	18°57	13°38	13° 9	8° 1	n.a.	S 14
M15	20 39 55	7°55'31	11♊ 0	26°18	2° 0	24°18	10°25	8° 1	13°11	10°24	18°D57	13°35	13° 6	8° 7	n.a.	M15
T 16	20 43 51	8°54'29	24°43	25°55	3°11	24°59	10°38	7°57	13°10	10°23	18°57	13°31	13° 3	8°14	n.a.	T 16
W17	20 47 48	9°53'30	8♋56	25°43	4°23	25°39	10°50	7°53	13° 9	10°21	18°57	13°24	13° 0	8°21	n.a.	W17
T 18	20 51 44	10°52'33	23°36	25°D41	5°35	26°20	11° 2	7°49	13° 8	10°20	18°57	13°14	12°56	8°27	n.a.	T 18
F 19	20 55 41	11°51'39	8♌36	25°49	6°47	27° 0	11°15	7°45	13° 7	10°19	18°57	13° 3	12°53	8°34	n.a.	F 19
S 20	20 59 37	12°50'46	23°47	26° 7	7°59	27°41	11°27	7°41	13° 6	10°17	18°57	12°51	12°50	8°41	n.a.	S 20
S 21	21 3 34	13°49'56	8♍59	26°34	9°11	28°22	11°39	7°37	13° 5	10°16	18°58	12°41	12°47	8°48	n.a.	S 21
M22	21 7 30	14°49'08	24° 1	27°11	10°23	29° 2	11°51	7°32	13° 5	10°15	18°58	12°33	12°44	8°54	n.a.	M22
T 23	21 11 27	15°48'22	8♎44	27°57	11°36	29°43	12° 3	7°28	13° 4	10°13	18°58	12°27	12°41	9° 1	n.a.	T 23
W24	21 15 24	16°47'37	23° 3	28°51	12°48	0♍24	12°15	7°24	13° 3	10°12	18°58	12°25	12°37	9° 8	n.a.	W24
T 25	21 19 20	17°46'55	6♏58	29°53	14° 0	1° 5	12°27	7°19	13° 3	10°11	18°59	12°24	12°34	9°14	n.a.	T 25
F 26	21 23 17	18°46'14	20°28	1♌ 1	15°13	1°46	12°38	7°15	13° 2	10°10	18°59	12°24	12°31	9°21	n.a.	F 26
S 27	21 27 13	19°45'36	3♐37	2°15	16°26	2°27	12°50	7°10	13° 2	10° 9	18°59	12°23	12°28	9°28	n.a.	S 27
S 28	21 31 10	20°44'59	16°27	3°35	17°38	3° 8	13° 2	7° 6	13° 1	10° 7	19° 0	12°21	12°25	9°35	n.a.	S 28
M29	21 35 6	21°44'25	29° 2	4°59	18°51	3°49	13°13	7° 1	13° 1	10° 6	19° 0	12°16	12°22	9°41	n.a.	M29
T 30	21 39 3	22°43'52	11♑25	6°28	20° 4	4°30	13°25	6°57	13° 0	10° 5	19° 1	12° 9	12°18	9°48	n.a.	T 30
W31	21 42 59	23♌43'21	23♑38	7♌59	21♋17	5♍11	13♋36	6♓52	13♐ 0	10♑ 4	19♏ 1	11♏58	12♏15	9♓55	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n39	20s36	2n51	14n25	4s11	21n57	1s 7	17n35	0n59	24n15	0n37	10s53	2s40	23s 5	0s16	23s41	0s16	13s43	4n14	16s41	16s16	4s52			n.a.
T 2	21 28	20 10	3 41	14 35	4 12	22 7	1 4	17 22	0 59	24 15	0 37	10 55	2 41	23 5	0 16	23 41	0 16	13 43	4 13	16 38	16 15	4 49			n.a.
W 3	21 17	18 45	4 20	14 47	4 12	22 18	1 0	17 10	0 58	24 14	0 37	10 56	2 41	23 5	0 16	23 41	0 16	13 43	4 13	16 35	16 14	4 47			n.a.
T 4	21 6	16 30	4 46	15 2	4 9	22 27	0 57	16 57	0 58	24 13	0 37	10 57	2 41	23 4	0 16	23 41	0 16	13 43	4 13	16 32	16 14	4 45			n.a.
F 5	20 54	13 33	4 59	15 20	4 5	22 36	0 53	16 44	0 57	24 13	0 37	10 59	2 41	23 4	0 16	23 42	0 16	13 43	4 13	16 28	16 13	4 43			n.a.
S 6	20 42	10 4	4 59	15 41	3 58	22 45	0 50	16 31	0 57	24 12	0 37	11 0	2 42	23 4	0 16	23 42	0 16	13 43	4 12	16 24	16 12	4 41			n.a.
S 7	20 29	6 13	4 45	16 3	3 49	22 53	0 46	16 18	0 57	24 11	0 37	11 1	2 42	23 4	0 16	23 42	0 16	13 44	4 12	16 20	16 11	4 38			n.a.
M 8	20 17	2 9	4 19	16 28	3 39	23 0	0 43	16 5	0 56	24 11	0 37	11 3	2 42	23 4	0 16	23 42	0 16	13 44	4 12	16 17	16 10	4 36			n.a.
T 9	20 3	1n59	3 42	16 54	3 26	23 7	0 39	15 52	0 56	24 10	0 38	11 4	2 42	23 4	0 16	23 42	0 16	13 44	4 12	16 15	16 9	4 34			n.a.
W10	19 50	6 3	2 55	17 21	3 12	23 13	0 36	15 38	0 55	24 9	0 38	11 6	2 42	23 3	0 16	23 42	0 16	13 44	4 12	16 14	16 8	4 32			n.a.
T 11	19 36	9 56	2 0	17 49	2 56	23 18	0 32	15 25	0 55	24 8	0 38	11 7	2 43	23 3	0 16	23 42	0 16	13 44	4 11	16 13	16 7	4 30			n.a.
F 12	19 21	13 29	0 59	18 17	2 39	23 23	0 29	15 11	0 54	24 7	0 38	11 9	2 43	23 3	0 16	23 42	0 16	13 45	4 11	16 13	16 6	4 28			n.a.
S 13	19 7	16 30	0s 7	18 44	2 21	23 27	0 25	14 57	0 54	24 7	0 38	11 11	2 43	23 3	0 16	23 43	0 16	13 45	4 11	16 13	16 5	4 25			n.a.
S 14	18 52	18 49	1 14	19 10	2 2	23 30	0 22	14 43	0 53	24 6	0 38	11 12	2 43	23 3	0 16	23 43	0 16	13 45	4 11	16 12	16 4	4 23			n.a.
M15	18 37	20 11	2 19	19 35	1 43	23 32	0 18	14 29	0 53	24 5	0 38	11 14	2 43	23 3	0 16	23 43	0 16	13 45	4 10	16 12	16 3	4 21			n.a.
T 16	18 21	20 27	3 19	19 58	1 24	23 34	0 15	14 15	0 52	24 4	0 39	11 16	2 44	23 3	0 16	23 43	0 16	13 45	4 10	16 10	16 2	4 19			n.a.
W17	18 5	19 26	4 8	20 19	1 4	23 36	0 12	14 1	0 52	24 3	0 39	11 17	2 44	23 2	0 16	23 43	0 16	13 46	4 10	16 8	16 1	4 17			n.a.
T 18	17 49	17 7	4 43	20 38	0 46	23 36	0 8	13 46	0 52	24 2	0 39	11 19	2 44	23 2	0 16	23 43	0 16	13 46	4 10	16 5	16 0	4 15			n.a.
F 19	17 32	13 37	4 59	20 55	0 27	23 36	0 5	13 32	0 51	24 1	0 39	11 21	2 44	23 2	0 16	23 43	0 16	13 46	4 9	16 2	15 59	4 12			n.a.
S 20	17 15	9 12	4 55	21 8	0 10	23 35	0 2	13 17	0 51	24 1	0 39	11 22	2 44	23 2	0 16	23 43	0 16	13 46	4 9	15 58	15 58	4 10			n.a.
S 21	16 58	4 11	4 30	21 19	0n 6	23 34	0n 2	13 2	0 50	24 0	0 39	11 24	2 45	23 2	0 16	23 44	0 16	13 47	4 9	15 55	15 57	4 8			n.a.
M22	16 41	1s 2	3 46	21 27	0 22	23 32	0 5	12 47	0 50	23 59	0 39	11 26	2 45	23 2	0 16	23 44	0 16	13 47	4 9	15 53	15 56	4 6			n.a.
T 23	16 23	6 5	2 48	21 32	0 36	23 29	0 8	12 32	0 49	23 58	0 40	11 28	2 45	23 2	0 16	23 44	0 16	13 47	4 9	15 51	15 55	4 4			n.a.
W24	16 5	10 40	1 40	21 33	0 49	23 25	0 11	12 17	0 49	23 57	0 40	11 29	2 45	23 2	0 16	23 44	0 16	13 48	4 8	15 50	15 54	4 2			n.a.
T 25	15 46	14 32	0 29	21 32	1 1	23 21	0 14	12 2	0 48	23 56	0 40	11 31	2 45	23 2	0 16	23 44	0 16	13 48	4 8	15 50	15 53	3 59			n.a.
F 26	15 28	17 30	0n43	21 27	1 11	23 16	0 17	11 47	0 48	23 55	0 40	11 33	2 45	23 2	0 16	23 44	0 16	13 48	4 8	15 50	15 52	3 57			n.a.
S 27	15 9	19 27	1 50	21 19	1 21	23 10	0 20	11 31	0 47	23 54	0 40	11 35	2 45	23 1	0 16	23 44	0 16	13 48	4 8	15 50	15 51	3 55			n.a.
S 28	14 50	20 21	2 50	21 8	1 29	23 4	0 23	11 16	0 47	23 53	0 40	11 37	2 46	23 1	0 16	23 44	0 16	13 49	4 7	15 49	15 50	3 53			n.a.
M29	14 30	20 12	3 40	20 54	1 36	22 57	0 26	11 0	0 46	23 52	0 40	11 39	2 46	23 1	0 16	23 44	0 16	13 49	4 7	15 47	15 49	3 51			n.a.
T 30	14 11	19 4	4 19	20 38	1 42	22 49	0 29	10 44	0 46	23 51	0 41	11 40	2 46	23 1	0 16	23 44	0 16	13 50	4 7	15 45	15 48	3 49			n.a.
W31	13n51	17s 4	4n45	20n18	1n46	22n40	0n32	10n28	0n45	23n50	0n41	11s42	2s46	23s 1	0s16	23s45	0s16	13s50	4n 7	15s42	15s47	3s46			n.a.

Julian Day Number = 1192022.5, Delta T = 09h31m12s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'27, Lahiri = -23°57'26 Julian Calendar 1 Aug. 1450 BCE == Greg. Calendar 19 July 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

SEPTEMBER 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 46 56	24♌42'53	5♒45	9♌34	22♋30	5♍53	13♋48	6°R47	13°R 0	10°R 3	19♏ 2	11°R46	12♏12	10♓ 1	n.a.	T 1
F 2	21 50 52	25°42'26	17°45	11°10	23°43	6°34	13°59	6♓42	13♐ 0	10♑ 2	19° 2	11♏32	12° 9	10° 8	n.a.	F 2
S 3	21 54 49	26°42'02	29°41	12°49	24°57	7°15	14°10	6°38	12°59	10° 1	19° 3	11°18	12° 6	10°15	n.a.	S 3
S 4	21 58 46	27°41'39	11♓33	14°29	26°10	7°57	14°22	6°33	12°59	10° 0	19° 3	11° 5	12° 2	10°21	n.a.	S 4
M 5	22 2 42	28°41'19	23°23	16°10	27°23	8°38	14°33	6°28	12°59	9°59	19° 4	10°55	11°59	10°28	n.a.	M 5
T 6	22 6 39	29°41'01	5♈14	17°53	28°37	9°19	14°44	6°23	12°D59	9°58	19° 5	10°46	11°56	10°35	n.a.	T 6
W 7	22 10 35	0♍40'46	17° 7	19°35	29°50	10° 1	14°55	6°19	12°59	9°57	19° 5	10°41	11°53	10°42	n.a.	W 7
T 8	22 14 32	1°40'32	29° 6	21°18	1♌ 4	10°43	15° 6	6°14	12°59	9°56	19° 6	10°39	11°50	10°48	n.a.	T 8
F 9	22 18 28	2°40'21	11♉15	23° 1	2°17	11°24	15°16	6° 9	13° 0	9°55	19° 7	10°D38	11°47	10°55	n.a.	F 9
S 10	22 22 25	3°40'13	23°39	24°45	3°31	12° 6	15°27	6° 4	13° 0	9°55	19° 8	10°38	11°43	11° 2	n.a.	S 10
S 11	22 26 21	4°40'07	6♊23	26°28	4°45	12°48	15°38	5°59	13° 0	9°54	19° 9	10°R39	11°40	11° 8	n.a.	S 11
M12	22 30 18	5°40'03	19°31	28°11	5°59	13°30	15°48	5°54	13° 0	9°53	19° 9	10°38	11°37	11°15	n.a.	M12
T 13	22 34 14	6°40'02	3♋ 6	29°54	7°13	14°11	15°59	5°49	13° 1	9°52	19°10	10°35	11°34	11°22	n.a.	T 13
W14	22 38 11	7°40'03	17°12	1♍36	8°27	14°53	16° 9	5°44	13° 1	9°52	19°11	10°29	11°31	11°29	n.a.	W14
T 15	22 42 8	8°40'07	1♌46	3°18	9°41	15°35	16°19	5°40	13° 2	9°51	19°12	10°22	11°28	11°35	n.a.	T 15
F 16	22 46 4	9°40'12	16°44	5° 0	10°55	16°17	16°30	5°35	13° 2	9°50	19°13	10°13	11°24	11°42	n.a.	F 16
S 17	22 50 1	10°40'20	1♍59	6°41	12° 9	17° 0	16°40	5°30	13° 3	9°50	19°14	10° 3	11°21	11°49	n.a.	S 17
S 18	22 53 57	11°40'30	17°19	8°22	13°23	17°42	16°50	5°25	13° 3	9°49	19°15	9°55	11°18	11°55	n.a.	S 18
M19	22 57 54	12°40'41	2♎33	10° 2	14°38	18°24	17° 0	5°20	13° 4	9°49	19°16	9°48	11°15	12° 2	n.a.	M19
T 20	23 1 50	13°40'55	17°30	11°42	15°52	19° 6	17° 9	5°15	13° 5	9°48	19°17	9°43	11°12	12° 9	n.a.	T 20
W21	23 5 47	14°41'10	2♏ 4	13°21	17° 6	19°48	17°19	5°11	13° 5	9°48	19°19	9°41	11° 8	12°15	n.a.	W21
T 22	23 9 43	15°41'27	16°11	15° 0	18°21	20°31	17°29	5° 6	13° 6	9°47	19°20	9°D41	11° 5	12°22	n.a.	T 22
F 23	23 13 40	16°41'46	29°50	16°39	19°35	21°13	17°38	5° 1	13° 7	9°47	19°21	9°42	11° 2	12°29	n.a.	F 23
S 24	23 17 37	17°42'06	13♐ 3	18°17	20°50	21°56	17°47	4°56	13° 8	9°46	19°22	9°R43	10°59	12°36	n.a.	S 24
S 25	23 21 33	18°42'28	25°53	19°54	22° 4	22°38	17°57	4°52	13° 9	9°46	19°23	9°43	10°56	12°42	n.a.	S 25
M26	23 25 30	19°42'52	8♑24	21°31	23°19	23°21	18° 6	4°47	13°10	9°46	19°25	9°41	10°53	12°49	n.a.	M26
T 27	23 29 26	20°43'17	20°41	23° 8	24°33	24° 3	18°15	4°42	13°11	9°45	19°26	9°37	10°49	12°56	n.a.	T 27
W28	23 33 23	21°43'44	2♒47	24°44	25°48	24°46	18°24	4°38	13°12	9°45	19°27	9°30	10°46	13° 2	n.a.	W28
T 29	23 37 19	22°44'12	14°46	26°20	27° 3	25°29	18°33	4°33	13°13	9°45	19°28	9°22	10°43	13° 9	n.a.	T 29
F 30	23 41 16	23♍44'42	26♒40	27♍55	28♌18	26♍11	18♋41	4♓29	13♐14	9♑45	19♏30	9♏13	10♏40	13♓16	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n31	14s21	4n59	19n56	1n50	22n31	0n35	10n13	0n45	23n49	0n41	11s44	2s46	23s 1	0s16	23s45	0s16	13s50	4n 6	15s38	15s46	3s44		n.a.
F 2	13 11	11 3	4 59	19 32	1 53	22 21	0 38	9 57	0 44	23 48	0 41	11 46	2 46	23 1	0 16	23 45	0 16	13 51	4 6	15 34	15 45	3 42		n.a.
S 3	12 50	7 20	4 45	19 6	1 55	22 11	0 40	9 40	0 44	23 47	0 41	11 48	2 46	23 1	0 16	23 45	0 16	13 51	4 6	15 29	15 44	3 40		n.a.
S 4	12 29	3 22	4 20	18 37	1 56	22 0	0 43	9 24	0 43	23 46	0 41	11 50	2 46	23 1	0 16	23 45	0 16	13 51	4 6	15 25	15 43	3 38		n.a.
M 5	12 8	0n44	3 43	18 7	1 57	21 48	0 46	9 8	0 43	23 45	0 42	11 52	2 46	23 1	0 16	23 45	0 16	13 52	4 6	15 22	15 42	3 36		n.a.
T 6	11 47	4 48	2 56	17 35	1 56	21 35	0 48	8 52	0 42	23 44	0 42	11 54	2 46	23 1	0 16	23 45	0 16	13 52	4 5	15 19	15 41	3 33		n.a.
W 7	11 26	8 42	2 2	17 2	1 55	21 22	0 51	8 35	0 42	23 42	0 42	11 56	2 47	23 1	0 16	23 45	0 16	13 53	4 5	15 18	15 40	3 31		n.a.
T 8	11 4	12 18	1 1	16 27	1 54	21 8	0 53	8 19	0 41	23 41	0 42	11 57	2 47	23 1	0 16	23 45	0 16	13 53	4 5	15 17	15 39	3 29		n.a.
F 9	10 42	15 25	0s 3	15 50	1 52	20 54	0 55	8 2	0 41	23 40	0 42	11 59	2 47	23 1	0 16	23 45	0 16	13 53	4 5	15 16	15 38	3 27		n.a.
S 10	10 20	17 54	1 9	15 13	1 49	20 39	0 58	7 46	0 40	23 39	0 43	12 1	2 47	23 1	0 16	23 45	0 16	13 54	4 4	15 17	15 37	3 25		n.a.
S 11	9 58	19 35	2 13	14 34	1 46	20 23	1 0	7 29	0 40	23 38	0 43	12 3	2 47	23 1	0 16	23 45	0 16	13 54	4 4	15 17	15 36	3 23		n.a.
M12	9 36	20 15	3 12	13 55	1 43	20 7	1 2	7 12	0 39	23 37	0 43	12 5	2 47	23 1	0 16	23 45	0 16	13 55	4 4	15 16	15 35	3 20		n.a.
T 13	9 13	19 48	4 2	13 15	1 39	19 50	1 4	6 55	0 39	23 36	0 43	12 7	2 47	23 1	0 16	23 46	0 16	13 55	4 4	15 15	15 34	3 18		n.a.
W14	8 51	18 7	4 40	12 34	1 35	19 32	1 6	6 38	0 38	23 35	0 43	12 9	2 47	23 1	0 16	23 46	0 16	13 56	4 3	15 14	15 33	3 16		n.a.
T 15	8 28	15 14	5 1	11 52	1 30	19 14	1 8	6 21	0 37	23 34	0 43	12 11	2 47	23 1	0 16	23 46	0 16	13 56	4 3	15 11	15 32	3 14		n.a.
F 16	8 5	11 18	5 2	11 10	1 25	18 56	1 10	6 4	0 37	23 33	0 44	12 12	2 47	23 1	0 16	23 46	0 16	13 57	4 3	15 8	15 31	3 12		n.a.
S 17	7 42	6 34	4 43	10 27	1 20	18 36	1 12	5 47	0 36	23 32	0 44	12 14	2 47	23 1	0 16	23 46	0 16	13 57	4 3	15 5	15 30	3 10		n.a.
S 18	7 18	1 23	4 2	9 44	1 15	18 17	1 14	5 30	0 36	23 31	0 44	12 16	2 47	23 2	0 16	23 46	0 16	13 58	4 3	15 3	15 29	3 7		n.a.
M19	6 55	3s51	3 5	9 1	1 10	17 56	1 16	5 12	0 35	23 30	0 44	12 18	2 47	23 2	0 16	23 46	0 16	13 58	4 2	15 0	15 28	3 5		n.a.
T 20	6 32	8 46	1 56	8 17	1 4	17 35	1 17	4 55	0 35	23 28	0 44	12 20	2 47	23 2	0 16	23 46	0 16	13 59	4 2	14 59	15 27	3 3		n.a.
W21	6 8	13 2	0 41	7 33	0 58	17 14	1 19	4 38	0 34	23 27	0 45	12 21	2 47	23 2	0 16	23 46	0 16	13 59	4 2	14 58	15 26	3 1		n.a.
T 22	5 44	16 25	0n35	6 49	0 52	16 52	1 20	4 20	0 34	23 26	0 45	12 23	2 47	23 2	0 16	23 46	0 16	14 0	4 2	14 58	15 25	2 59		n.a.
F 23	5 21	18 45	1 46	6 4	0 46	16 30	1 22	4 3	0 33	23 25	0 45	12 25	2 47	23 2	0 16	23 46	0 16	14 0	4 2	14 59	15 24	2 57		n.a.
S 24	4 57	19 58	2 50	5 20	0 40	16 7	1 23	3 45	0 33	23 24	0 45	12 27	2 47	23 2	0 16	23 46	0 16	14 1	4 1	14 59	15 23	2 55		n.a.
S 25	4 33	20 6	3 42	4 35	0 34	15 44	1 24	3 28	0 32	23 23	0 45	12 28	2 47	23 2	0 16	23 46	0 16	14 1	4 1	14 59	15 22	2 52		n.a.
M26	4 9	19 13	4 23	3 51	0 28	15 20	1 26	3 10	0 31	23 22	0 46	12 30	2 47	23 2	0 16	23 46	0 16	14 2	4 1	14 58	15 21	2 50		n.a.
T 27	3 44	17 27	4 51	3 6	0 21	14 56	1 27	2 52	0 31	23 21	0 46	12 32	2 46	23 2	0 16	23 46	0 16	14 2	4 1	14 57	15 20	2 48		n.a.
W28	3 20	14 56	5 5	2 21	0 15	14 31	1 28	2 35	0 30	23 20	0 46	12 33	2 46	23 3	0 16	23 46	0 16	14 3	4 0	14 55	15 19	2 46		n.a.
T 29	2 56	11 49	5 6	1 37	0 8	14 6	1 29	2 17	0 30	23 19	0 46	12 35	2 46	23 3	0 16	23 46	0 16	14 3	4 0	14 52	15 18	2 44		n.a.
F 30	2n32	8s15	4n54	0n52	0n 2	13n41	1n30	1n59	0n29	23n18	0n46	12s36	2s46	23s 3	0s16	23s46	0s16	14s 4	4n 0	14s49	15s17	2s42		n.a.

Julian Day Number = 1192053.5, Delta T = 09h31m11s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'23, Lahiri = -23°57'22 Julian Calendar 1 Sept. 1450 BCE == Greg. Calendar 19 Aug. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

OCTOBER 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 45 12	24♍45'13	8♓32	29♍30	29♌32	26♍54	18♋50	4°R25	13♐16	9°R45	19♏31	9°R 4	10♏37	13♓22	n.a.	S 1
S 2	23 49 9	25°45'46	20°23	1♎ 5	0♍47	27°37	18°58	4♓20	13°17	9♑44	19°33	8♏56	10°33	13°29	n.a.	S 2
M 3	23 53 5	26°46'21	2♈16	2°39	2° 2	28°20	19° 7	4°16	13°18	9°44	19°34	8°49	10°30	13°36	n.a.	M 3
T 4	23 57 2	27°46'58	14°11	4°13	3°17	29° 3	19°15	4°12	13°20	9°44	19°36	8°44	10°27	13°43	n.a.	T 4
W 5	0 0 59	28°47'36	26°11	5°47	4°32	29°46	19°23	4° 7	13°21	9°D44	19°37	8°41	10°24	13°49	n.a.	W 5
T 6	0 4 55	29°48'16	8♉17	7°20	5°47	0♎29	19°31	4° 3	13°23	9°44	19°39	8°D40	10°21	13°56	n.a.	T 6
F 7	0 8 52	0♎48'57	20°34	8°54	7° 2	1°12	19°38	3°59	13°24	9°44	19°40	8°41	10°18	14° 3	n.a.	F 7
S 8	0 12 48	1°49'41	3♊ 2	10°26	8°17	1°55	19°46	3°55	13°26	9°44	19°42	8°42	10°14	14° 9	n.a.	S 8
S 9	0 16 45	2°50'26	15°48	11°59	9°32	2°38	19°54	3°51	13°27	9°45	19°43	8°44	10°11	14°16	n.a.	S 9
M10	0 20 41	3°51'14	28°53	13°32	10°47	3°22	20° 1	3°47	13°29	9°45	19°45	8°R45	10° 8	14°23	n.a.	M10
T 11	0 24 38	4°52'03	12♋21	15° 4	12° 3	4° 5	20° 8	3°43	13°31	9°45	19°46	8°45	10° 5	14°29	n.a.	T 11
W12	0 28 34	5°52'53	26°14	16°36	13°18	4°48	20°15	3°40	13°33	9°45	19°48	8°43	10° 2	14°36	n.a.	W12
T 13	0 32 31	6°53'46	10♌32	18° 8	14°33	5°32	20°22	3°36	13°35	9°45	19°50	8°40	9°59	14°43	n.a.	T 13
F 14	0 36 28	7°54'40	25°13	19°39	15°48	6°15	20°29	3°32	13°36	9°46	19°51	8°36	9°55	14°50	n.a.	F 14
S 15	0 40 24	8°55'35	10♍12	21°11	17° 3	6°59	20°36	3°29	13°38	9°46	19°53	8°32	9°52	14°56	n.a.	S 15
S 16	0 44 21	9°56'32	25°21	22°42	18°19	7°42	20°42	3°26	13°40	9°46	19°55	8°27	9°49	15° 3	n.a.	S 16
M17	0 48 17	10°57'30	10♎30	24°12	19°34	8°26	20°49	3°22	13°42	9°47	19°57	8°24	9°46	15°10	n.a.	M17
T 18	0 52 14	11°58'30	25°28	25°43	20°49	9°10	20°55	3°19	13°44	9°47	19°58	8°22	9°43	15°16	n.a.	T 18
W19	0 56 10	12°59'31	10♏ 9	27°13	22° 5	9°53	21° 1	3°16	13°46	9°48	20° 0	8°D22	9°39	15°23	n.a.	W19
T 20	1 0 7	14° 0'33	24°25	28°43	23°20	10°37	21° 7	3°13	13°49	9°48	20° 2	8°22	9°36	15°30	n.a.	T 20
F 21	1 4 3	15° 1'36	8♐14	0♏13	24°35	11°21	21°13	3°10	13°51	9°49	20° 4	8°24	9°33	15°36	n.a.	F 21
S 22	1 8 0	16° 2'39	21°36	1°42	25°51	12° 5	21°18	3° 7	13°53	9°49	20° 6	8°25	9°30	15°43	n.a.	S 22
S 23	1 11 57	17° 3'44	4♑33	3°11	27° 6	12°49	21°24	3° 4	13°55	9°50	20° 7	8°27	9°27	15°50	n.a.	S 23
M24	1 15 53	18° 4'49	17° 9	4°39	28°22	13°33	21°29	3° 1	13°57	9°51	20° 9	8°R27	9°24	15°57	n.a.	M24
T 25	1 19 50	19° 5'55	29°26	6° 6	29°37	14°17	21°34	2°59	14° 0	9°51	20°11	8°27	9°20	16° 3	n.a.	T 25
W26	1 23 46	20° 7'02	11♒31	7°33	0♎53	15° 1	21°39	2°56	14° 2	9°52	20°13	8°26	9°17	16°10	n.a.	W26
T 27	1 27 43	21° 8'10	23°27	8°59	2° 8	15°45	21°44	2°54	14° 5	9°53	20°15	8°23	9°14	16°17	n.a.	T 27
F 28	1 31 39	22° 9'18	5♓18	10°24	3°23	16°29	21°48	2°51	14° 7	9°53	20°17	8°21	9°11	16°23	n.a.	F 28
S 29	1 35 36	23°10'26	17° 9	11°47	4°39	17°13	21°53	2°49	14°10	9°54	20°19	8°18	9° 8	16°30	n.a.	S 29
S 30	1 39 32	24°11'36	29° 1	13° 9	5°54	17°57	21°57	2°47	14°12	9°55	20°21	8°16	9° 4	16°37	n.a.	S 30
M31	1 43 29	25♎12'46	10♈58	14♏30	7♎10	18♎42	22♋ 1	2♓45	14♐15	9♑56	20♏23	8♏14	9♏ 1	16♓43	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n 7	4s23	4n28	0n 8	0s 5	13n15	1n31	1n41	0n29	23n17	0n47	12s38	2s46	23s 3	0s16	23s46	0s16	14s 5	4n 0	14s46	15s16	2s39		n.a.
S 2	1 43	0 20	3 52	0s37	0 11	12 48	1 31	1 23	0 28	23 16	0 47	12 40	2 46	23 3	0 16	23 46	0 16	14 5	4 0	14 44	15 15	2 37		n.a.
M 3	1 18	3n44	3 5	1 21	0 18	12 22	1 32	1 6	0 27	23 15	0 47	12 41	2 46	23 3	0 16	23 46	0 16	14 6	3 59	14 41	15 14	2 35		n.a.
T 4	0 54	7 40	2 9	2 5	0 24	11 55	1 33	0 48	0 27	23 14	0 47	12 43	2 46	23 4	0 16	23 46	0 16	14 6	3 59	14 40	15 13	2 33		n.a.
W 5	0 29	11 20	1 7	2 48	0 31	11 28	1 33	0 30	0 26	23 13	0 48	12 44	2 46	23 4	0 16	23 46	0 16	14 7	3 59	14 39	15 12	2 31		n.a.
T 6	0 5	14 33	0 2	3 32	0 37	11 0	1 34	0 12	0 26	23 12	0 48	12 46	2 46	23 4	0 16	23 46	0 16	14 7	3 59	14 39	15 11	2 29		n.a.
F 7	0s20	17 10	1s 4	4 15	0 44	10 32	1 34	0s 6	0 25	23 11	0 48	12 47	2 46	23 4	0 16	23 46	0 16	14 8	3 59	14 39	15 10	2 27		n.a.
S 8	0 44	19 2	2 9	4 58	0 50	10 4	1 34	0 24	0 24	23 10	0 48	12 48	2 45	23 4	0 16	23 46	0 16	14 9	3 59	14 39	15 9	2 24		n.a.
S 9	1 9	19 58	3 9	5 41	0 56	9 35	1 35	0 42	0 24	23 9	0 48	12 50	2 45	23 5	0 16	23 46	0 16	14 9	3 58	14 40	15 8	2 22		n.a.
M10	1 33	19 51	4 0	6 23	1 2	9 6	1 35	1 0	0 23	23 9	0 49	12 51	2 45	23 5	0 16	23 46	0 16	14 10	3 58	14 40	15 7	2 20		n.a.
T 11	1 58	18 38	4 40	7 5	1 8	8 37	1 35	1 18	0 23	23 8	0 49	12 52	2 45	23 5	0 16	23 46	0 16	14 11	3 58	14 40	15 6	2 18		n.a.
W12	2 23	16 17	5 5	7 46	1 14	8 8	1 35	1 36	0 22	23 7	0 49	12 53	2 45	23 5	0 16	23 46	0 16	14 11	3 58	14 40	15 5	2 16		n.a.
T 13	2 47	12 54	5 13	8 27	1 20	7 39	1 35	1 54	0 21	23 6	0 49	12 55	2 45	23 5	0 16	23 46	0 16	14 12	3 58	14 39	15 4	2 14		n.a.
F 14	3 12	8 38	5 0	9 8	1 25	7 9	1 35	2 13	0 21	23 5	0 50	12 56	2 45	23 6	0 16	23 46	0 16	14 12	3 57	14 37	15 3	2 12		n.a.
S 15	3 36	3 46	4 27	9 48	1 31	6 39	1 35	2 31	0 20	23 4	0 50	12 57	2 44	23 6	0 16	23 46	0 16	14 13	3 57	14 36	15 2	2 9		n.a.
S 16	4 0	1s23	3 34	10 28	1 36	6 9	1 34	2 49	0 20	23 4	0 50	12 58	2 44	23 6	0 16	23 46	0 16	14 14	3 57	14 34	15 1	2 7		n.a.
M17	4 25	6 28	2 27	11 7	1 41	5 38	1 34	3 7	0 19	23 3	0 50	12 59	2 44	23 6	0 16	23 46	0 16	14 14	3 57	14 33	15 0	2 5		n.a.
T 18	4 49	11 6	1 10	11 45	1 46	5 8	1 34	3 25	0 18	23 2	0 51	13 0	2 44	23 7	0 15	23 46	0 16	14 15	3 57	14 33	14 59	2 3		n.a.
W19	5 13	14 58	0n10	12 23	1 51	4 37	1 33	3 43	0 18	23 2	0 51	13 1	2 44	23 7	0 15	23 46	0 16	14 16	3 57	14 33	14 58	2 1		n.a.
T 20	5 37	17 48	1 27	13 0	1 55	4 6	1 33	4 1	0 17	23 1	0 51	13 2	2 43	23 7	0 15	23 46	0 16	14 16	3 56	14 33	14 57	1 59		n.a.
F 21	6 1	19 29	2 37	13 36	1 59	3 35	1 32	4 19	0 16	23 0	0 51	13 3	2 43	23 7	0 15	23 46	0 16	14 17	3 56	14 33	14 56	1 57		n.a.
S 22	6 25	20 0	3 36	14 12	2 3	3 4	1 31	4 37	0 16	23 0	0 52	13 4	2 43	23 8	0 15	23 46	0 16	14 18	3 56	14 34	14 55	1 54		n.a.
S 23	6 49	19 25	4 22	14 46	2 7	2 33	1 31	4 55	0 15	22 59	0 52	13 5	2 43	23 8	0 15	23 46	0 16	14 18	3 56	14 34	14 54	1 52		n.a.
M24	7 13	17 53	4 54	15 20	2 10	2 2	1 30	5 13	0 15	22 58	0 52	13 6	2 43	23 8	0 15	23 46	0 16	14 19	3 56	14 34	14 53	1 50		n.a.
T 25	7 36	15 33	5 12	15 53	2 13	1 31	1 29	5 31	0 14	22 58	0 52	13 7	2 42	23 8	0 15	23 46	0 16	14 19	3 56	14 34	14 52	1 48		n.a.
W26	8 0	12 35	5 15	16 24	2 16	0 59	1 28	5 49	0 13	22 57	0 53	13 7	2 42	23 9	0 15	23 46	0 16	14 20	3 55	14 34	14 51	1 46		n.a.
T 27	8 23	9 9	5 5	16 55	2 18	0 28	1 27	6 7	0 13	22 57	0 53	13 8	2 42	23 9	0 15	23 46	0 16	14 21	3 55	14 33	14 50	1 44		n.a.
F 28	8 47	5 22	4 42	17 24	2 19	0s 4	1 26	6 24	0 12	22 56	0 53	13 9	2 42	23 9	0 15	23 46	0 16	14 21	3 55	14 32	14 48	1 42		n.a.
S 29	9 10	1 24	4 6	17 52	2 20	0 35	1 25	6 42	0 11	22 56	0 53	13 9	2 42	23 10	0 15	23 46	0 16	14 22	3 55	14 31	14 47	1 39		n.a.
S 30	9 33	2n39	3 20	18 18	2 21	1 7	1 24	7 0	0 11	22 55	0 54	13 10	2 41	23 10	0 15	23 45	0 16	14 23	3 55	14 31	14 46	1 37		n.a.
M31	9s55	6n38	2n25	18s43	2s21	1s38	1n22	7s18	0n10	22n55	0n54	13s10	2s41	23s10	0s15	23s45	0s16	14s23	3n55	14s30	14s45	1s35		n.a.

Julian Day Number = 1192083.5, Delta T = 09h31m09s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'18, Lahiri = -23°57'18 Julian Calendar 1 Oct. 1450 BCE == Greg. Calendar 18 Sept. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

NOVEMBER 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 47 26	26♎13'56	23♈ 1	15♏49	8♎25	19♎26	22♋ 5	2°R43	14♐17	9♉57	20♏25	8°R13	8♏58	16♓50	n.a.	T 1
W 2	1 51 22	27°15'08	5♉13	17° 6	9°41	20°10	22° 9	2♓41	14°20	9°58	20°27	8°D12	8°55	16°57	n.a.	W 2
T 3	1 55 19	28°16'20	17°34	18°20	10°56	20°55	22°12	2°40	14°22	9°59	20°29	8♏13	8°52	17° 4	n.a.	T 3
F 4	1 59 15	29°17'33	0♊ 6	19°31	12°12	21°39	22°16	2°38	14°25	10° 0	20°31	8°13	8°49	17°10	n.a.	F 4
S 5	2 3 12	0♏18'46	12°50	20°38	13°27	22°24	22°19	2°37	14°28	10° 1	20°33	8°14	8°45	17°17	n.a.	S 5
S 6	2 7 8	1°20'01	25°48	21°42	14°43	23° 8	22°22	2°35	14°31	10° 2	20°35	8°15	8°42	17°24	n.a.	S 6
M 7	2 11 5	2°21'16	9♋ 1	22°41	15°58	23°53	22°25	2°34	14°33	10° 3	20°37	8°15	8°39	17°30	n.a.	M 7
T 8	2 15 1	3°22'32	22°31	23°35	17°14	24°38	22°27	2°33	14°36	10° 4	20°39	8°16	8°36	17°37	n.a.	T 8
W 9	2 18 58	4°23'49	6♌18	24°23	18°29	25°22	22°30	2°32	14°39	10° 5	20°41	8°R16	8°33	17°44	n.a.	W 9
T 10	2 22 55	5°25'06	20°23	25° 4	19°45	26° 7	22°32	2°31	14°42	10° 6	20°43	8°16	8°30	17°50	n.a.	T 10
F 11	2 26 51	6°26'24	4♍43	25°37	21° 0	26°52	22°34	2°30	14°45	10° 8	20°45	8°16	8°26	17°57	n.a.	F 11
S 12	2 30 48	7°27'43	19°17	26° 2	22°16	27°37	22°36	2°29	14°48	10° 9	20°47	8°15	8°23	18° 4	n.a.	S 12
S 13	2 34 44	8°29'02	4♎ 0	26°17	23°31	28°22	22°38	2°29	14°51	10°10	20°49	8°D15	8°20	18°10	n.a.	S 13
M14	2 38 41	9°30'21	18°46	26°R22	24°47	29° 6	22°39	2°28	14°54	10°11	20°51	8°15	8°17	18°17	n.a.	M14
T 15	2 42 37	10°31'41	3♏27	26°16	26° 3	29°51	22°41	2°28	14°57	10°13	20°53	8°R16	8°14	18°24	n.a.	T 15
W16	2 46 34	11°33'01	17°57	25°58	27°18	0♏36	22°42	2°28	15° 0	10°14	20°56	8°15	8°10	18°31	n.a.	W16
T 17	2 50 31	12°34'21	2♐10	25°29	28°34	1°22	22°43	2°28	15° 3	10°16	20°58	8°15	8° 7	18°37	n.a.	T 17
F 18	2 54 27	13°35'41	16° 1	24°47	29°49	2° 7	22°43	2°D28	15° 6	10°17	21° 0	8°15	8° 4	18°44	n.a.	F 18
S 19	2 58 24	14°37'01	29°28	23°55	1♏ 5	2°52	22°44	2°28	15° 9	10°18	21° 2	8°14	8° 1	18°51	n.a.	S 19
S 20	3 2 20	15°38'21	12♑32	22°53	2°20	3°37	22°44	2°28	15°12	10°20	21° 4	8°13	7°58	18°57	n.a.	S 20
M21	3 6 17	16°39'40	25°13	21°42	3°36	4°22	22°R45	2°28	15°16	10°21	21° 6	8°12	7°55	19° 4	n.a.	M21
T 22	3 10 13	17°40'59	7♒35	20°26	4°51	5° 7	22°44	2°29	15°19	10°23	21° 8	8°12	7°51	19°11	n.a.	T 22
W23	3 14 10	18°42'18	19°42	19° 6	6° 7	5°53	22°44	2°29	15°22	10°24	21°11	8°D11	7°48	19°17	n.a.	W23
T 24	3 18 6	19°43'36	1♓39	17°45	7°22	6°38	22°44	2°30	15°25	10°26	21°13	8°12	7°45	19°24	n.a.	T 24
F 25	3 22 3	20°44'54	13°30	16°25	8°38	7°23	22°43	2°31	15°29	10°28	21°15	8°13	7°42	19°31	n.a.	F 25
S 26	3 26 0	21°46'11	25°20	15°10	9°53	8° 9	22°42	2°32	15°32	10°29	21°17	8°14	7°39	19°37	n.a.	S 26
S 27	3 29 56	22°47'27	7♈13	14° 0	11° 8	8°54	22°41	2°33	15°35	10°31	21°19	8°15	7°35	19°44	n.a.	S 27
M28	3 33 53	23°48'43	19°14	12°59	12°24	9°40	22°40	2°34	15°38	10°33	21°21	8°16	7°32	19°51	n.a.	M28
T 29	3 37 49	24°49'59	1♉26	12° 7	13°39	10°25	22°39	2°35	15°42	10°34	21°23	8°17	7°29	19°57	n.a.	T 29
W30	3 41 46	25♏51'14	13♉50	11♏24	14♏55	11♏11	22♋37	2♓36	15♐45	10♑36	21♏25	8°R17	7♏26	20♓ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s18	10n23	1n23	19s 6	2s20	2s10	1n21	7s35	0n 9	22n55	0n54	13s11	2s41	23s11	0s15	23s45	0s16	14s24	3n54	14s30	14s44	1s33		n.a.
W 2	10 41	13 45	0 17	19 27	2 19	2 41	1 20	7 53	0 9	22 54	0 55	13 11	2 41	23 11	0 15	23 45	0 16	14 25	3 54	14 29	14 43	1 31		n.a.
T 3	11 3	16 33	0s52	19 47	2 17	3 12	1 18	8 11	0 8	22 54	0 55	13 12	2 40	23 11	0 15	23 45	0 16	14 25	3 54	14 29	14 42	1 29		n.a.
F 4	11 25	18 36	1 59	20 4	2 14	3 44	1 17	8 28	0 7	22 54	0 55	13 12	2 40	23 11	0 15	23 45	0 16	14 26	3 54	14 30	14 41	1 27		n.a.
S 5	11 47	19 45	3 1	20 19	2 10	4 15	1 15	8 46	0 7	22 53	0 55	13 12	2 40	23 12	0 15	23 45	0 16	14 27	3 54	14 30	14 40	1 25		n.a.
S 6	12 9	19 53	3 55	20 32	2 5	4 46	1 14	9 3	0 6	22 53	0 56	13 13	2 40	23 12	0 15	23 45	0 16	14 27	3 54	14 30	14 39	1 22		n.a.
M 7	12 30	18 56	4 37	20 42	2 0	5 17	1 12	9 21	0 5	22 53	0 56	13 13	2 40	23 12	0 15	23 45	0 16	14 28	3 54	14 30	14 38	1 20		n.a.
T 8	12 52	16 55	5 6	20 49	1 53	5 48	1 10	9 38	0 5	22 53	0 56	13 13	2 39	23 13	0 15	23 45	0 16	14 29	3 53	14 31	14 37	1 18		n.a.
W 9	13 13	13 54	5 18	20 53	1 45	6 19	1 9	9 55	0 4	22 53	0 56	13 13	2 39	23 13	0 15	23 45	0 16	14 30	3 53	14 31	14 36	1 16		n.a.
T 10	13 34	10 3	5 11	20 55	1 35	6 50	1 7	10 12	0 3	22 52	0 57	13 13	2 39	23 13	0 15	23 45	0 16	14 30	3 53	14 31	14 35	1 14		n.a.
F 11	13 54	5 32	4 45	20 52	1 25	7 20	1 5	10 29	0 3	22 52	0 57	13 13	2 39	23 14	0 15	23 45	0 16	14 31	3 53	14 30	14 34	1 12		n.a.
S 12	14 15	0 39	4 0	20 47	1 13	7 51	1 3	10 46	0 2	22 52	0 57	13 13	2 38	23 14	0 15	23 44	0 16	14 32	3 53	14 30	14 33	1 10		n.a.
S 13	14 35	4s21	2 59	20 37	0 59	8 21	1 1	11 3	0 1	22 52	0 58	13 13	2 38	23 14	0 15	23 44	0 16	14 32	3 53	14 30	14 32	1 7		n.a.
M14	14 55	9 7	1 46	20 24	0 44	8 51	0 59	11 20	0 1	22 52	0 58	13 13	2 38	23 15	0 15	23 44	0 16	14 33	3 53	14 30	14 31	1 5		n.a.
T 15	15 14	13 18	0 27	20 7	0 28	9 20	0 57	11 37	0 0	22 52	0 58	13 13	2 38	23 15	0 15	23 44	0 16	14 34	3 53	14 30	14 30	1 3		n.a.
W16	15 34	16 37	0n54	19 45	0 10	9 50	0 55	11 54	0s 1	22 52	0 58	13 13	2 37	23 16	0 15	23 44	0 16	14 34	3 52	14 30	14 29	1 1		n.a.
T 17	15 53	18 51	2 9	19 20	0n 8	10 19	0 53	12 10	0 1	22 53	0 59	13 13	2 37	23 16	0 15	23 44	0 17	14 35	3 52	14 30	14 28	0 59		n.a.
F 18	16 12	19 53	3 15	18 51	0 28	10 48	0 51	12 27	0 2	22 53	0 59	13 13	2 37	23 16	0 15	23 44	0 17	14 36	3 52	14 30	14 27	0 57		n.a.
S 19	16 30	19 44	4 8	18 19	0 48	11 17	0 49	12 43	0 3	22 53	0 59	13 12	2 36	23 17	0 15	23 44	0 17	14 36	3 52	14 30	14 26	0 55		n.a.
S 20	16 49	18 31	4 46	17 43	1 8	11 46	0 47	13 0	0 3	22 53	1 0	13 12	2 36	23 17	0 15	23 44	0 17	14 37	3 52	14 30	14 25	0 53		n.a.
M21	17 7	16 24	5 9	17 6	1 28	12 14	0 45	13 16	0 4	22 53	1 0	13 12	2 36	23 17	0 15	23 44	0 17	14 38	3 52	14 29	14 24	0 51		n.a.
T 22	17 24	13 35	5 17	16 27	1 47	12 42	0 43	13 32	0 5	22 54	1 0	13 11	2 36	23 18	0 15	23 43	0 17	14 38	3 52	14 29	14 23	0 48		n.a.
W23	17 42	10 15	5 11	15 48	2 5	13 9	0 40	13 48	0 5	22 54	1 0	13 11	2 35	23 18	0 15	23 43	0 17	14 39	3 52	14 29	14 21	0 46		n.a.
T 24	17 59	6 33	4 51	15 10	2 21	13 37	0 38	14 4	0 6	22 54	1 1	13 10	2 35	23 18	0 15	23 43	0 17	14 40	3 52	14 29	14 20	0 44		n.a.
F 25	18 15	2 37	4 19	14 33	2 36	14 4	0 36	14 20	0 7	22 55	1 1	13 10	2 35	23 19	0 15	23 43	0 17	14 40	3 51	14 29	14 19	0 42		n.a.
S 26	18 32	1n25	3 36	14 0	2 48	14 30	0 34	14 35	0 7	22 55	1 1	13 9	2 35	23 19	0 15	23 43	0 17	14 41	3 51	14 30	14 18	0 40		n.a.
S 27	18 48	5 25	2 44	13 30	2 57	14 56	0 31	14 51	0 8	22 56	1 2	13 9	2 34	23 19	0 15	23 43	0 17	14 41	3 51	14 30	14 17	0 38		n.a.
M28	19 3	9 15	1 44	13 5	3 5	15 22	0 29	15 6	0 9	22 56	1 2	13 8	2 34	23 20	0 15	23 43	0 17	14 42	3 51	14 31	14 16	0 36		n.a.
T 29	19 19	12 46	0 38	12 44	3 10	15 48	0 27	15 21	0 9	22 57	1 2	13 7	2 34	23 20	0 15	23 43	0 17	14 43	3 51	14 31	14 15	0 34		n.a.
W30	19s34	15n47	0s31	12s28	3n13	16s13	0n24	15s36	0s10	22n57	1n 2	13s 6	2s34	23s21	0s15	23s42	0s17	14s43	3n51	14s31	14s14	0s32		n.a.

Julian Day Number = 1192114.5, Delta T = 09h31m07s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'14, Lahiri = -23°57'14 Julian Calendar 1 Nov. 1450 BCE == Greg. Calendar 19 Oct. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1450 BCE
geocentric

DECEMBER 1450 BCE (-1449) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 45 42	26♏52'28	26♉28	10°R51	16♏10	11♏56	22°R35	2♓38	15♐48	10♑38	21♏28	8°R16	7♏23	20♓11	n.a.	T 1
F 2	3 49 39	27°53'42	9♊22	10♏28	17°26	12°42	22♋33	2°39	15°52	10°40	21°30	8♏14	7°20	20°18	n.a.	F 2
S 3	3 53 36	28°54'56	22°30	10°15	18°41	13°28	22°31	2°41	15°55	10°41	21°32	8°12	7°16	20°24	n.a.	S 3
S 4	3 57 32	29°56'09	5♋52	10°D11	19°56	14°13	22°29	2°43	15°59	10°43	21°34	8° 8	7°13	20°31	n.a.	S 4
M 5	4 1 29	0♐57'22	19°26	10°15	21°12	14°59	22°26	2°45	16° 2	10°45	21°36	8° 5	7°10	20°38	n.a.	M 5
T 6	4 5 25	1°58'34	3♌11	10°28	22°27	15°45	22°24	2°47	16° 5	10°47	21°38	8° 2	7° 7	20°44	n.a.	T 6
W 7	4 9 22	2°59'45	17° 5	10°47	23°42	16°31	22°21	2°49	16° 9	10°49	21°40	8° 0	7° 4	20°51	n.a.	W 7
T 8	4 13 18	4° 0'57	1♍ 8	11°14	24°58	17°16	22°18	2°51	16°12	10°51	21°42	7°D59	7° 1	20°58	n.a.	T 8
F 9	4 17 15	5° 2'07	15°17	11°46	26°13	18° 2	22°14	2°54	16°16	10°53	21°45	7°59	6°57	21° 4	n.a.	F 9
S 10	4 21 11	6° 3'18	29°30	12°24	27°28	18°48	22°11	2°56	16°19	10°55	21°47	8° 1	6°54	21°11	n.a.	S 10
S 11	4 25 8	7° 4'27	13♎46	13° 6	28°44	19°34	22° 7	2°59	16°23	10°56	21°49	8° 2	6°51	21°18	n.a.	S 11
M12	4 29 5	8° 5'36	28° 2	13°54	29°59	20°20	22° 3	3° 1	16°26	10°58	21°51	8° 3	6°48	21°24	n.a.	M12
T 13	4 33 1	9° 6'45	12♏15	14°45	1♐14	21° 6	21°59	3° 4	16°30	11° 0	21°53	8°R 4	6°45	21°31	n.a.	T 13
W14	4 36 58	10° 7'52	26°20	15°40	2°30	21°52	21°55	3° 7	16°33	11° 2	21°55	8° 2	6°41	21°38	n.a.	W14
T 15	4 40 54	11° 8'59	10♐14	16°38	3°45	22°38	21°51	3°10	16°37	11° 4	21°57	7°59	6°38	21°44	n.a.	T 15
F 16	4 44 51	12°10'04	23°53	17°39	5° 0	23°24	21°46	3°13	16°40	11° 6	21°59	7°55	6°35	21°51	n.a.	F 16
S 17	4 48 47	13°11'09	7♑14	18°42	6°16	24°10	21°41	3°16	16°44	11° 9	22° 1	7°49	6°32	21°58	n.a.	S 17
S 18	4 52 44	14°12'12	20°16	19°48	7°31	24°56	21°37	3°19	16°47	11°11	22° 3	7°42	6°29	22° 5	n.a.	S 18
M19	4 56 41	15°13'14	2♒58	20°57	8°46	25°43	21°32	3°23	16°51	11°13	22° 5	7°36	6°26	22°11	n.a.	M19
T 20	5 0 37	16°14'14	15°22	22° 7	10° 1	26°29	21°26	3°26	16°54	11°15	22° 7	7°30	6°22	22°18	n.a.	T 20
W21	5 4 34	17°15'13	27°31	23°19	11°16	27°15	21°21	3°30	16°58	11°17	22° 9	7°27	6°19	22°25	n.a.	W21
T 22	5 8 30	18°16'11	9♓28	24°33	12°32	28° 1	21°16	3°34	17° 1	11°19	22°11	7°24	6°16	22°31	n.a.	T 22
F 23	5 12 27	19°17'07	21°20	25°49	13°47	28°48	21°10	3°37	17° 5	11°21	22°13	7°D24	6°13	22°38	n.a.	F 23
S 24	5 16 23	20°18'01	3♈ 9	27° 6	15° 2	29°34	21° 4	3°41	17° 8	11°23	22°15	7°25	6°10	22°45	n.a.	S 24
S 25	5 20 20	21°18'54	15° 3	28°24	16°17	0♐20	20°58	3°45	17°12	11°25	22°17	7°26	6° 7	22°51	n.a.	S 25
M26	5 24 16	22°19'45	27° 6	29°44	17°32	1° 6	20°52	3°49	17°15	11°28	22°19	7°28	6° 3	22°58	n.a.	M26
T 27	5 28 13	23°20'34	9♉21	1♐ 5	18°47	1°53	20°46	3°53	17°19	11°30	22°21	7°R28	6° 0	23° 5	n.a.	T 27
W28	5 32 10	24°21'22	21°54	2°27	20° 3	2°39	20°40	3°58	17°22	11°32	22°23	7°27	5°57	23°11	n.a.	W28
T 29	5 36 6	25°22'08	4♊47	3°50	21°18	3°26	20°33	4° 2	17°26	11°34	22°24	7°24	5°54	23°18	n.a.	T 29
F 30	5 40 3	26°22'53	18° 0	5°14	22°33	4°12	20°27	4° 6	17°29	11°36	22°26	7°18	5°51	23°25	n.a.	F 30
S 31	5 43 59	27♐23'36	1♋32	6♐40	23♐48	4♐58	20♋20	4♓11	17♐33	11♑39	22♏28	7♏11	5♏47	23♓31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19s48	18n 7	1s39	12s17	3n14	16s37	0n22	15s51	0s11	22n58	1n 3	13s 6	2s33	23s21	0s16	23s42	0s17	14s44	3n51	14s31	14s13	0s29			n.a.
F 2	20 2	19 33	2 43	12 10	3 13	17 1	0 20	16 6	0 11	22 58	1 3	13 5	2 33	23 21	0 16	23 42	0 17	14 45	3 51	14 30	14 12	0 27			n.a.
S 3	20 16	19 59	3 40	12 8	3 11	17 25	0 17	16 21	0 12	22 59	1 3	13 4	2 33	23 22	0 16	23 42	0 17	14 45	3 51	14 29	14 11	0 25			n.a.
S 4	20 30	19 18	4 26	12 10	3 8	17 48	0 15	16 36	0 13	23 0	1 4	13 3	2 33	23 22	0 16	23 42	0 17	14 46	3 51	14 28	14 10	0 23			n.a.
M 5	20 43	17 31	4 58	12 16	3 3	18 11	0 12	16 50	0 14	23 0	1 4	13 2	2 32	23 22	0 16	23 42	0 17	14 47	3 51	14 27	14 9	0 21			n.a.
T 6	20 55	14 43	5 13	12 25	2 58	18 33	0 10	17 4	0 14	23 1	1 4	13 1	2 32	23 23	0 16	23 42	0 17	14 47	3 51	14 26	14 8	0 19			n.a.
W 7	21 8	11 4	5 11	12 37	2 51	18 54	0 8	17 18	0 15	23 2	1 4	13 0	2 32	23 23	0 16	23 41	0 17	14 48	3 50	14 25	14 7	0 17			n.a.
T 8	21 19	6 46	4 49	12 52	2 44	19 16	0 5	17 32	0 16	23 3	1 5	12 59	2 31	23 23	0 16	23 41	0 17	14 48	3 50	14 25	14 6	0 15			n.a.
F 9	21 31	2 4	4 10	13 9	2 37	19 36	0 3	17 46	0 16	23 4	1 5	12 58	2 31	23 24	0 16	23 41	0 17	14 49	3 50	14 25	14 5	0 13			n.a.
S 10	21 42	2s47	3 16	13 28	2 29	19 56	0 0	18 0	0 17	23 4	1 5	12 57	2 31	23 24	0 16	23 41	0 17	14 50	3 50	14 26	14 4	0 10			n.a.
S 11	21 53	7 30	2 9	13 49	2 21	20 16	0s 2	18 13	0 18	23 5	1 6	12 56	2 31	23 25	0 16	23 41	0 17	14 50	3 50	14 26	14 2	0 8			n.a.
M12	22 3	11 49	0 55	14 11	2 12	20 35	0 4	18 26	0 18	23 6	1 6	12 54	2 30	23 25	0 16	23 41	0 17	14 51	3 50	14 26	14 1	0 6			n.a.
T 13	22 12	15 25	0n23	14 35	2 4	20 53	0 7	18 40	0 19	23 7	1 6	12 53	2 30	23 25	0 16	23 40	0 17	14 51	3 50	14 27	14 0	0 4			n.a.
W14	22 22	18 5	1 38	14 59	1 55	21 11	0 9	18 52	0 20	23 8	1 6	12 52	2 30	23 26	0 16	23 40	0 17	14 52	3 50	14 26	13 59	0 2			n.a.
T 15	22 31	19 38	2 47	15 25	1 46	21 28	0 12	19 5	0 21	23 9	1 7	12 51	2 30	23 26	0 16	23 40	0 17	14 53	3 50	14 25	13 58	0n 0			n.a.
F 16	22 39	19 59	3 44	15 51	1 37	21 44	0 14	19 18	0 21	23 10	1 7	12 49	2 29	23 26	0 16	23 40	0 17	14 53	3 50	14 24	13 57	0 2			n.a.
S 17	22 47	19 12	4 28	16 17	1 28	22 0	0 16	19 30	0 22	23 11	1 7	12 48	2 29	23 27	0 16	23 40	0 17	14 54	3 50	14 22	13 56	0 4			n.a.
S 18	22 55	17 25	4 57	16 44	1 19	22 15	0 19	19 42	0 23	23 12	1 7	12 46	2 29	23 27	0 16	23 40	0 17	14 54	3 50	14 19	13 55	0 6			n.a.
M19	23 2	14 49	5 10	17 11	1 10	22 30	0 21	19 54	0 23	23 13	1 8	12 45	2 29	23 28	0 16	23 39	0 17	14 55	3 50	14 17	13 54	0 8			n.a.
T 20	23 8	11 37	5 8	17 38	1 1	22 44	0 23	20 6	0 24	23 14	1 8	12 43	2 28	23 28	0 16	23 39	0 17	14 55	3 50	14 16	13 53	0 11			n.a.
W21	23 14	7 59	4 52	18 5	0 52	22 57	0 25	20 18	0 25	23 15	1 8	12 42	2 28	23 28	0 16	23 39	0 17	14 56	3 50	14 14	13 52	0 13			n.a.
T 22	23 20	4 5	4 24	18 32	0 44	23 9	0 28	20 29	0 25	23 16	1 8	12 40	2 28	23 29	0 16	23 39	0 17	14 57	3 50	14 14	13 51	0 15			n.a.
F 23	23 25	0 4	3 44	18 59	0 35	23 21	0 30	20 40	0 26	23 18	1 9	12 39	2 28	23 29	0 16	23 39	0 17	14 57	3 50	14 13	13 50	0 17			n.a.
S 24	23 30	3n57	2 55	19 26	0 26	23 32	0 32	20 51	0 27	23 19	1 9	12 37	2 28	23 29	0 16	23 39	0 17	14 58	3 49	14 14	13 49	0 19			n.a.
S 25	23 34	7 51	1 59	19 52	0 18	23 43	0 34	21 2	0 27	23 20	1 9	12 35	2 27	23 30	0 16	23 38	0 17	14 58	3 49	14 14	13 48	0 21			n.a.
M26	23 38	11 29	0 56	20 17	0 10	23 52	0 36	21 12	0 28	23 21	1 9	12 33	2 27	23 30	0 16	23 38	0 17	14 59	3 49	14 15	13 46	0 23			n.a.
T 27	23 42	14 42	0s10	20 42	0 2	24 1	0 38	21 22	0 29	23 22	1 10	12 32	2 27	23 30	0 16	23 38	0 17	14 59	3 49	14 15	13 45	0 25			n.a.
W28	23 44	17 19	1 17	21 7	0s 6	24 9	0 41	21 33	0 30	23 24	1 10	12 30	2 27	23 31	0 16	23 38	0 17	15 0	3 49	14 14	13 44	0 27			n.a.
T 29	23 47	19 9	2 22	21 31	0 14	24 17	0 43	21 42	0 30	23 25	1 10	12 28	2 26	23 31	0 16	23 38	0 17	15 0	3 49	14 13	13 43	0 29			n.a.
F 30	23 49	19 59	3 21	21 54	0 21	24 23	0 45	21 52	0 31	23 26	1 10	12 26	2 26	23 31	0 16	23 37	0 17	15 1	3 49	14 11	13 42	0 31			n.a.
S 31	23s50	19n42	4s10	22s16	0s29	24s29	0s47	22s 1	0s32	23n27	1n10	12s24	2s26	23s32	0s16	23s37	0s17	15s 1	3n49	14s 9	13s41	0n33			n.a.

Julian Day Number = 1192144.5, Delta T = 09h31m05s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'10, Lahiri = -23°57'10 Julian Calendar 1 Dec. 1450 BCE == Greg. Calendar 18 Nov. 1450 BCE

The year -1449 astronomical counting style corresponds to year 1450 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

JANUARY 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 47 56	28♐24'17	15♋22	8♐ 6	25♐ 3	5♐45	20°R13	4♓16	17♐36	11♑41	22♏30	7°R 2	5♏44	23♓38	n.a.	S 1
M 2	5 51 52	29°24'57	29°25	9°33	26°18	6°31	20♋ 7	4°20	17°40	11°43	22°32	6♏53	5°41	23°45	n.a.	M 2
T 3	5 55 49	0♑25'36	13♌36	11° 2	27°33	7°18	20° 0	4°25	17°43	11°45	22°33	6°45	5°38	23°51	n.a.	T 3
W 4	5 59 45	1°26'13	27°52	12°31	28°48	8° 4	19°52	4°30	17°47	11°48	22°35	6°38	5°35	23°58	n.a.	W 4
T 5	6 3 42	2°26'49	12♍ 7	14° 1	0♑ 3	8°51	19°45	4°35	17°50	11°50	22°37	6°34	5°32	24° 5	n.a.	T 5
F 6	6 7 39	3°27'23	26°18	15°32	1°18	9°38	19°38	4°40	17°54	11°52	22°39	6°32	5°28	24°12	n.a.	F 6
S 7	6 11 35	4°27'55	10♎24	17° 4	2°33	10°24	19°31	4°45	17°57	11°54	22°40	6°D32	5°25	24°18	n.a.	S 7
S 8	6 15 32	5°28'27	24°24	18°37	3°48	11°11	19°23	4°50	18° 0	11°57	22°42	6°33	5°22	24°25	n.a.	S 8
M 9	6 19 28	6°28'57	8♏18	20°11	5° 3	11°57	19°16	4°55	18° 4	11°59	22°44	6°R33	5°19	24°32	n.a.	M 9
T 10	6 23 25	7°29'25	22° 4	21°45	6°18	12°44	19° 8	5° 1	18° 7	12° 1	22°45	6°32	5°16	24°38	n.a.	T 10
W11	6 27 21	8°29'52	5♐41	23°21	7°33	13°31	19° 1	5° 6	18°10	12° 3	22°47	6°29	5°13	24°45	n.a.	W11
T 12	6 31 18	9°30'17	19°10	24°58	8°48	14°17	18°53	5°12	18°14	12° 6	22°49	6°23	5° 9	24°52	n.a.	T 12
F 13	6 35 14	10°30'41	2♑27	26°35	10° 2	15° 4	18°45	5°17	18°17	12° 8	22°50	6°14	5° 6	24°58	n.a.	F 13
S 14	6 39 11	11°31'02	15°31	28°14	11°17	15°51	18°38	5°23	18°20	12°10	22°52	6° 2	5° 3	25° 5	n.a.	S 14
S 15	6 43 8	12°31'22	28°20	29°53	12°32	16°37	18°30	5°29	18°24	12°13	22°53	5°50	5° 0	25°12	n.a.	S 15
M16	6 47 4	13°31'40	10♒55	1♑34	13°47	17°24	18°22	5°34	18°27	12°15	22°55	5°38	4°57	25°18	n.a.	M16
T 17	6 51 1	14°31'55	23°15	3°15	15° 2	18°11	18°14	5°40	18°30	12°17	22°56	5°27	4°53	25°25	n.a.	T 17
W18	6 54 57	15°32'08	5♓21	4°58	16°17	18°57	18° 6	5°46	18°33	12°19	22°58	5°18	4°50	25°32	n.a.	W18
T 19	6 58 54	16°32'20	17°18	6°41	17°32	19°44	17°59	5°52	18°37	12°22	22°59	5°11	4°47	25°38	n.a.	T 19
F 20	7 2 50	17°32'28	29° 9	8°25	18°46	20°31	17°51	5°58	18°40	12°24	23° 1	5° 7	4°44	25°45	n.a.	F 20
S 21	7 6 47	18°32'35	10♈57	10°11	20° 1	21°18	17°43	6° 4	18°43	12°26	23° 2	5° 6	4°41	25°52	n.a.	S 21
S 22	7 10 43	19°32'39	22°49	11°58	21°16	22° 4	17°35	6°10	18°46	12°28	23° 3	5°D 5	4°38	25°58	n.a.	S 22
M23	7 14 40	20°32'41	4♉51	13°45	22°31	22°51	17°27	6°17	18°49	12°31	23° 5	5°R 6	4°34	26° 5	n.a.	M23
T 24	7 18 37	21°32'41	17° 6	15°34	23°45	23°38	17°19	6°23	18°52	12°33	23° 6	5° 5	4°31	26°12	n.a.	T 24
W25	7 22 33	22°32'39	29°41	17°24	25° 0	24°25	17°11	6°29	18°55	12°35	23° 7	5° 3	4°28	26°18	n.a.	W25
T 26	7 26 30	23°32'34	12♊40	19°15	26°15	25°11	17° 4	6°36	18°59	12°37	23° 9	4°58	4°25	26°25	n.a.	T 26
F 27	7 30 26	24°32'27	26° 4	21° 7	27°29	25°58	16°56	6°42	19° 2	12°40	23°10	4°51	4°22	26°32	n.a.	F 27
S 28	7 34 23	25°32'18	9♋53	23° 0	28°44	26°45	16°48	6°49	19° 5	12°42	23°11	4°41	4°19	26°38	n.a.	S 28
S 29	7 38 19	26°32'06	24° 5	24°54	29°59	27°32	16°40	6°55	19° 8	12°44	23°12	4°29	4°15	26°45	n.a.	S 29
M30	7 42 16	27°31'52	8♌34	26°49	1♒13	28°18	16°33	7° 2	19°10	12°46	23°14	4°17	4°12	26°52	n.a.	M30
T 31	7 46 12	28♑31'36	23♌14	28♑45	2♒28	29♐ 5	16♋25	7♓ 9	19♐13	12♑49	23♏15	4♏ 6	4♏ 9	26♓58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s51	18n15	4s45	22s38	0s36	24s35	0s49	22s10	0s32	23n28	1n11	12s22	2s26	23s32	0s16	23s37	0s17	15s 2	3n49	14s 6	13s40	0n36			n.a.
M 2	23 52	15 41	5 4	22 59	0 43	24 39	0 50	22 19	0 33	23 30	1 11	12 21	2 26	23 32	0 16	23 37	0 17	15 2	3 49	14 3	13 39	0 38			n.a.
T 3	23 52	12 11	5 4	23 18	0 49	24 43	0 52	22 28	0 34	23 31	1 11	12 19	2 25	23 33	0 16	23 37	0 17	15 3	3 49	14 0	13 38	0 40			n.a.
W 4	23 51	7 58	4 46	23 37	0 56	24 46	0 54	22 36	0 34	23 32	1 11	12 17	2 25	23 33	0 16	23 37	0 17	15 3	3 49	13 58	13 37	0 42			n.a.
T 5	23 50	3 18	4 10	23 55	1 2	24 48	0 56	22 45	0 35	23 33	1 11	12 14	2 25	23 33	0 16	23 36	0 17	15 4	3 49	13 57	13 36	0 44			n.a.
F 6	23 49	1s32	3 18	24 11	1 8	24 49	0 58	22 53	0 36	23 35	1 12	12 12	2 25	23 34	0 16	23 36	0 17	15 4	3 49	13 56	13 35	0 46			n.a.
S 7	23 47	6 16	2 15	24 26	1 14	24 50	0 59	23 0	0 36	23 36	1 12	12 10	2 24	23 34	0 16	23 36	0 17	15 5	3 49	13 56	13 34	0 48			n.a.
S 8	23 45	10 37	1 5	24 41	1 19	24 49	1 1	23 8	0 37	23 37	1 12	12 8	2 24	23 34	0 16	23 36	0 17	15 5	3 49	13 56	13 33	0 50			n.a.
M 9	23 42	14 22	0n 9	24 53	1 24	24 48	1 3	23 15	0 38	23 39	1 12	12 6	2 24	23 35	0 16	23 36	0 17	15 5	3 49	13 57	13 31	0 52			n.a.
T 10	23 39	17 17	1 22	25 5	1 29	24 47	1 4	23 22	0 38	23 40	1 12	12 4	2 24	23 35	0 16	23 35	0 17	15 6	3 49	13 56	13 30	0 54			n.a.
W11	23 35	19 11	2 29	25 15	1 34	24 44	1 6	23 28	0 39	23 41	1 13	12 2	2 24	23 35	0 16	23 35	0 17	15 6	3 49	13 55	13 29	0 56			n.a.
T 12	23 31	19 59	3 27	25 24	1 38	24 41	1 7	23 35	0 40	23 42	1 13	11 59	2 24	23 36	0 16	23 35	0 17	15 7	3 49	13 53	13 28	0 58			n.a.
F 13	23 26	19 38	4 12	25 31	1 42	24 37	1 9	23 41	0 40	23 44	1 13	11 57	2 23	23 36	0 16	23 35	0 17	15 7	3 49	13 50	13 27	1 0			n.a.
S 14	23 21	18 15	4 44	25 36	1 45	24 32	1 10	23 47	0 41	23 45	1 13	11 55	2 23	23 36	0 16	23 35	0 17	15 8	3 49	13 46	13 26	1 3			n.a.
S 15	23 16	15 58	5 0	25 40	1 49	24 27	1 11	23 52	0 42	23 46	1 13	11 53	2 23	23 37	0 16	23 34	0 17	15 8	3 49	13 42	13 25	1 5			n.a.
M16	23 10	12 59	5 1	25 43	1 52	24 20	1 13	23 57	0 42	23 47	1 13	11 50	2 23	23 37	0 16	23 34	0 17	15 8	3 49	13 38	13 24	1 7			n.a.
T 17	23 3	9 29	4 48	25 43	1 54	24 13	1 14	24 3	0 43	23 48	1 13	11 48	2 23	23 37	0 16	23 34	0 17	15 9	3 49	13 34	13 23	1 9			n.a.
W18	22 56	5 39	4 22	25 42	1 56	24 5	1 15	24 7	0 44	23 50	1 14	11 45	2 22	23 37	0 16	23 34	0 17	15 9	3 49	13 31	13 22	1 11			n.a.
T 19	22 49	1 39	3 45	25 39	1 58	23 57	1 16	24 12	0 44	23 51	1 14	11 43	2 22	23 38	0 16	23 34	0 17	15 9	3 49	13 29	13 21	1 13			n.a.
F 20	22 41	2n23	2 59	25 35	2 0	23 47	1 17	24 16	0 45	23 52	1 14	11 41	2 22	23 38	0 16	23 33	0 17	15 10	3 49	13 27	13 20	1 15			n.a.
S 21	22 33	6 19	2 5	25 28	2 0	23 37	1 18	24 20	0 46	23 53	1 14	11 38	2 22	23 38	0 16	23 33	0 17	15 10	3 49	13 27	13 18	1 17			n.a.
S 22	22 25	10 2	1 5	25 19	2 1	23 27	1 19	24 24	0 46	23 54	1 14	11 36	2 22	23 39	0 16	23 33	0 17	15 11	3 49	13 27	13 17	1 19			n.a.
M23	22 16	13 23	0 1	25 9	2 1	23 15	1 20	24 27	0 47	23 56	1 14	11 33	2 22	23 39	0 16	23 33	0 17	15 11	3 49	13 27	13 16	1 21			n.a.
T 24	22 6	16 14	1s 3	24 56	2 1	23 3	1 21	24 30	0 48	23 57	1 14	11 31	2 21	23 39	0 16	23 33	0 17	15 11	3 49	13 27	13 15	1 23			n.a.
W25	21 56	18 23	2 7	24 41	2 0	22 50	1 21	24 33	0 48	23 58	1 14	11 28	2 21	23 39	0 16	23 32	0 17	15 11	3 49	13 26	13 14	1 25			n.a.
T 26	21 46	19 39	3 5	24 24	1 58	22 37	1 22	24 35	0 49	23 59	1 14	11 26	2 21	23 40	0 16	23 32	0 17	15 12	3 49	13 24	13 13	1 27			n.a.
F 27	21 36	19 53	3 55	24 5	1 56	22 23	1 23	24 38	0 50	24 0	1 14	11 23	2 21	23 40	0 16	23 32	0 17	15 12	3 49	13 22	13 12	1 29			n.a.
S 28	21 25	18 57	4 33	23 44	1 54	22 8	1 23	24 39	0 50	24 1	1 15	11 20	2 21	23 40	0 16	23 32	0 17	15 12	3 49	13 18	13 11	1 31			n.a.
S 29	21 13	16 49	4 56	23 21	1 51	21 53	1 24	24 41	0 51	24 2	1 15	11 18	2 21	23 41	0 16	23 32	0 17	15 13	3 49	13 14	13 10	1 33			n.a.
M30	21 1	13 37	5 0	22 55	1 47	21 36	1 24	24 42	0 51	24 3	1 15	11 15	2 21	23 41	0 16	23 31	0 17	15 13	3 49	13 10	13 9	1 35			n.a.
T 31	20s49	9n33	4s44	22s28	1s43	21s20	1s25	24s44	0s52	24n 4	1n15	11s12	2s20	23s41	0s16	23s31	0s17	15s13	3n49	13s 7	13s 8	1n38			n.a.

Julian Day Number = 1192175.5, Delta T = 09h31m04s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'06, Lahiri = -23°57'06 Julian Calendar 1 Jan. 1449 BCE == Greg. Calendar 19 Dec. 1450 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

FEBRUARY 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 50 9	29♉31'18	7♍56	0♒41	3♒43	29♐52	16°R18	7♓15	19♐16	12♉51	23♏16	3°R57	4♏ 6	27♓ 5	n.a.	W 1
T 2	7 54 6	0♒30'59	22°33	2°39	4°57	0♉39	16♋10	7°22	19°19	12°53	23°17	3♏50	4° 3	27°12	n.a.	T 2
F 3	7 58 2	1°30'37	7♎ 1	4°37	6°12	1°25	16° 3	7°29	19°22	12°55	23°18	3°47	3°59	27°18	n.a.	F 3
S 4	8 1 59	2°30'13	21°14	6°36	7°26	2°12	15°56	7°36	19°25	12°57	23°19	3°46	3°56	27°25	n.a.	S 4
S 5	8 5 55	3°29'48	5♏13	8°36	8°41	2°59	15°48	7°43	19°28	13° 0	23°20	3°45	3°53	27°32	n.a.	S 5
M 6	8 9 52	4°29'20	18°57	10°36	9°55	3°46	15°41	7°50	19°30	13° 2	23°21	3°45	3°50	27°39	n.a.	M 6
T 7	8 13 48	5°28'51	2♐27	12°35	11°10	4°32	15°34	7°57	19°33	13° 4	23°22	3°43	3°47	27°45	n.a.	T 7
W 8	8 17 45	6°28'20	15°45	14°35	12°24	5°19	15°27	8° 4	19°36	13° 6	23°23	3°39	3°44	27°52	n.a.	W 8
T 9	8 21 41	7°27'47	28°51	16°34	13°39	6° 6	15°20	8°11	19°38	13° 8	23°24	3°32	3°40	27°59	n.a.	T 9
F 10	8 25 38	8°27'12	11♑45	18°33	14°53	6°53	15°14	8°18	19°41	13°10	23°24	3°22	3°37	28° 5	n.a.	F 10
S 11	8 29 34	9°26'35	24°29	20°30	16° 7	7°39	15° 7	8°25	19°43	13°12	23°25	3° 9	3°34	28°12	n.a.	S 11
S 12	8 33 31	10°25'56	7♒ 1	22°26	17°22	8°26	15° 0	8°32	19°46	13°14	23°26	2°56	3°31	28°19	n.a.	S 12
M13	8 37 28	11°25'14	19°22	24°20	18°36	9°13	14°54	8°40	19°49	13°16	23°27	2°42	3°28	28°25	n.a.	M13
T 14	8 41 24	12°24'30	1♓33	26°11	19°51	9°59	14°48	8°47	19°51	13°19	23°28	2°29	3°25	28°32	n.a.	T 14
W15	8 45 21	13°23'44	13°34	28° 0	21° 5	10°46	14°41	8°54	19°53	13°21	23°28	2°18	3°21	28°39	n.a.	W15
T 16	8 49 17	14°22'56	25°27	29°46	22°19	11°33	14°35	9° 2	19°56	13°23	23°29	2°10	3°18	28°45	n.a.	T 16
F 17	8 53 14	15°22'05	7♈16	1♓29	23°34	12°19	14°30	9° 9	19°58	13°25	23°30	2° 5	3°15	28°52	n.a.	F 17
S 18	8 57 10	16°21'12	19° 3	3° 7	24°48	13° 6	14°24	9°16	20° 0	13°27	23°30	2° 3	3°12	28°59	n.a.	S 18
S 19	9 1 7	17°20'16	0♉54	4°41	26° 2	13°53	14°18	9°24	20° 3	13°29	23°31	2°D 2	3° 9	29° 5	n.a.	S 19
M20	9 5 3	18°19'18	12°53	6°11	27°16	14°39	14°13	9°31	20° 5	13°31	23°31	2°R 2	3° 5	29°12	n.a.	M20
T 21	9 9 0	19°18'17	25° 7	7°35	28°31	15°26	14° 7	9°39	20° 7	13°32	23°32	2° 2	3° 2	29°19	n.a.	T 21
W22	9 12 56	20°17'14	7♊39	8°54	29°45	16°12	14° 2	9°46	20° 9	13°34	23°32	2° 1	2°59	29°25	n.a.	W22
T 23	9 16 53	21°16'09	20°36	10° 8	0♓59	16°59	13°57	9°54	20°11	13°36	23°33	1°57	2°56	29°32	n.a.	T 23
F 24	9 20 50	22°15'01	4♋ 1	11°16	2°13	17°46	13°52	10° 2	20°14	13°38	23°33	1°52	2°53	29°39	n.a.	F 24
S 25	9 24 46	23°13'51	17°54	12°17	3°27	18°32	13°47	10° 9	20°16	13°40	23°34	1°44	2°50	29°45	n.a.	S 25
S 26	9 28 43	24°12'39	2♌15	13°13	4°41	19°19	13°43	10°17	20°18	13°42	23°34	1°34	2°46	29°52	n.a.	S 26
M27	9 32 39	25°11'24	16°59	14° 2	5°55	20° 5	13°38	10°25	20°20	13°44	23°34	1°24	2°43	29°59	n.a.	M27
T 28	9 36 36	26°10'07	1♍58	14°45	7° 9	20°51	13°34	10°32	20°21	13°46	23°35	1°14	2°40	0♈ 5	n.a.	T 28
W29	9 40 32	27♒ 8'48	17♍ 2	15♓21	8♓24	21♉38	13♋30	10♓40	20♐23	13♉47	23♏35	1♏ 6	2♏37	0♈12	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s37	4n53	4s10	21s58	1s39	21s 2	1s25	24s44	0s53	24n 5	1n15	11s10	2s20	23s41	0s16	23s31	0s17	15s14	3n49	13s 3	13s 6	1n40		n.a.
T 2	20 24	0s 2	3 19	21 26	1 33	20 44	1 25	24 45	0 53	24 6	1 15	11 7	2 20	23 42	0 16	23 31	0 17	15 14	3 49	13 1	13 5	1 42		n.a.
F 3	20 11	4 55	2 16	20 51	1 27	20 26	1 25	24 45	0 54	24 7	1 15	11 4	2 20	23 42	0 16	23 31	0 17	15 14	3 49	13 0	13 4	1 44		n.a.
S 4	19 57	9 26	1 6	20 15	1 21	20 7	1 25	24 45	0 54	24 8	1 15	11 2	2 20	23 42	0 16	23 30	0 17	15 14	3 49	13 0	13 3	1 46		n.a.
S 5	19 43	13 22	0n 8	19 37	1 13	19 47	1 25	24 45	0 55	24 9	1 15	10 59	2 20	23 42	0 16	23 30	0 17	15 15	3 49	12 59	13 2	1 48		n.a.
M 6	19 29	16 30	1 19	18 56	1 6	19 27	1 25	24 44	0 56	24 10	1 15	10 56	2 20	23 43	0 16	23 30	0 17	15 15	3 49	12 59	13 1	1 50		n.a.
T 7	19 14	18 39	2 25	18 14	0 57	19 6	1 25	24 43	0 56	24 11	1 15	10 53	2 20	23 43	0 16	23 30	0 17	15 15	3 49	12 59	13 0	1 52		n.a.
W 8	18 59	19 44	3 22	17 31	0 48	18 45	1 25	24 42	0 57	24 12	1 15	10 51	2 19	23 43	0 16	23 30	0 17	15 15	3 49	12 57	12 59	1 54		n.a.
T 9	18 44	19 44	4 8	16 45	0 38	18 23	1 25	24 40	0 57	24 12	1 15	10 48	2 19	23 43	0 16	23 29	0 17	15 15	3 49	12 55	12 58	1 56		n.a.
F 10	18 28	18 42	4 39	15 59	0 28	18 0	1 25	24 39	0 58	24 13	1 15	10 45	2 19	23 43	0 16	23 29	0 17	15 16	3 49	12 51	12 57	1 58		n.a.
S 11	18 12	16 44	4 57	15 11	0 17	17 38	1 25	24 37	0 58	24 14	1 15	10 42	2 19	23 44	0 16	23 29	0 17	15 16	3 49	12 47	12 56	2 0		n.a.
S 12	17 56	14 1	4 59	14 23	0 6	17 14	1 24	24 34	0 59	24 15	1 15	10 39	2 19	23 44	0 16	23 29	0 17	15 16	3 49	12 42	12 54	2 2		n.a.
M13	17 40	10 43	4 48	13 34	0n 5	16 50	1 24	24 32	1 0	24 15	1 15	10 36	2 19	23 44	0 16	23 29	0 17	15 16	3 49	12 37	12 53	2 4		n.a.
T 14	17 23	7 1	4 23	12 44	0 18	16 26	1 23	24 29	1 0	24 16	1 15	10 33	2 19	23 44	0 16	23 28	0 17	15 16	3 49	12 33	12 52	2 6		n.a.
W15	17 6	3 5	3 47	11 55	0 30	16 1	1 23	24 26	1 1	24 17	1 15	10 31	2 19	23 45	0 16	23 28	0 17	15 16	3 49	12 29	12 51	2 8		n.a.
T 16	16 48	0n55	3 1	11 5	0 42	15 36	1 22	24 22	1 1	24 17	1 15	10 28	2 19	23 45	0 16	23 28	0 17	15 17	3 49	12 26	12 50	2 10		n.a.
F 17	16 31	4 53	2 7	10 17	0 55	15 11	1 21	24 18	1 2	24 18	1 15	10 25	2 19	23 45	0 16	23 28	0 17	15 17	3 49	12 25	12 49	2 12		n.a.
S 18	16 13	8 38	1 8	9 29	1 8	14 45	1 21	24 14	1 2	24 19	1 15	10 22	2 19	23 45	0 16	23 28	0 18	15 17	3 49	12 24	12 48	2 14		n.a.
S 19	15 55	12 5	0 6	8 43	1 21	14 19	1 20	24 10	1 3	24 19	1 15	10 19	2 19	23 45	0 16	23 27	0 18	15 17	3 49	12 23	12 47	2 16		n.a.
M20	15 36	15 4	0s57	7 58	1 33	13 52	1 19	24 5	1 3	24 20	1 15	10 16	2 18	23 46	0 16	23 27	0 18	15 17	3 49	12 24	12 46	2 18		n.a.
T 21	15 18	17 27	2 0	7 15	1 46	13 25	1 18	24 1	1 4	24 20	1 15	10 13	2 18	23 46	0 17	23 27	0 18	15 17	3 49	12 24	12 45	2 20		n.a.
W22	14 59	19 3	2 58	6 33	1 58	12 57	1 17	23 56	1 4	24 21	1 15	10 10	2 18	23 46	0 17	23 27	0 18	15 17	3 49	12 23	12 43	2 22		n.a.
T 23	14 40	19 44	3 48	5 55	2 9	12 30	1 16	23 50	1 5	24 21	1 15	10 7	2 18	23 46	0 17	23 27	0 18	15 17	3 49	12 22	12 42	2 24		n.a.
F 24	14 20	19 20	4 28	5 18	2 21	12 2	1 15	23 44	1 5	24 22	1 15	10 4	2 18	23 46	0 17	23 27	0 18	15 18	3 49	12 20	12 41	2 26		n.a.
S 25	14 1	17 47	4 54	4 45	2 31	11 33	1 14	23 39	1 6	24 22	1 15	10 1	2 18	23 46	0 17	23 26	0 18	15 18	3 49	12 17	12 40	2 28		n.a.
S 26	13 41	15 5	5 3	4 14	2 41	11 5	1 12	23 32	1 6	24 23	1 15	9 58	2 18	23 47	0 17	23 26	0 18	15 18	3 49	12 14	12 39	2 30		n.a.
M27	13 21	11 23	4 52	3 46	2 50	10 36	1 11	23 26	1 7	24 23	1 15	9 55	2 18	23 47	0 17	23 26	0 18	15 18	3 49	12 10	12 38	2 32		n.a.
T 28	13 1	6 54	4 21	3 22	2 59	10 7	1 10	23 19	1 7	24 23	1 14	9 52	2 18	23 47	0 17	23 26	0 18	15 18	3 49	12 7	12 37	2 34		n.a.
W29	12s41	1n58	3s32	3s 1	3n 6	9s37	1s 8	23s12	1s 8	24n24	1n14	9s49	2s18	23s47	0s17	23s26	0s18	15s18	3n49	12s 4	12s36	2n36		n.a.

Julian Day Number = 1192206.5, Delta T = 09h31m02s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°04'02, Lahiri = -23°57'01 Julian Calendar 1 Feb. 1449 BCE == Greg. Calendar 19 Jan. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

MARCH 1449 BCE (-1448) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 44 29	28♒ 7'27	2♎ 2	15♓51	9♓38	22♑24	13°R26	10♓48	20♐25	13♑49	23♏35	1°R 1	2♏34	0♈19	n.a.	T 1
F 2	9 48 25	29° 6'03	16°51	16°14	10°51	23°11	13♋22	10°55	20°27	13°51	23°35	0♏58	2°30	0°25	n.a.	F 2
S 3	9 52 22	0♓ 4'39	1♏21	16°30	12° 5	23°57	13°19	11° 3	20°29	13°53	23°35	0°D57	2°27	0°32	n.a.	S 3
S 4	9 56 18	1° 3'12	15°30	16°40	13°19	24°43	13°15	11°11	20°30	13°54	23°36	0°58	2°24	0°39	n.a.	S 4
M 5	10 0 15	2° 1'43	29°18	16°R44	14°33	25°30	13°12	11°19	20°32	13°56	23°36	0°R58	2°21	0°45	n.a.	M 5
T 6	10 4 12	3° 0'13	12♐46	16°41	15°47	26°16	13° 9	11°26	20°34	13°58	23°36	0°58	2°18	0°52	n.a.	T 6
W 7	10 8 8	3°58'41	25°54	16°32	17° 1	27° 2	13° 6	11°34	20°35	13°59	23°36	0°56	2°15	0°59	n.a.	W 7
T 8	10 12 5	4°57'08	8♑47	16°18	18°15	27°49	13° 4	11°42	20°37	14° 1	23°R36	0°51	2°11	1° 5	n.a.	T 8
F 9	10 16 1	5°55'32	21°26	15°59	19°29	28°35	13° 1	11°50	20°38	14° 2	23°36	0°44	2° 8	1°12	n.a.	F 9
S 10	10 19 58	6°53'55	3♒53	15°34	20°43	29°21	12°59	11°58	20°40	14° 4	23°36	0°35	2° 5	1°19	n.a.	S 10
S 11	10 23 54	7°52'16	16°10	15° 6	21°56	0♒ 7	12°57	12° 5	20°41	14° 5	23°36	0°26	2° 2	1°25	n.a.	S 11
M12	10 27 51	8°50'35	28°17	14°34	23°10	0°53	12°55	12°13	20°42	14° 7	23°36	0°16	1°59	1°32	n.a.	M12
T 13	10 31 47	9°48'52	10♓17	13°58	24°24	1°39	12°53	12°21	20°44	14° 8	23°36	0° 7	1°56	1°39	n.a.	T 13
W14	10 35 44	10°47'07	22°11	13°20	25°38	2°25	12°51	12°29	20°45	14°10	23°35	29♎59	1°52	1°45	n.a.	W14
T 15	10 39 40	11°45'20	4♈ 1	12°41	26°51	3°11	12°50	12°37	20°46	14°11	23°35	29°54	1°49	1°52	n.a.	T 15
F 16	10 43 37	12°43'31	15°48	12° 0	28° 5	3°57	12°49	12°45	20°47	14°13	23°35	29°50	1°46	1°59	n.a.	F 16
S 17	10 47 34	13°41'40	27°36	11°20	29°19	4°43	12°48	12°53	20°48	14°14	23°35	29°D49	1°43	2° 5	n.a.	S 17
S 18	10 51 30	14°39'47	9♉28	10°39	0♈32	5°29	12°47	13° 0	20°49	14°15	23°34	29°50	1°40	2°12	n.a.	S 18
M19	10 55 27	15°37'52	21°28	10° 0	1°46	6°15	12°46	13° 8	20°50	14°17	23°34	29°51	1°36	2°19	n.a.	M19
T 20	10 59 23	16°35'55	3♊41	9°23	3° 0	7° 1	12°46	13°16	20°51	14°18	23°34	29°52	1°33	2°25	n.a.	T 20
W21	11 3 20	17°33'56	16°12	8°49	4°13	7°47	12°45	13°24	20°52	14°19	23°33	29°R53	1°30	2°32	n.a.	W21
T 22	11 7 16	18°31'55	29° 5	8°17	5°27	8°33	12°D45	13°32	20°53	14°21	23°33	29°52	1°27	2°39	n.a.	T 22
F 23	11 11 13	19°29'52	12♋25	7°49	6°40	9°18	12°45	13°40	20°54	14°22	23°33	29°50	1°24	2°45	n.a.	F 23
S 24	11 15 9	20°27'47	26°13	7°24	7°54	10° 4	12°45	13°47	20°55	14°23	23°32	29°46	1°21	2°52	n.a.	S 24
S 25	11 19 6	21°25'40	10♌30	7° 4	9° 7	10°50	12°46	13°55	20°55	14°24	23°32	29°42	1°17	2°59	n.a.	S 25
M26	11 23 3	22°23'31	25°12	6°48	10°20	11°35	12°47	14° 3	20°56	14°25	23°31	29°36	1°14	3° 5	n.a.	M26
T 27	11 26 59	23°21'20	10♍14	6°37	11°34	12°21	12°47	14°11	20°56	14°26	23°31	29°31	1°11	3°12	n.a.	T 27
W28	11 30 56	24°19'07	25°27	6°30	12°47	13° 6	12°48	14°18	20°57	14°27	23°30	29°27	1° 8	3°19	n.a.	W28
T 29	11 34 52	25°16'53	10♎40	6°D28	14° 0	13°52	12°49	14°26	20°58	14°28	23°29	29°24	1° 5	3°25	n.a.	T 29
F 30	11 38 49	26°14'37	25°44	6°31	15°14	14°37	12°51	14°34	20°58	14°29	23°29	29°D23	1° 1	3°32	n.a.	F 30
S 31	11 42 45	27♓12'20	10♏31	6♓38	16♈27	15♒23	12♋52	14♓42	20♐58	14♑30	23♏28	29♎23	0♏58	3♈39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12s20	3s 5	2s28	2s44	3n13	9s 8	1s 7	23s 5	1s 8	24n24	1n14	9s46	2s18	23s47	0s17	23s26	0s18	15s18	3n49	12s 2	12s35	2n38			n.a.
F 2	11 59	7 53	1 15	2 30	3 18	8 38	1 5	22 58	1 9	24 24	1 14	9 43	2 18	23 47	0 17	23 25	0 18	15 18	3 49	12 1	12 33	2 40			n.a.
S 3	11 39	12 7	0n 2	2 19	3 22	8 8	1 4	22 50	1 9	24 25	1 14	9 40	2 18	23 48	0 17	23 25	0 18	15 18	3 50	12 1	12 32	2 42			n.a.
S 4	11 17	15 33	1 17	2 13	3 25	7 37	1 2	22 42	1 10	24 25	1 14	9 37	2 18	23 48	0 17	23 25	0 18	15 18	3 50	12 1	12 31	2 45			n.a.
M 5	10 56	17 59	2 26	2 10	3 27	7 7	1 1	22 34	1 10	24 25	1 14	9 34	2 18	23 48	0 17	23 25	0 18	15 18	3 50	12 1	12 30	2 47			n.a.
T 6	10 35	19 21	3 24	2 11	3 27	6 36	0 59	22 26	1 11	24 26	1 14	9 31	2 18	23 48	0 17	23 25	0 18	15 18	3 50	12 1	12 29	2 49			n.a.
W 7	10 13	19 37	4 11	2 15	3 26	6 5	0 57	22 17	1 11	24 26	1 14	9 28	2 18	23 48	0 17	23 25	0 18	15 18	3 50	12 0	12 28	2 51			n.a.
T 8	9 52	18 51	4 44	2 23	3 23	5 34	0 55	22 8	1 11	24 26	1 14	9 25	2 18	23 48	0 17	23 24	0 18	15 18	3 50	11 58	12 27	2 53			n.a.
F 9	9 30	17 9	5 2	2 35	3 19	5 3	0 53	21 59	1 12	24 26	1 14	9 22	2 18	23 48	0 17	23 24	0 18	15 18	3 50	11 56	12 26	2 55			n.a.
S 10	9 8	14 41	5 5	2 49	3 13	4 32	0 51	21 49	1 12	24 26	1 14	9 19	2 18	23 48	0 17	23 24	0 18	15 18	3 50	11 53	12 25	2 57			n.a.
S 11	8 46	11 36	4 54	3 7	3 6	4 0	0 50	21 40	1 13	24 26	1 13	9 16	2 18	23 49	0 17	23 24	0 18	15 18	3 50	11 49	12 23	2 59			n.a.
M12	8 24	8 3	4 30	3 28	2 57	3 29	0 48	21 30	1 13	24 26	1 13	9 13	2 18	23 49	0 17	23 24	0 18	15 18	3 50	11 46	12 22	3 1			n.a.
T 13	8 1	4 14	3 55	3 51	2 47	2 57	0 45	21 20	1 13	24 26	1 13	9 10	2 18	23 49	0 17	23 24	0 18	15 18	3 50	11 43	12 21	3 3			n.a.
W14	7 39	0 16	3 9	4 16	2 36	2 26	0 43	21 10	1 14	24 27	1 13	9 6	2 18	23 49	0 17	23 24	0 18	15 18	3 50	11 40	12 20	3 5			n.a.
T 15	7 17	3n41	2 15	4 43	2 24	1 54	0 41	20 59	1 14	24 27	1 13	9 3	2 18	23 49	0 17	23 23	0 18	15 18	3 50	11 38	12 19	3 7			n.a.
F 16	6 54	7 29	1 15	5 11	2 10	1 22	0 39	20 49	1 15	24 27	1 13	9 0	2 18	23 49	0 17	23 23	0 18	15 18	3 50	11 37	12 18	3 9			n.a.
S 17	6 31	10 59	0 12	5 40	1 56	0 50	0 37	20 38	1 15	24 27	1 13	8 57	2 18	23 49	0 17	23 23	0 18	15 17	3 50	11 36	12 17	3 11			n.a.
S 18	6 9	14 5	0s52	6 9	1 41	0 19	0 35	20 27	1 15	24 27	1 13	8 54	2 18	23 49	0 17	23 23	0 18	15 17	3 50	11 36	12 16	3 13			n.a.
M19	5 46	16 36	1 55	6 39	1 25	0n13	0 32	20 16	1 16	24 26	1 13	8 51	2 18	23 49	0 17	23 23	0 18	15 17	3 50	11 37	12 14	3 14			n.a.
T 20	5 23	18 25	2 53	7 8	1 9	0 45	0 30	20 4	1 16	24 26	1 12	8 48	2 18	23 50	0 17	23 23	0 18	15 17	3 50	11 37	12 13	3 16			n.a.
W21	5 0	19 24	3 45	7 36	0 52	1 17	0 28	19 53	1 16	24 26	1 12	8 45	2 18	23 50	0 17	23 23	0 18	15 17	3 50	11 38	12 12	3 18			n.a.
T 22	4 37	19 24	4 27	8 3	0 36	1 49	0 25	19 41	1 17	24 26	1 12	8 42	2 18	23 50	0 17	23 23	0 18	15 17	3 50	11 37	12 11	3 20			n.a.
F 23	4 14	18 21	4 57	8 29	0 19	2 20	0 23	19 29	1 17	24 26	1 12	8 39	2 18	23 50	0 17	23 22	0 18	15 17	3 50	11 37	12 10	3 22			n.a.
S 24	3 51	16 12	5 10	8 54	0 3	2 52	0 21	19 16	1 17	24 26	1 12	8 36	2 18	23 50	0 17	23 22	0 18	15 17	3 50	11 35	12 9	3 24			n.a.
S 25	3 27	13 1	5 6	9 16	0s13	3 24	0 18	19 4	1 18	24 26	1 12	8 33	2 18	23 50	0 17	23 22	0 18	15 17	3 50	11 34	12 8	3 26			n.a.
M26	3 4	8 57	4 41	9 36	0 28	3 55	0 16	18 52	1 18	24 26	1 12	8 30	2 18	23 50	0 17	23 22	0 18	15 17	3 50	11 32	12 7	3 28			n.a.
T 27	2 41	4 13	3 56	9 55	0 43	4 27	0 13	18 39	1 18	24 25	1 12	8 27	2 18	23 50	0 17	23 22	0 18	15 16	3 50	11 30	12 5	3 30			n.a.
W28	2 18	0s49	2 55	10 10	0 58	4 58	0 11	18 26	1 18	24 25	1 11	8 24	2 18	23 50	0 17	23 22	0 18	15 16	3 50	11 28	12 4	3 32			n.a.
T 29	1 54	5 50	1 41	10 24	1 11	5 30	0 8	18 13	1 19	24 25	1 11	8 21	2 18	23 50	0 17	23 22	0 18	15 16	3 50	11 27	12 3	3 34			n.a.
F 30	1 31	10 26	0 20	10 35	1 24	6 1	0 6	18 0	1 19	24 25	1 11	8 18	2 18	23 50	0 17	23 22	0 18	15 16	3 50	11 27	12 2	3 36			n.a.
S 31	1s 8	14s17	1n 1	10s44	1s37	6n32	0s 3	17s46	1s19	24n24	1n11	8s15	2s18	23s50	0s17	23s22	0s18	15s16	3n50	11s27	12s 1	3n38			n.a.

Julian Day Number = 1192235.5, Delta T = 09h31m00s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'58, Lahiri = -23°56'57 Julian Calendar 1 March 1449 BCE == Greg. Calendar 17 Feb. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

APRIL 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 46 42	28♓10'01	24♏55	6♓50	17♈40	16♒ 8	12♋54	14♓49	20♐59	14♑31	23°R27	29♎24	0♏55	3♈45	n.a.	S 1
M 2	11 50 38	29° 7'41	8♐54	7° 7	18°53	16°53	12°56	14°57	20°59	14°32	23♏27	29°26	0°52	3°52	n.a.	M 2
T 3	11 54 35	0♈ 5'21	22°28	7°28	20° 7	17°39	12°58	15° 5	20°59	14°33	23°26	29°27	0°49	3°59	n.a.	T 3
W 4	11 58 31	1° 2'59	5♑38	7°53	21°20	18°24	13° 0	15°12	21° 0	14°34	23°25	29°R27	0°46	4° 5	n.a.	W 4
T 5	12 2 28	2° 0'35	18°27	8°23	22°33	19° 9	13° 3	15°20	21° 0	14°35	23°24	29°26	0°42	4°12	n.a.	T 5
F 6	12 6 25	2°58'11	0♒59	8°56	23°46	19°54	13° 5	15°28	21° 0	14°36	23°24	29°24	0°39	4°19	n.a.	F 6
S 7	12 10 21	3°55'45	13°16	9°34	24°59	20°39	13° 8	15°35	21° 0	14°36	23°23	29°20	0°36	4°25	n.a.	S 7
S 8	12 14 18	4°53'19	25°23	10°16	26°12	21°24	13°11	15°43	21°R 0	14°37	23°22	29°16	0°33	4°32	n.a.	S 8
M 9	12 18 14	5°50'51	7♓21	11° 1	27°25	22° 9	13°14	15°50	21° 0	14°38	23°21	29°12	0°30	4°38	n.a.	M 9
T 10	12 22 11	6°48'21	19°13	11°50	28°38	22°54	13°17	15°58	21° 0	14°39	23°20	29° 9	0°27	4°45	n.a.	T 10
W11	12 26 7	7°45'51	1♈ 2	12°42	29°51	23°39	13°21	16° 6	21° 0	14°39	23°19	29° 6	0°23	4°52	n.a.	W11
T 12	12 30 4	8°43'19	12°50	13°37	1♉ 4	24°24	13°24	16°13	20°59	14°40	23°18	29° 4	0°20	4°58	n.a.	T 12
F 13	12 34 0	9°40'47	24°38	14°36	2°17	25° 9	13°28	16°20	20°59	14°40	23°17	29°D 3	0°17	5° 5	n.a.	F 13
S 14	12 37 57	10°38'13	6♉30	15°38	3°30	25°53	13°32	16°28	20°59	14°41	23°16	29° 3	0°14	5°12	n.a.	S 14
S 15	12 41 54	11°35'37	18°28	16°44	4°43	26°38	13°36	16°35	20°59	14°41	23°15	29° 4	0°11	5°18	n.a.	S 15
M16	12 45 50	12°33'01	0♊34	17°52	5°56	27°23	13°40	16°43	20°58	14°42	23°14	29° 5	0° 7	5°25	n.a.	M16
T 17	12 49 47	13°30'23	12°52	19° 3	7° 9	28° 7	13°45	16°50	20°58	14°42	23°13	29° 7	0° 4	5°32	n.a.	T 17
W18	12 53 43	14°27'44	25°26	20°17	8°21	28°52	13°49	16°57	20°57	14°43	23°12	29° 8	0° 1	5°38	n.a.	W18
T 19	12 57 40	15°25'04	8♋20	21°34	9°34	29°36	13°54	17° 4	20°57	14°43	23°11	29° 8	29♎58	5°45	n.a.	T 19
F 20	13 1 36	16°22'22	21°35	22°53	10°47	0♓21	13°59	17°12	20°56	14°43	23°10	29°R 9	29°55	5°52	n.a.	F 20
S 21	13 5 33	17°19'39	5♌16	24°15	11°59	1° 5	14° 4	17°19	20°56	14°44	23° 9	29° 8	29°52	5°58	n.a.	S 21
S 22	13 9 29	18°16'55	19°22	25°40	13°12	1°49	14° 9	17°26	20°55	14°44	23° 8	29° 7	29°48	6° 5	n.a.	S 22
M23	13 13 26	19°14'09	3♍52	27° 8	14°25	2°33	14°14	17°33	20°54	14°44	23° 6	29° 6	29°45	6°12	n.a.	M23
T 24	13 17 23	20°11'23	18°42	28°38	15°37	3°17	14°20	17°40	20°54	14°44	23° 5	29° 5	29°42	6°18	n.a.	T 24
W25	13 21 19	21° 8'35	3♎47	0♈11	16°50	4° 1	14°26	17°47	20°53	14°45	23° 4	29° 4	29°39	6°25	n.a.	W25
T 26	13 25 16	22° 5'47	18°57	1°47	18° 2	4°46	14°31	17°54	20°52	14°45	23° 3	29° 4	29°36	6°32	n.a.	T 26
F 27	13 29 12	23° 2'57	4♏ 4	3°25	19°15	5°29	14°37	18° 1	20°51	14°45	23° 2	29°D 4	29°32	6°38	n.a.	F 27
S 28	13 33 9	24° 0'07	18°57	5° 6	20°27	6°13	14°43	18° 8	20°50	14°45	23° 0	29° 4	29°29	6°45	n.a.	S 28
S 29	13 37 5	24°57'17	3♐31	6°49	21°40	6°57	14°50	18°15	20°49	14°45	22°59	29° 4	29°26	6°52	n.a.	S 29
M30	13 41 2	25♈54'26	17♐40	8♈35	22♉52	7♓41	14♋56	18♓22	20♐48	14°R45	22♏58	29♎ 5	29♎23	6♈58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s44	17s 9	2n15	10s50	1s48	7n 3	0s 1	17s33	1s20	24n24	1n11	8s12	2s18	23s50	0s17	23s22	0s18	15s16	3n50	11s27	12s 0	3n40		n.a.
M 2	0 21	18 53	3 20	10 53	1 59	7 33	0n 2	17 19	1 20	24 24	1 11	8 9	2 18	23 50	0 17	23 22	0 18	15 15	3 50	11 28	11 59	3 42		n.a.
T 3	0n 2	19 28	4 11	10 54	2 8	8 4	0 5	17 5	1 20	24 23	1 11	8 6	2 18	23 50	0 17	23 21	0 18	15 15	3 50	11 28	11 58	3 44		n.a.
W 4	0 25	18 57	4 47	10 53	2 17	8 34	0 7	16 51	1 20	24 23	1 11	8 3	2 19	23 50	0 17	23 21	0 18	15 15	3 50	11 28	11 56	3 46		n.a.
T 5	0 49	17 29	5 8	10 49	2 26	9 5	0 10	16 37	1 20	24 23	1 10	8 0	2 19	23 51	0 17	23 21	0 18	15 15	3 50	11 28	11 55	3 48		n.a.
F 6	1 12	15 11	5 14	10 43	2 33	9 35	0 12	16 23	1 21	24 22	1 10	7 57	2 19	23 51	0 18	23 21	0 18	15 15	3 50	11 27	11 54	3 50		n.a.
S 7	1 35	12 16	5 5	10 34	2 39	10 4	0 15	16 8	1 21	24 22	1 10	7 54	2 19	23 51	0 18	23 21	0 19	15 14	3 50	11 26	11 53	3 52		n.a.
S 8	1 59	8 52	4 42	10 23	2 45	10 34	0 18	15 54	1 21	24 22	1 10	7 51	2 19	23 51	0 18	23 21	0 19	15 14	3 50	11 25	11 52	3 54		n.a.
M 9	2 22	5 9	4 8	10 10	2 50	11 3	0 20	15 39	1 21	24 21	1 10	7 48	2 19	23 51	0 18	23 21	0 19	15 14	3 50	11 23	11 51	3 56		n.a.
T 10	2 45	1 15	3 22	9 55	2 54	11 32	0 23	15 24	1 21	24 21	1 10	7 46	2 19	23 51	0 18	23 21	0 19	15 14	3 50	11 22	11 50	3 58		n.a.
W11	3 8	2n41	2 29	9 38	2 57	12 1	0 26	15 9	1 22	24 20	1 10	7 43	2 19	23 51	0 18	23 21	0 19	15 14	3 50	11 21	11 49	4 0		n.a.
T 12	3 31	6 30	1 28	9 18	2 59	12 29	0 28	14 54	1 22	24 20	1 10	7 40	2 19	23 51	0 18	23 21	0 19	15 13	3 50	11 20	11 47	4 2		n.a.
F 13	3 54	10 5	0 24	8 56	3 1	12 58	0 31	14 39	1 22	24 19	1 9	7 37	2 19	23 51	0 18	23 21	0 19	15 13	3 50	11 20	11 46	4 4		n.a.
S 14	4 17	13 17	0s41	8 33	3 2	13 25	0 33	14 24	1 22	24 19	1 9	7 34	2 19	23 51	0 18	23 21	0 19	15 13	3 50	11 20	11 45	4 6		n.a.
S 15	4 40	15 56	1 45	8 7	3 2	13 53	0 36	14 9	1 22	24 18	1 9	7 31	2 20	23 51	0 18	23 21	0 19	15 13	3 50	11 20	11 44	4 8		n.a.
M16	5 3	17 56	2 46	7 40	3 2	14 20	0 39	13 53	1 22	24 18	1 9	7 28	2 20	23 51	0 18	23 21	0 19	15 12	3 50	11 21	11 43	4 10		n.a.
T 17	5 25	19 7	3 40	7 10	3 1	14 47	0 41	13 37	1 23	24 17	1 9	7 26	2 20	23 51	0 18	23 21	0 19	15 12	3 50	11 21	11 42	4 12		n.a.
W18	5 48	19 23	4 24	6 39	2 59	15 14	0 44	13 22	1 23	24 16	1 9	7 23	2 20	23 51	0 18	23 21	0 19	15 12	3 50	11 21	11 41	4 14		n.a.
T 19	6 10	18 40	4 57	6 6	2 56	15 40	0 46	13 6	1 23	24 16	1 9	7 20	2 20	23 51	0 18	23 21	0 19	15 12	3 50	11 22	11 39	4 16		n.a.
F 20	6 33	16 55	5 14	5 31	2 53	16 5	0 49	12 50	1 23	24 15	1 9	7 17	2 20	23 51	0 18	23 21	0 19	15 11	3 50	11 22	11 38	4 17		n.a.
S 21	6 55	14 11	5 15	4 54	2 49	16 31	0 51	12 34	1 23	24 14	1 9	7 15	2 20	23 51	0 18	23 21	0 19	15 11	3 50	11 22	11 37	4 19		n.a.
S 22	7 17	10 34	4 58	4 16	2 45	16 56	0 54	12 18	1 23	24 14	1 8	7 12	2 20	23 51	0 18	23 21	0 19	15 11	3 50	11 21	11 36	4 21		n.a.
M23	7 40	6 13	4 21	3 36	2 40	17 20	0 56	12 2	1 23	24 13	1 8	7 9	2 21	23 51	0 18	23 21	0 19	15 11	3 50	11 21	11 35	4 23		n.a.
T 24	8 2	1 24	3 26	2 54	2 34	17 44	0 59	11 46	1 23	24 12	1 8	7 6	2 21	23 51	0 18	23 21	0 19	15 10	3 49	11 20	11 34	4 25		n.a.
W25	8 23	3s36	2 16	2 11	2 28	18 8	1 1	11 30	1 23	24 12	1 8	7 4	2 21	23 50	0 18	23 21	0 19	15 10	3 49	11 20	11 33	4 27		n.a.
T 26	8 45	8 25	0 56	1 26	2 21	18 31	1 3	11 13	1 23	24 11	1 8	7 1	2 21	23 50	0 18	23 21	0 19	15 10	3 49	11 20	11 31	4 29		n.a.
F 27	9 7	12 40	0n28	0 40	2 14	18 54	1 6	10 57	1 23	24 10	1 8	6 58	2 21	23 50	0 18	23 21	0 19	15 10	3 49	11 20	11 30	4 31		n.a.
S 28	9 28	16 2	1 48	0n 8	2 6	19 16	1 8	10 41	1 23	24 9	1 8	6 56	2 21	23 50	0 18	23 21	0 19	15 9	3 49	11 20	11 29	4 33		n.a.
S 29	9 50	18 17	3 0	0 57	1 58	19 38	1 10	10 24	1 23	24 8	1 8	6 53	2 21	23 50	0 18	23 21	0 19	15 9	3 49	11 20	11 28	4 35		n.a.
M30	10n11	19s19	3n59	1n48	1s49	19n59	1n12	10s 7	1s24	24n 8	1n 7	6s51	2s22	23s50	0s18	23s21	0s19	15s 9	3n49	11s20	11s27	4n37		n.a.

Julian Day Number = 1192266.5, Delta T = 09h30m58s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'54, Lahiri = -23°56'53 Julian Calendar 1 Apr. 1449 BCE == Greg. Calendar 19 March 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

MAY 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 44 58	26♈51'35	1♉23	10♈23	24♉ 4	8♓25	15♋ 2	18♓28	20°R47	14°R45	22°R56	29♎ 5	29♎20	7♈ 5	n.a.	T 1
W 2	13 48 55	27°48'43	14°40	12°14	25°17	9° 8	15° 9	18°35	20♐46	14♉45	22♏55	29° 5	29°17	7°12	n.a.	W 2
T 3	13 52 52	28°45'51	27°32	14° 7	26°29	9°52	15°16	18°42	20°45	14°45	22°54	29° 5	29°13	7°18	n.a.	T 3
F 4	13 56 48	29°42'59	10♒ 3	16° 3	27°41	10°35	15°23	18°48	20°44	14°45	22°52	29° 5	29°10	7°25	n.a.	F 4
S 5	14 0 45	0♉40'06	22°18	18° 1	28°53	11°19	15°30	18°55	20°42	14°45	22°51	29° 5	29° 7	7°32	n.a.	S 5
S 6	14 4 41	1°37'13	4♓20	20° 1	0♊ 5	12° 2	15°37	19° 1	20°41	14°44	22°50	29° 5	29° 4	7°38	n.a.	S 6
M 7	14 8 38	2°34'20	16°13	22° 3	1°18	12°46	15°44	19° 8	20°40	14°44	22°48	29° 6	29° 1	7°45	n.a.	M 7
T 8	14 12 34	3°31'27	28° 2	24° 7	2°30	13°29	15°52	19°14	20°38	14°44	22°47	29° 6	28°58	7°52	n.a.	T 8
W 9	14 16 31	4°28'33	9♈49	26°13	3°42	14°12	15°59	19°21	20°37	14°44	22°45	29° 7	28°54	7°58	n.a.	W 9
T 10	14 20 27	5°25'39	21°38	28°20	4°54	14°55	16° 7	19°27	20°36	14°43	22°44	29° 7	28°51	8° 5	n.a.	T 10
F 11	14 24 24	6°22'45	3♉32	0♉29	6° 6	15°38	16°15	19°33	20°34	14°43	22°43	29°R 7	28°48	8°12	n.a.	F 11
S 12	14 28 21	7°19'51	15°31	2°38	7°18	16°21	16°23	19°39	20°33	14°43	22°41	29° 7	28°45	8°18	n.a.	S 12
S 13	14 32 17	8°16'56	27°40	4°48	8°30	17° 4	16°31	19°45	20°31	14°42	22°40	29° 6	28°42	8°25	n.a.	S 13
M14	14 36 14	9°14'02	9♊58	6°59	9°42	17°47	16°39	19°52	20°29	14°42	22°38	29° 5	28°38	8°31	n.a.	M14
T 15	14 40 10	10°11'07	22°29	9°10	10°53	18°30	16°47	19°58	20°28	14°41	22°37	29° 3	28°35	8°38	n.a.	T 15
W16	14 44 7	11° 8'11	5♋14	11°21	12° 5	19°12	16°55	20° 3	20°26	14°41	22°35	29° 2	28°32	8°45	n.a.	W16
T 17	14 48 3	12° 5'15	18°14	13°31	13°17	19°55	17° 4	20° 9	20°24	14°40	22°34	29° 0	28°29	8°51	n.a.	T 17
F 18	14 52 0	13° 2'19	1♌32	15°41	14°29	20°38	17°12	20°15	20°23	14°40	22°32	28°59	28°26	8°58	n.a.	F 18
S 19	14 55 57	13°59'23	15° 9	17°51	15°40	21°20	17°21	20°21	20°21	14°39	22°31	28°D59	28°23	9° 5	n.a.	S 19
S 20	14 59 53	14°56'26	29° 6	19°59	16°52	22° 2	17°30	20°27	20°19	14°39	22°29	29° 0	28°19	9°11	n.a.	S 20
M21	15 3 50	15°53'29	13♍21	22° 6	18° 4	22°45	17°39	20°32	20°17	14°38	22°28	29° 1	28°16	9°18	n.a.	M21
T 22	15 7 46	16°50'32	27°54	24°11	19°15	23°27	17°48	20°38	20°16	14°37	22°26	29° 2	28°13	9°25	n.a.	T 22
W23	15 11 43	17°47'34	12♎39	26°15	20°27	24° 9	17°57	20°43	20°14	14°37	22°25	29° 3	28°10	9°31	n.a.	W23
T 24	15 15 39	18°44'37	27°32	28°18	21°38	24°51	18° 6	20°49	20°12	14°36	22°23	29°R 3	28° 7	9°38	n.a.	T 24
F 25	15 19 36	19°41'39	12♏26	0♊18	22°50	25°33	18°16	20°54	20°10	14°35	22°22	29° 3	28° 4	9°45	n.a.	F 25
S 26	15 23 32	20°38'42	27°12	2°17	24° 1	26°15	18°25	20°59	20° 8	14°34	22°20	29° 1	28° 0	9°51	n.a.	S 26
S 27	15 27 29	21°35'45	11♐44	4°14	25°12	26°57	18°35	21° 4	20° 6	14°34	22°19	28°59	27°57	9°58	n.a.	S 27
M28	15 31 26	22°32'49	25°55	6°10	26°23	27°39	18°44	21° 9	20° 4	14°33	22°17	28°56	27°54	10° 5	n.a.	M28
T 29	15 35 22	23°29'53	9♑42	8° 3	27°35	28°20	18°54	21°14	20° 2	14°32	22°16	28°53	27°51	10°11	n.a.	T 29
W30	15 39 19	24°26'57	23° 3	9°55	28°46	29° 2	19° 4	21°19	20° 0	14°31	22°14	28°49	27°48	10°18	n.a.	W30
T 31	15 43 15	25♉24'03	6♒ 0	11♊44	29♊57	29♓43	19♋14	21♓24	19♐58	14♑30	22♏13	28♎47	27♎44	10♈25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n32	19s10	4n42	2n39	1s40	20n20	1n15	9s51	1s24	24n 7	1n 7	6s48	2s22	23s50	0s18	23s21	0s19	15s 8	3n49	11s20	11s26	4n39		n.a.
W 2	10 53	17 56	5 8	3 32	1 30	20 40	1 17	9 34	1 24	24 6	1 7	6 46	2 22	23 50	0 18	23 21	0 19	15 8	3 49	11 20	11 25	4 41		n.a.
T 3	11 14	15 50	5 18	4 26	1 20	20 59	1 19	9 17	1 24	24 5	1 7	6 43	2 22	23 50	0 18	23 21	0 19	15 8	3 49	11 20	11 23	4 43		n.a.
F 4	11 34	13 2	5 12	5 21	1 10	21 18	1 21	9 1	1 24	24 4	1 7	6 41	2 22	23 50	0 18	23 21	0 19	15 8	3 49	11 20	11 22	4 45		n.a.
S 5	11 55	9 43	4 52	6 16	1 0	21 37	1 23	8 44	1 24	24 3	1 7	6 38	2 22	23 50	0 18	23 21	0 19	15 7	3 49	11 20	11 21	4 47		n.a.
S 6	12 15	6 4	4 20	7 12	0 49	21 55	1 25	8 27	1 23	24 2	1 7	6 36	2 23	23 50	0 18	23 21	0 19	15 7	3 49	11 21	11 20	4 48		n.a.
M 7	12 35	2 13	3 37	8 9	0 38	22 12	1 27	8 10	1 23	24 1	1 7	6 33	2 23	23 50	0 18	23 21	0 19	15 7	3 49	11 21	11 19	4 50		n.a.
T 8	12 55	1n43	2 44	9 6	0 27	22 28	1 29	7 53	1 23	24 0	1 7	6 31	2 23	23 50	0 18	23 21	0 19	15 6	3 49	11 21	11 18	4 52		n.a.
W 9	13 14	5 34	1 45	10 2	0 16	22 45	1 30	7 36	1 23	23 59	1 7	6 29	2 23	23 50	0 18	23 21	0 19	15 6	3 49	11 21	11 17	4 54		n.a.
T 10	13 34	9 13	0 41	10 59	0 5	23 0	1 32	7 19	1 23	23 58	1 6	6 26	2 23	23 50	0 18	23 21	0 19	15 6	3 49	11 21	11 15	4 56		n.a.
F 11	13 53	12 32	0s24	11 55	0n 5	23 15	1 34	7 2	1 23	23 57	1 6	6 24	2 23	23 49	0 18	23 21	0 19	15 6	3 49	11 21	11 14	4 58		n.a.
S 12	14 12	15 21	1 30	12 51	0 16	23 29	1 35	6 45	1 23	23 56	1 6	6 22	2 24	23 49	0 18	23 21	0 19	15 5	3 49	11 21	11 13	5 0		n.a.
S 13	14 31	17 31	2 32	13 46	0 26	23 42	1 37	6 28	1 23	23 55	1 6	6 19	2 24	23 49	0 18	23 21	0 19	15 5	3 48	11 21	11 12	5 2		n.a.
M14	14 49	18 55	3 28	14 39	0 36	23 55	1 39	6 11	1 23	23 54	1 6	6 17	2 24	23 49	0 18	23 21	0 19	15 5	3 48	11 20	11 11	5 4		n.a.
T 15	15 8	19 24	4 15	15 32	0 46	24 7	1 40	5 54	1 23	23 53	1 6	6 15	2 24	23 49	0 18	23 21	0 19	15 4	3 48	11 20	11 10	5 6		n.a.
W16	15 26	18 56	4 50	16 22	0 55	24 19	1 41	5 37	1 23	23 52	1 6	6 13	2 24	23 49	0 18	23 22	0 19	15 4	3 48	11 19	11 9	5 8		n.a.
T 17	15 44	17 27	5 11	17 11	1 4	24 30	1 43	5 19	1 23	23 50	1 6	6 11	2 25	23 49	0 18	23 22	0 19	15 4	3 48	11 19	11 7	5 9		n.a.
F 18	16 2	15 2	5 16	17 58	1 12	24 40	1 44	5 2	1 23	23 49	1 6	6 8	2 25	23 49	0 18	23 22	0 19	15 3	3 48	11 18	11 6	5 11		n.a.
S 19	16 19	11 44	5 4	18 43	1 19	24 49	1 45	4 45	1 22	23 48	1 6	6 6	2 25	23 49	0 18	23 22	0 20	15 3	3 48	11 18	11 5	5 13		n.a.
S 20	16 36	7 43	4 34	19 26	1 26	24 58	1 46	4 28	1 22	23 47	1 6	6 4	2 25	23 49	0 18	23 22	0 20	15 3	3 48	11 19	11 4	5 15		n.a.
M21	16 53	3 10	3 47	20 6	1 32	25 6	1 47	4 11	1 22	23 45	1 5	6 2	2 25	23 48	0 18	23 22	0 20	15 3	3 48	11 19	11 3	5 17		n.a.
T 22	17 10	1s39	2 44	20 44	1 38	25 13	1 48	3 54	1 22	23 44	1 5	6 0	2 26	23 48	0 18	23 22	0 20	15 2	3 48	11 19	11 2	5 19		n.a.
W23	17 26	6 27	1 29	21 19	1 43	25 20	1 49	3 37	1 22	23 43	1 5	5 58	2 26	23 48	0 19	23 22	0 20	15 2	3 48	11 20	11 0	5 21		n.a.
T 24	17 42	10 55	0 8	21 52	1 47	25 25	1 50	3 20	1 22	23 41	1 5	5 56	2 26	23 48	0 19	23 22	0 20	15 2	3 48	11 20	10 59	5 23		n.a.
F 25	17 58	14 41	1n13	22 23	1 51	25 30	1 51	3 2	1 21	23 40	1 5	5 54	2 26	23 48	0 19	23 22	0 20	15 1	3 47	11 20	10 58	5 25		n.a.
S 26	18 14	17 28	2 29	22 51	1 54	25 35	1 51	2 45	1 21	23 39	1 5	5 52	2 27	23 48	0 19	23 23	0 20	15 1	3 47	11 19	10 57	5 27		n.a.
S 27	18 29	19 3	3 34	23 16	1 56	25 38	1 52	2 28	1 21	23 37	1 5	5 50	2 27	23 48	0 19	23 23	0 20	15 1	3 47	11 18	10 56	5 28		n.a.
M28	18 44	19 24	4 24	23 39	1 57	25 41	1 53	2 11	1 21	23 36	1 5	5 49	2 27	23 48	0 19	23 23	0 20	15 0	3 47	11 17	10 55	5 30		n.a.
T 29	18 59	18 34	4 57	23 59	1 58	25 43	1 53	1 54	1 21	23 34	1 5	5 47	2 27	23 47	0 19	23 23	0 20	15 0	3 47	11 16	10 54	5 32		n.a.
W30	19 13	16 43	5 13	24 17	1 59	25 45	1 53	1 37	1 20	23 33	1 5	5 45	2 28	23 47	0 19	23 23	0 20	15 0	3 47	11 15	10 52	5 34		n.a.
T 31	19n27	14s 4	5n12	24n33	1n58	25n45	1n54	1s20	1s20	23n31	1n 5	5s43	2s28	23s47	0s19	23s23	0s20	15s 0	3n47	11s14	10s51	5n36		n.a.

Julian Day Number = 1192296.5, Delta T = 09h30m57s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'50, Lahiri = -23°56'49 Julian Calendar 1 May 1449 BCE == Greg. Calendar 18 Apr. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

JUNE 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 47 12	26♉21'08	18♒33	13♊32	1♋ 8	0♈25	19♋24	21♓29	19°R56	14°R29	22°R11	28°R46	27♎41	10♈31	n.a.	F 1
S 2	15 51 8	27°18'15	0♓49	15°18	2°19	1° 6	19°34	21°34	19♐53	14♑28	22♏10	28°D45	27°38	10°38	n.a.	S 2
S 3	15 55 5	28°15'22	12°50	17° 1	3°30	1°47	19°44	21°38	19°51	14°27	22° 8	28♎46	27°35	10°45	n.a.	S 3
M 4	15 59 2	29°12'30	24°43	18°43	4°41	2°28	19°54	21°43	19°49	14°26	22° 7	28°48	27°32	10°51	n.a.	M 4
T 5	16 2 58	0♊ 9'38	6♈31	20°23	5°52	3°10	20° 5	21°47	19°47	14°25	22° 5	28°50	27°29	10°58	n.a.	T 5
W 6	16 6 55	1° 6'48	18°19	22° 1	7° 2	3°51	20°15	21°52	19°45	14°24	22° 4	28°51	27°25	11° 5	n.a.	W 6
T 7	16 10 51	2° 3'58	0♉12	23°38	8°13	4°31	20°26	21°56	19°42	14°23	22° 2	28°R51	27°22	11°11	n.a.	T 7
F 8	16 14 48	3° 1'09	12°12	25°12	9°24	5°12	20°36	22° 0	19°40	14°22	22° 1	28°50	27°19	11°18	n.a.	F 8
S 9	16 18 44	3°58'21	24°22	26°44	10°34	5°53	20°47	22° 4	19°38	14°21	21°59	28°48	27°16	11°24	n.a.	S 9
S 10	16 22 41	4°55'34	6♊45	28°14	11°45	6°34	20°58	22° 8	19°36	14°20	21°58	28°44	27°13	11°31	n.a.	S 10
M11	16 26 37	5°52'48	19°21	29°43	12°55	7°14	21° 8	22°12	19°33	14°18	21°56	28°38	27°10	11°38	n.a.	M11
T 12	16 30 34	6°50'02	2♋11	1♋ 9	14° 6	7°55	21°19	22°16	19°31	14°17	21°55	28°32	27° 6	11°44	n.a.	T 12
W13	16 34 31	7°47'17	15°14	2°34	15°16	8°35	21°30	22°20	19°29	14°16	21°53	28°26	27° 3	11°51	n.a.	W13
T 14	16 38 27	8°44'32	28°31	3°56	16°27	9°15	21°41	22°24	19°26	14°15	21°52	28°20	27° 0	11°58	n.a.	T 14
F 15	16 42 24	9°41'48	12♌ 1	5°16	17°37	9°55	21°52	22°27	19°24	14°14	21°51	28°15	26°57	12° 4	n.a.	F 15
S 16	16 46 20	10°39'05	25°43	6°34	18°47	10°35	22° 4	22°31	19°22	14°12	21°49	28°13	26°54	12°11	n.a.	S 16
S 17	16 50 17	11°36'23	9♍37	7°50	19°57	11°15	22°15	22°34	19°19	14°11	21°48	28°D12	26°50	12°18	n.a.	S 17
M18	16 54 13	12°33'41	23°42	9° 4	21° 7	11°55	22°26	22°38	19°17	14°10	21°46	28°12	26°47	12°24	n.a.	M18
T 19	16 58 10	13°30'59	7♎58	10°15	22°17	12°35	22°38	22°41	19°14	14° 8	21°45	28°13	26°44	12°31	n.a.	T 19
W20	17 2 6	14°28'19	22°22	11°24	23°27	13°15	22°49	22°44	19°12	14° 7	21°44	28°R14	26°41	12°38	n.a.	W20
T 21	17 6 3	15°25'39	6♏52	12°31	24°37	13°54	23° 1	22°47	19°10	14° 6	21°42	28°14	26°38	12°44	n.a.	T 21
F 22	17 10 0	16°23'00	21°23	13°35	25°46	14°34	23°12	22°50	19° 7	14° 4	21°41	28°12	26°35	12°51	n.a.	F 22
S 23	17 13 56	17°20'23	5♐49	14°36	26°56	15°13	23°24	22°53	19° 5	14° 3	21°40	28° 8	26°31	12°58	n.a.	S 23
S 24	17 17 53	18°17'46	20° 6	15°35	28° 6	15°52	23°36	22°56	19° 2	14° 1	21°38	28° 2	26°28	13° 4	n.a.	S 24
M25	17 21 49	19°15'11	4♑ 7	16°31	29°15	16°31	23°47	22°58	19° 0	14° 0	21°37	27°54	26°25	13°11	n.a.	M25
T 26	17 25 46	20°12'36	17°49	17°23	0♌24	17°10	23°59	23° 1	18°58	13°58	21°36	27°45	26°22	13°18	n.a.	T 26
W27	17 29 42	21°10'04	1♒ 8	18°13	1°34	17°49	24°11	23° 3	18°55	13°57	21°34	27°37	26°19	13°24	n.a.	W27
T 28	17 33 39	22° 7'32	14° 4	18°59	2°43	18°28	24°23	23° 6	18°53	13°55	21°33	27°30	26°15	13°31	n.a.	T 28
F 29	17 37 36	23° 5'02	26°38	19°41	3°52	19° 7	24°35	23° 8	18°51	13°54	21°32	27°25	26°12	13°37	n.a.	F 29
S 30	17 41 32	24♊ 2'34	8♓54	20♋20	5♌ 1	19♈45	24♋47	23♓10	18♐48	13♑52	21♏31	27♎21	26♎ 9	13♈44	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n41	10s50	4n56	24n46	1n57	25n45	1n54	1s 3	1s20	23n30	1n 5	5s42	2s28	23s47	0s19	23s23	0s20	14s59	3n47	11s13	10s50	5n38		n.a.
S 2	19 54	7 14	4 27	24 57	1 56	25 44	1 54	0 46	1 20	23 28	1 5	5 40	2 28	23 47	0 19	23 23	0 20	14 59	3 47	11 13	10 49	5 40		n.a.
S 3	20 7	3 23	3 46	25 6	1 53	25 43	1 54	0 29	1 20	23 27	1 4	5 38	2 28	23 47	0 19	23 23	0 20	14 59	3 47	11 14	10 48	5 42		n.a.
M 4	20 20	0n33	2 57	25 13	1 51	25 40	1 54	0 12	1 19	23 25	1 4	5 37	2 29	23 47	0 19	23 24	0 20	14 59	3 46	11 14	10 47	5 44		n.a.
T 5	20 33	4 27	2 0	25 17	1 47	25 37	1 54	0n 4	1 19	23 23	1 4	5 35	2 29	23 46	0 19	23 24	0 20	14 58	3 46	11 15	10 45	5 45		n.a.
W 6	20 45	8 11	0 57	25 20	1 43	25 33	1 53	0 21	1 19	23 22	1 4	5 34	2 29	23 46	0 19	23 24	0 20	14 58	3 46	11 15	10 44	5 47		n.a.
T 7	20 56	11 37	0s 7	25 21	1 39	25 29	1 53	0 38	1 18	23 20	1 4	5 32	2 30	23 46	0 19	23 24	0 20	14 58	3 46	11 16	10 43	5 49		n.a.
F 8	21 8	14 37	1 12	25 21	1 34	25 24	1 52	0 55	1 18	23 18	1 4	5 31	2 30	23 46	0 19	23 24	0 20	14 57	3 46	11 15	10 42	5 51		n.a.
S 9	21 19	17 1	2 15	25 18	1 29	25 18	1 52	1 11	1 18	23 17	1 4	5 29	2 30	23 46	0 19	23 24	0 20	14 57	3 46	11 14	10 41	5 53		n.a.
S 10	21 30	18 40	3 12	25 14	1 23	25 11	1 51	1 28	1 18	23 15	1 4	5 28	2 30	23 46	0 19	23 24	0 20	14 57	3 46	11 13	10 40	5 55		n.a.
M11	21 40	19 26	4 1	25 8	1 17	25 3	1 51	1 45	1 17	23 13	1 4	5 27	2 31	23 45	0 19	23 25	0 20	14 57	3 46	11 11	10 38	5 57		n.a.
T 12	21 50	19 12	4 38	25 1	1 10	24 55	1 50	2 1	1 17	23 11	1 4	5 25	2 31	23 45	0 19	23 25	0 20	14 56	3 45	11 9	10 37	5 59		n.a.
W13	22 0	17 58	5 2	24 53	1 3	24 46	1 49	2 18	1 17	23 10	1 4	5 24	2 31	23 45	0 19	23 25	0 20	14 56	3 45	11 6	10 36	6 0		n.a.
T 14	22 9	15 46	5 10	24 43	0 55	24 37	1 48	2 34	1 16	23 8	1 4	5 23	2 31	23 45	0 19	23 25	0 20	14 56	3 45	11 4	10 35	6 2		n.a.
F 15	22 18	12 40	5 1	24 33	0 47	24 27	1 47	2 50	1 16	23 6	1 4	5 22	2 32	23 45	0 19	23 25	0 20	14 56	3 45	11 3	10 34	6 4		n.a.
S 16	22 26	8 52	4 35	24 21	0 39	24 16	1 46	3 7	1 16	23 4	1 4	5 20	2 32	23 44	0 19	23 25	0 20	14 56	3 45	11 2	10 33	6 6		n.a.
S 17	22 34	4 31	3 53	24 8	0 30	24 4	1 44	3 23	1 15	23 2	1 4	5 19	2 32	23 44	0 19	23 26	0 20	14 55	3 45	11 1	10 31	6 8		n.a.
M18	22 42	0s 9	2 56	23 54	0 21	23 52	1 43	3 39	1 15	23 0	1 4	5 18	2 32	23 44	0 19	23 26	0 20	14 55	3 45	11 1	10 30	6 10		n.a.
T 19	22 49	4 51	1 48	23 39	0 11	23 39	1 41	3 55	1 14	22 58	1 4	5 17	2 33	23 44	0 19	23 26	0 20	14 55	3 44	11 2	10 29	6 12		n.a.
W20	22 56	9 21	0 32	23 23	0 2	23 25	1 40	4 11	1 14	22 56	1 4	5 16	2 33	23 44	0 19	23 26	0 20	14 55	3 44	11 2	10 28	6 13		n.a.
T 21	23 3	13 19	0n47	23 7	0s 8	23 11	1 38	4 27	1 14	22 54	1 4	5 15	2 33	23 44	0 19	23 26	0 20	14 54	3 44	11 2	10 27	6 15		n.a.
F 22	23 9	16 28	2 2	22 51	0 19	22 57	1 36	4 43	1 13	22 52	1 4	5 14	2 34	23 43	0 19	23 26	0 20	14 54	3 44	11 1	10 26	6 17		n.a.
S 23	23 15	18 34	3 9	22 33	0 30	22 41	1 35	4 59	1 13	22 50	1 4	5 13	2 34	23 43	0 19	23 27	0 20	14 54	3 44	11 0	10 24	6 19		n.a.
S 24	23 20	19 27	4 3	22 16	0 41	22 25	1 33	5 14	1 12	22 48	1 3	5 12	2 34	23 43	0 19	23 27	0 20	14 54	3 44	10 57	10 23	6 21		n.a.
M25	23 25	19 7	4 41	21 58	0 52	22 9	1 31	5 30	1 12	22 46	1 3	5 12	2 34	23 43	0 19	23 27	0 20	14 54	3 43	10 55	10 22	6 23		n.a.
T 26	23 30	17 40	5 2	21 40	1 3	21 51	1 28	5 46	1 11	22 44	1 3	5 11	2 35	23 43	0 19	23 27	0 20	14 53	3 43	10 52	10 21	6 25		n.a.
W27	23 34	15 17	5 6	21 22	1 15	21 34	1 26	6 1	1 11	22 42	1 3	5 10	2 35	23 42	0 19	23 27	0 20	14 53	3 43	10 49	10 20	6 26		n.a.
T 28	23 37	12 13	4 54	21 3	1 27	21 15	1 24	6 17	1 11	22 40	1 3	5 10	2 35	23 42	0 19	23 27	0 20	14 53	3 43	10 46	10 19	6 28		n.a.
F 29	23 41	8 40	4 28	20 45	1 39	20 57	1 21	6 32	1 10	22 37	1 3	5 9	2 36	23 42	0 19	23 28	0 20	14 53	3 43	10 44	10 17	6 30		n.a.
S 30	23n44	4s50	3n50	20n28	1s51	20n37	1n19	6n47	1s10	22n35	1n 3	5s 8	2s36	23s42	0s19	23s28	0s20	14s53	3n43	10s43	10s16	6n32		n.a.

Julian Day Number = 1192327.5, Delta T = 09h30m55s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'45, Lahiri = -23°56'45 Julian Calendar 1 June 1449 BCE == Greg. Calendar 19 May 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

JULY 1449 BCE (-1448) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 45 29	25♊ 0'07	20♓56	20♋55	6♌10	20♈24	24♋59	23♓12	18°R46	13°R51	21°R29	27°D20	26♎ 6	13♈51	n.a.	S 1
M 2	17 49 25	25°57'42	2♈48	21°26	7°19	21° 2	25°11	23°14	18♐43	13♉49	21♏28	27♎20	26° 3	13°57	n.a.	M 2
T 3	17 53 22	26°55'19	14°37	21°53	8°28	21°41	25°23	23°16	18°41	13°48	21°27	27°21	26° 0	14° 4	n.a.	T 3
W 4	17 57 18	27°52'57	26°27	22°15	9°36	22°19	25°35	23°17	18°39	13°46	21°26	27°R21	25°56	14°11	n.a.	W 4
T 5	18 1 15	28°50'37	8♉23	22°32	10°45	22°57	25°48	23°19	18°36	13°45	21°25	27°21	25°53	14°17	n.a.	T 5
F 6	18 5 11	29°48'19	20°29	22°45	11°53	23°35	26° 0	23°21	18°34	13°43	21°24	27°18	25°50	14°24	n.a.	F 6
S 7	18 9 8	0♋46'02	2♊50	22°52	13° 1	24°13	26°12	23°22	18°32	13°41	21°23	27°13	25°47	14°31	n.a.	S 7
S 8	18 13 5	1°43'47	15°27	22°R54	14°10	24°50	26°25	23°23	18°29	13°40	21°22	27° 6	25°44	14°37	n.a.	S 8
M 9	18 17 1	2°41'34	28°22	22°51	15°18	25°28	26°37	23°24	18°27	13°38	21°21	26°56	25°41	14°44	n.a.	M 9
T 10	18 20 58	3°39'22	11♋34	22°41	16°26	26° 5	26°50	23°26	18°25	13°37	21°19	26°45	25°37	14°51	n.a.	T 10
W11	18 24 54	4°37'12	25° 1	22°26	17°34	26°43	27° 2	23°27	18°22	13°35	21°18	26°34	25°34	14°57	n.a.	W11
T 12	18 28 51	5°35'04	8♌41	22° 5	18°41	27°20	27°15	23°27	18°20	13°33	21°18	26°24	25°31	15° 4	n.a.	T 12
F 13	18 32 47	6°32'57	22°32	21°39	19°49	27°57	27°27	23°28	18°18	13°32	21°17	26°16	25°28	15°11	n.a.	F 13
S 14	18 36 44	7°30'51	6♍29	21° 7	20°57	28°34	27°40	23°29	18°16	13°30	21°16	26°10	25°25	15°17	n.a.	S 14
S 15	18 40 40	8°28'47	20°31	20°29	22° 4	29°10	27°53	23°29	18°13	13°29	21°15	26° 6	25°21	15°24	n.a.	S 15
M16	18 44 37	9°26'44	4♎37	19°47	23°11	29°47	28° 5	23°30	18°11	13°27	21°14	26°D 5	25°18	15°31	n.a.	M16
T 17	18 48 34	10°24'43	18°44	19° 0	24°18	0♉24	28°18	23°30	18° 9	13°25	21°13	26°R 5	25°15	15°37	n.a.	T 17
W18	18 52 30	11°22'43	2♏52	18° 9	25°25	1° 0	28°31	23°30	18° 7	13°24	21°12	26° 5	25°12	15°44	n.a.	W18
T 19	18 56 27	12°20'45	17° 1	17°15	26°32	1°36	28°43	23°30	18° 5	13°22	21°11	26° 4	25° 9	15°50	n.a.	T 19
F 20	19 0 23	13°18'48	1♐ 7	16°20	27°39	2°12	28°56	23°R30	18° 3	13°20	21°10	26° 0	25° 6	15°57	n.a.	F 20
S 21	19 4 20	14°16'53	15° 8	15°23	28°45	2°48	29° 9	23°30	18° 1	13°19	21°10	25°54	25° 2	16° 4	n.a.	S 21
S 22	19 8 16	15°15'00	29° 1	14°27	29°52	3°24	29°22	23°30	17°59	13°17	21° 9	25°45	24°59	16°10	n.a.	S 22
M23	19 12 13	16°13'08	12♑42	13°33	0♍58	4° 0	29°35	23°30	17°57	13°15	21° 8	25°33	24°56	16°17	n.a.	M23
T 24	19 16 9	17°11'19	26° 8	12°41	2° 4	4°35	29°48	23°29	17°55	13°14	21° 8	25°21	24°53	16°24	n.a.	T 24
W25	19 20 6	18° 9'31	9♒16	11°52	3°10	5°11	0♌ 0	23°29	17°53	13°12	21° 7	25° 9	24°50	16°30	n.a.	W25
T 26	19 24 3	19° 7'45	22° 5	11° 9	4°15	5°46	0°13	23°28	17°51	13°10	21° 6	24°58	24°47	16°37	n.a.	T 26
F 27	19 27 59	20° 6'01	4♓35	10°32	5°21	6°21	0°26	23°27	17°49	13° 9	21° 6	24°49	24°43	16°44	n.a.	F 27
S 28	19 31 56	21° 4'20	16°49	10° 2	6°26	6°56	0°39	23°27	17°47	13° 7	21° 5	24°43	24°40	16°50	n.a.	S 28
S 29	19 35 52	22° 2'40	28°49	9°40	7°31	7°30	0°52	23°26	17°45	13° 6	21° 5	24°39	24°37	16°57	n.a.	S 29
M30	19 39 49	23° 1'03	10♈41	9°26	8°36	8° 5	1° 5	23°24	17°43	13° 4	21° 4	24°38	24°34	17° 4	n.a.	M30
T 31	19 43 45	23♋59'28	22♈29	9°D21	9♍41	8♉39	1♌18	23♓23	17♐41	13♑ 2	21♏ 4	24♎37	24♎31	17♈10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n46	0s52	3n 3	20n10	2s 3	20n17	1n16	7n 2	1s 9	22n33	1n 3	5s 8	2s36	23s42	0s19	23s28	0s20	14s53	3n42	10s42	10s15	6n34			n.a.
M 2	23 48	3n 5	2 8	19 53	2 15	19 57	1 13	7 18	1 9	22 31	1 3	5 7	2 37	23 41	0 19	23 28	0 20	14 53	3 42	10 42	10 14	6 36			n.a.
T 3	23 50	6 54	1 8	19 37	2 28	19 36	1 11	7 33	1 8	22 28	1 3	5 7	2 37	23 41	0 19	23 28	0 20	14 52	3 42	10 43	10 13	6 37			n.a.
W 4	23 51	10 27	0 5	19 22	2 40	19 15	1 8	7 47	1 8	22 26	1 3	5 6	2 37	23 41	0 19	23 28	0 20	14 52	3 42	10 43	10 12	6 39			n.a.
T 5	23 51	13 37	0s59	19 7	2 52	18 53	1 5	8 2	1 7	22 24	1 3	5 6	2 37	23 41	0 19	23 29	0 20	14 52	3 42	10 43	10 10	6 41			n.a.
F 6	23 52	16 15	2 0	18 53	3 4	18 31	1 1	8 17	1 7	22 21	1 3	5 6	2 38	23 41	0 19	23 29	0 20	14 52	3 42	10 42	10 9	6 43			n.a.
S 7	23 52	18 12	2 58	18 41	3 15	18 8	0 58	8 32	1 6	22 19	1 3	5 5	2 38	23 40	0 19	23 29	0 20	14 52	3 41	10 40	10 8	6 45			n.a.
S 8	23 51	19 17	3 47	18 29	3 26	17 45	0 55	8 46	1 6	22 17	1 3	5 5	2 38	23 40	0 19	23 29	0 20	14 52	3 41	10 37	10 7	6 46			n.a.
M 9	23 50	19 25	4 26	18 20	3 37	17 21	0 52	9 1	1 5	22 14	1 3	5 5	2 39	23 40	0 19	23 29	0 21	14 52	3 41	10 34	10 6	6 48			n.a.
T 10	23 49	18 30	4 52	18 11	3 47	16 57	0 48	9 15	1 4	22 12	1 3	5 5	2 39	23 40	0 19	23 30	0 21	14 52	3 41	10 30	10 5	6 50			n.a.
W11	23 47	16 33	5 3	18 5	3 56	16 33	0 44	9 29	1 4	22 9	1 3	5 5	2 39	23 40	0 19	23 30	0 21	14 52	3 41	10 25	10 3	6 52			n.a.
T 12	23 45	13 39	4 56	18 0	4 4	16 8	0 41	9 43	1 3	22 7	1 3	5 5	2 40	23 39	0 19	23 30	0 21	14 51	3 41	10 22	10 2	6 54			n.a.
F 13	23 42	9 58	4 32	17 57	4 12	15 43	0 37	9 57	1 3	22 4	1 3	5 5	2 40	23 39	0 19	23 30	0 21	14 51	3 40	10 19	10 1	6 56			n.a.
S 14	23 39	5 43	3 52	17 56	4 18	15 17	0 33	10 11	1 2	22 2	1 3	5 5	2 40	23 39	0 19	23 30	0 21	14 51	3 40	10 16	10 0	6 57			n.a.
S 15	23 35	1 7	2 57	17 57	4 22	14 52	0 29	10 25	1 2	21 59	1 3	5 5	2 40	23 39	0 19	23 30	0 21	14 51	3 40	10 15	9 59	6 59			n.a.
M16	23 31	3s34	1 51	18 0	4 26	14 25	0 25	10 39	1 1	21 57	1 3	5 5	2 41	23 39	0 19	23 31	0 21	14 51	3 40	10 15	9 57	7 1			n.a.
T 17	23 27	8 4	0 39	18 5	4 27	13 59	0 21	10 52	1 0	21 54	1 3	5 5	2 41	23 38	0 19	23 31	0 21	14 51	3 40	10 15	9 56	7 3			n.a.
W18	23 22	12 7	0n36	18 12	4 27	13 32	0 17	11 6	1 0	21 51	1 3	5 5	2 41	23 38	0 19	23 31	0 21	14 51	3 39	10 15	9 55	7 5			n.a.
T 19	23 17	15 29	1 49	18 21	4 25	13 5	0 13	11 19	0 59	21 49	1 3	5 5	2 42	23 38	0 19	23 31	0 21	14 51	3 39	10 14	9 54	7 6			n.a.
F 20	23 11	17 54	2 54	18 32	4 21	12 38	0 8	11 32	0 58	21 46	1 3	5 6	2 42	23 38	0 19	23 31	0 21	14 51	3 39	10 13	9 53	7 8			n.a.
S 21	23 5	19 14	3 49	18 44	4 15	12 10	0 4	11 45	0 58	21 43	1 3	5 6	2 42	23 38	0 19	23 32	0 21	14 51	3 39	10 11	9 52	7 10			n.a.
S 22	22 58	19 22	4 29	18 58	4 7	11 43	0s 1	11 58	0 57	21 41	1 3	5 6	2 43	23 37	0 19	23 32	0 21	14 51	3 39	10 7	9 50	7 12			n.a.
M23	22 51	18 23	4 53	19 14	3 57	11 14	0 5	12 11	0 56	21 38	1 3	5 7	2 43	23 37	0 19	23 32	0 21	14 51	3 38	10 3	9 49	7 14			n.a.
T 24	22 44	16 22	5 1	19 30	3 46	10 46	0 10	12 24	0 56	21 35	1 3	5 7	2 43	23 37	0 19	23 32	0 21	14 51	3 38	9 58	9 48	7 15			n.a.
W25	22 36	13 34	4 52	19 48	3 33	10 18	0 15	12 37	0 55	21 32	1 3	5 8	2 43	23 37	0 19	23 32	0 21	14 51	3 38	9 54	9 47	7 17			n.a.
T 26	22 28	10 10	4 28	20 6	3 18	9 49	0 20	12 49	0 54	21 30	1 3	5 8	2 44	23 37	0 19	23 32	0 21	14 51	3 38	9 50	9 46	7 19			n.a.
F 27	22 20	6 24	3 52	20 25	3 2	9 20	0 24	13 2	0 54	21 27	1 3	5 9	2 44	23 37	0 19	23 33	0 21	14 51	3 38	9 47	9 44	7 21			n.a.
S 28	22 11	2 27	3 6	20 44	2 45	8 51	0 29	13 14	0 53	21 24	1 4	5 9	2 44	23 36	0 19	23 33	0 21	14 51	3 37	9 44	9 43	7 23			n.a.
S 29	22 1	1n32	2 12	21 3	2 28	8 22	0 35	13 26	0 52	21 21	1 4	5 10	2 45	23 36	0 19	23 33	0 21	14 51	3 37	9 43	9 42	7 24			n.a.
M30	21 52	5 25	1 13	21 22	2 10	7 53	0 40	13 38	0 51	21 18	1 4	5 11	2 45	23 36	0 19	23 33	0 21	14 51	3 37	9 42	9 41	7 26			n.a.
T 31	21n41	9n 5	0n11	21n40	1s51	7n23	0s45	13n50	0s51	21n15	1n 4	5s11	2s45	23s36	0s19	23s33	0s21	14s51	3n37	9s42	9s40	7n28			n.a.

Julian Day Number = 1192357.5, Delta T = 09h30m53s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'41, Lahiri = -23°56'41 Julian Calendar 1 July 1449 BCE == Greg. Calendar 18 June 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

AUGUST 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 47 42	24♋57'56	4♉19	9♋24	10♍45	9♉14	1♌31	23°R22	17°R40	13°R 1	21°R 3	24°R37	24♎27	17♈17	n.a.	W 1
T 2	19 51 38	25°56'25	16°16	9°37	11°49	9°48	1°44	23♓21	17♐38	12♑59	21♏ 3	24♎36	24°24	17°24	n.a.	T 2
F 3	19 55 35	26°54'57	28°26	9°59	12°53	10°22	1°57	23°19	17°36	12°58	21° 2	24°33	24°21	17°30	n.a.	F 3
S 4	19 59 31	27°53'32	10♊53	10°30	13°57	10°56	2°10	23°17	17°35	12°56	21° 2	24°28	24°18	17°37	n.a.	S 4
S 5	20 3 28	28°52'09	23°39	11°10	15° 1	11°29	2°23	23°16	17°33	12°54	21° 2	24°20	24°15	17°43	n.a.	S 5
M 6	20 7 25	29°50'48	6♋48	11°58	16° 4	12° 3	2°37	23°14	17°31	12°53	21° 1	24°10	24°12	17°50	n.a.	M 6
T 7	20 11 21	0♌49'29	20°19	12°54	17° 7	12°36	2°50	23°12	17°30	12°51	21° 1	23°58	24° 8	17°57	n.a.	T 7
W 8	20 15 18	1°48'12	4♌10	13°57	18°10	13° 9	3° 3	23°10	17°28	12°50	21° 1	23°45	24° 5	18° 3	n.a.	W 8
T 9	20 19 14	2°46'58	18°16	15° 7	19°13	13°42	3°16	23° 8	17°27	12°48	21° 0	23°34	24° 2	18°10	n.a.	T 9
F 10	20 23 11	3°45'45	2♍33	16°24	20°15	14°14	3°29	23° 6	17°25	12°47	21° 0	23°24	23°59	18°17	n.a.	F 10
S 11	20 27 7	4°44'35	16°54	17°45	21°17	14°47	3°42	23° 3	17°24	12°45	21° 0	23°18	23°56	18°23	n.a.	S 11
S 12	20 31 4	5°43'26	1♎15	19°12	22°19	15°19	3°55	23° 1	17°23	12°44	21° 0	23°14	23°53	18°30	n.a.	S 12
M13	20 35 0	6°42'19	15°32	20°43	23°21	15°51	4° 8	22°58	17°21	12°42	21° 0	23°12	23°49	18°37	n.a.	M13
T 14	20 38 57	7°41'14	29°43	22°18	24°22	16°23	4°21	22°56	17°20	12°41	21° 0	23°D12	23°46	18°43	n.a.	T 14
W15	20 42 53	8°40'11	13♏47	23°56	25°23	16°54	4°34	22°53	17°19	12°39	21° 0	23°R12	23°43	18°50	n.a.	W15
T 16	20 46 50	9°39'10	27°42	25°37	26°23	17°26	4°47	22°50	17°18	12°38	21°D 0	23°11	23°40	18°57	n.a.	T 16
F 17	20 50 47	10°38'11	11♐29	27°20	27°23	17°57	5° 0	22°47	17°17	12°36	21° 0	23° 8	23°37	19° 3	n.a.	F 17
S 18	20 54 43	11°37'14	25° 7	29° 5	28°23	18°28	5°13	22°44	17°15	12°35	21° 0	23° 2	23°33	19°10	n.a.	S 18
S 19	20 58 40	12°36'18	8♑35	0♌51	29°23	18°59	5°26	22°41	17°14	12°34	21° 0	22°53	23°30	19°17	n.a.	S 19
M20	21 2 36	13°35'25	21°52	2°38	0♎22	19°29	5°39	22°38	17°13	12°32	21° 0	22°42	23°27	19°23	n.a.	M20
T 21	21 6 33	14°34'34	4♒56	4°25	1°20	19°59	5°52	22°35	17°12	12°31	21° 0	22°31	23°24	19°30	n.a.	T 21
W22	21 10 29	15°33'45	17°46	6°13	2°19	20°30	6° 5	22°31	17°12	12°30	21° 0	22°19	23°21	19°36	n.a.	W22
T 23	21 14 26	16°32'58	0♓22	8° 2	3°16	20°59	6°18	22°28	17°11	12°28	21° 0	22° 8	23°18	19°43	n.a.	T 23
F 24	21 18 22	17°32'13	12°43	9°50	4°14	21°29	6°31	22°25	17°10	12°27	21° 1	22° 0	23°14	19°50	n.a.	F 24
S 25	21 22 19	18°31'31	24°51	11°38	5°11	21°58	6°44	22°21	17° 9	12°26	21° 1	21°54	23°11	19°56	n.a.	S 25
S 26	21 26 16	19°30'50	6♈48	13°26	6° 7	22°27	6°57	22°17	17° 8	12°25	21° 1	21°50	23° 8	20° 3	n.a.	S 26
M27	21 30 12	20°30'13	18°38	15°13	7° 3	22°56	7°10	22°14	17° 8	12°23	21° 2	21°D49	23° 5	20°10	n.a.	M27
T 28	21 34 9	21°29'38	0♉25	17° 0	7°58	23°25	7°23	22°10	17° 7	12°22	21° 2	21°49	23° 2	20°16	n.a.	T 28
W29	21 38 5	22°29'05	12°13	18°46	8°53	23°53	7°36	22° 6	17° 6	12°21	21° 2	21°50	22°59	20°23	n.a.	W29
T 30	21 42 2	23°28'34	24° 9	20°32	9°48	24°21	7°49	22° 2	17° 6	12°20	21° 3	21°R50	22°55	20°30	n.a.	T 30
F 31	21 45 58	24♌28'07	6♊18	22♌18	10♎42	24♉49	8♌ 2	21♓58	17♐ 5	12♑19	21♏ 3	21♎49	22♎52	20♈36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n31	12n23	0s51	21n58	1s33	6n54	0s50	14n 2	0s50	21n12	1n 4	5s12	2s45	23s36	0s19	23s34	0s21	14s51	3n37	9s42	9s39	7n30			n.a.
T 2	21 20	15 13	1 52	22 16	1 15	6 24	0 55	14 14	0 49	21 9	1 4	5 13	2 46	23 36	0 19	23 34	0 21	14 52	3 36	9 42	9 37	7 32			n.a.
F 3	21 9	17 25	2 49	22 32	0 57	5 54	1 1	14 25	0 48	21 7	1 4	5 14	2 46	23 35	0 19	23 34	0 21	14 52	3 36	9 41	9 36	7 33			n.a.
S 4	20 57	18 51	3 39	22 47	0 40	5 24	1 6	14 37	0 48	21 4	1 4	5 15	2 46	23 35	0 19	23 34	0 21	14 52	3 36	9 39	9 35	7 35			n.a.
S 5	20 45	19 23	4 19	23 0	0 23	4 54	1 12	14 48	0 47	21 1	1 4	5 16	2 47	23 35	0 19	23 34	0 21	14 52	3 36	9 36	9 34	7 37			n.a.
M 6	20 32	18 54	4 47	23 12	0 7	4 24	1 17	14 59	0 46	20 58	1 4	5 17	2 47	23 35	0 19	23 34	0 21	14 52	3 36	9 32	9 33	7 39			n.a.
T 7	20 20	17 21	5 0	23 21	0n 8	3 54	1 23	15 11	0 45	20 55	1 4	5 18	2 47	23 35	0 19	23 35	0 21	14 52	3 35	9 27	9 31	7 40			n.a.
W 8	20 7	14 46	4 56	23 29	0 22	3 24	1 28	15 21	0 44	20 52	1 4	5 19	2 47	23 35	0 19	23 35	0 21	14 52	3 35	9 23	9 30	7 42			n.a.
T 9	19 53	11 17	4 34	23 34	0 35	2 54	1 34	15 32	0 43	20 49	1 4	5 20	2 48	23 34	0 19	23 35	0 21	14 52	3 35	9 18	9 29	7 44			n.a.
F 10	19 39	7 7	3 54	23 37	0 47	2 24	1 40	15 43	0 43	20 45	1 4	5 21	2 48	23 34	0 19	23 35	0 21	14 52	3 35	9 15	9 28	7 46			n.a.
S 11	19 25	2 31	3 0	23 37	0 58	1 54	1 46	15 54	0 42	20 42	1 4	5 22	2 48	23 34	0 19	23 35	0 21	14 53	3 35	9 12	9 27	7 47			n.a.
S 12	19 10	2s14	1 54	23 35	1 8	1 24	1 51	16 4	0 41	20 39	1 4	5 23	2 48	23 34	0 19	23 35	0 21	14 53	3 34	9 11	9 25	7 49			n.a.
M13	18 55	6 51	0 41	23 30	1 17	0 54	1 57	16 14	0 40	20 36	1 4	5 25	2 49	23 34	0 19	23 35	0 21	14 53	3 34	9 10	9 24	7 51			n.a.
T 14	18 40	11 2	0n35	23 22	1 24	0 24	2 3	16 24	0 39	20 33	1 4	5 26	2 49	23 34	0 19	23 36	0 21	14 53	3 34	9 10	9 23	7 53			n.a.
W15	18 25	14 33	1 47	23 12	1 31	0s 6	2 9	16 34	0 38	20 30	1 4	5 27	2 49	23 34	0 19	23 36	0 21	14 53	3 34	9 10	9 22	7 55			n.a.
T 16	18 9	17 12	2 52	22 59	1 37	0 36	2 15	16 44	0 37	20 27	1 5	5 29	2 49	23 34	0 19	23 36	0 21	14 54	3 33	9 10	9 21	7 56			n.a.
F 17	17 53	18 49	3 47	22 43	1 41	1 6	2 21	16 54	0 36	20 24	1 5	5 30	2 50	23 33	0 19	23 36	0 21	14 54	3 33	9 9	9 19	7 58			n.a.
S 18	17 36	19 19	4 28	22 25	1 45	1 35	2 27	17 4	0 35	20 21	1 5	5 31	2 50	23 33	0 19	23 36	0 21	14 54	3 33	9 6	9 18	8 0			n.a.
S 19	17 19	18 42	4 53	22 5	1 48	2 5	2 33	17 13	0 34	20 17	1 5	5 33	2 50	23 33	0 19	23 36	0 21	14 54	3 33	9 3	9 17	8 2			n.a.
M20	17 2	17 5	5 2	21 43	1 50	2 34	2 39	17 23	0 33	20 14	1 5	5 34	2 50	23 33	0 19	23 36	0 21	14 54	3 33	8 59	9 16	8 3			n.a.
T 21	16 45	14 35	4 55	21 18	1 52	3 3	2 45	17 32	0 32	20 11	1 5	5 36	2 51	23 33	0 19	23 37	0 21	14 55	3 32	8 55	9 15	8 5			n.a.
W22	16 27	11 26	4 34	20 52	1 52	3 33	2 51	17 41	0 31	20 8	1 5	5 37	2 51	23 33	0 19	23 37	0 21	14 55	3 32	8 50	9 14	8 7			n.a.
T 23	16 9	7 49	3 59	20 23	1 52	4 2	2 57	17 50	0 30	20 5	1 5	5 39	2 51	23 33	0 19	23 37	0 21	14 55	3 32	8 46	9 12	8 9			n.a.
F 24	15 51	3 56	3 13	19 53	1 52	4 30	3 3	17 59	0 29	20 1	1 5	5 41	2 51	23 33	0 19	23 37	0 21	14 55	3 32	8 43	9 11	8 10			n.a.
S 25	15 32	0n 2	2 19	19 22	1 50	4 59	3 9	18 8	0 28	19 58	1 5	5 42	2 51	23 33	0 19	23 37	0 21	14 56	3 32	8 41	9 10	8 12			n.a.
S 26	15 14	3 58	1 20	18 49	1 49	5 27	3 16	18 16	0 27	19 55	1 5	5 44	2 52	23 33	0 19	23 37	0 21	14 56	3 31	8 39	9 9	8 14			n.a.
M27	14 55	7 41	0 17	18 15	1 46	5 55	3 22	18 25	0 26	19 52	1 5	5 45	2 52	23 33	0 19	23 37	0 21	14 56	3 31	8 39	9 8	8 15			n.a.
T 28	14 35	11 6	0s46	17 39	1 43	6 23	3 28	18 33	0 25	19 48	1 5	5 47	2 52	23 32	0 19	23 37	0 21	14 57	3 31	8 39	9 6	8 17			n.a.
W29	14 16	14 4	1 47	17 3	1 40	6 51	3 34	18 41	0 24	19 45	1 6	5 49	2 52	23 32	0 19	23 38	0 21	14 57	3 31	8 39	9 5	8 19			n.a.
T 30	13 56	16 29	2 45	16 25	1 37	7 18	3 40	18 50	0 23	19 42	1 6	5 51	2 52	23 32	0 19	23 38	0 21	14 57	3 30	8 39	9 4	8 21			n.a.
F 31	13n36	18n12	3s36	15n47	1n33	7s45	3s46	18n58	0s22	19n38	1n 6	5s52	2s52	23s32	0s19	23s38	0s21	14s58	3n30	8s39	9s 3	8n22			n.a.

Julian Day Number = 1192388.5, Delta T = 09h30m51s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'37, Lahiri = -23°56'37 Julian Calendar 1 Aug. 1449 BCE == Greg. Calendar 19 July 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

SEPTEMBER 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 49 55	25♌27'41	18♊45	24♌ 2	11♎35	25♉16	8♌14	21°R54	17°R 5	12°R18	21♏ 4	21°R47	22♎49	20♈43	n.a.	S 1
S 2	21 53 51	26°27'18	1♋33	25°46	12°27	25°43	8°27	21♓50	17♐ 5	12♑17	21° 4	21♎42	22°46	20°50	n.a.	S 2
M 3	21 57 48	27°26'58	14°47	27°29	13°20	26°10	8°40	21°45	17° 4	12°15	21° 5	21°35	22°43	20°56	n.a.	M 3
T 4	22 1 44	28°26'40	28°27	29°12	14°11	26°37	8°53	21°41	17° 4	12°14	21° 5	21°26	22°39	21° 3	n.a.	T 4
W 5	22 5 41	29°26'24	12♌32	0♍54	15° 2	27° 3	9° 5	21°37	17° 4	12°13	21° 6	21°17	22°36	21° 9	n.a.	W 5
T 6	22 9 38	0♍26'10	26°58	2°35	15°52	27°29	9°18	21°32	17° 4	12°12	21° 7	21° 9	22°33	21°16	n.a.	T 6
F 7	22 13 34	1°25'59	11♍38	4°15	16°41	27°55	9°31	21°28	17° 3	12°12	21° 7	21° 2	22°30	21°23	n.a.	F 7
S 8	22 17 31	2°25'49	26°25	5°55	17°29	28°20	9°43	21°24	17° 3	12°11	21° 8	20°58	22°27	21°29	n.a.	S 8
S 9	22 21 27	3°25'42	11♎11	7°34	18°17	28°45	9°56	21°19	17°D 3	12°10	21° 9	20°55	22°24	21°36	n.a.	S 9
M10	22 25 24	4°25'36	25°50	9°13	19° 4	29° 9	10° 8	21°14	17° 3	12° 9	21° 9	20°D55	22°20	21°43	n.a.	M10
T 11	22 29 20	5°25'33	10♏17	10°51	19°50	29°34	10°21	21°10	17° 3	12° 8	21°10	20°56	22°17	21°49	n.a.	T 11
W12	22 33 17	6°25'31	24°28	12°28	20°35	29°57	10°33	21° 5	17° 4	12° 7	21°11	20°57	22°14	21°56	n.a.	W12
T 13	22 37 13	7°25'31	8♐24	14° 5	21°19	0♊21	10°45	21° 0	17° 4	12° 6	21°12	20°R58	22°11	22° 3	n.a.	T 13
F 14	22 41 10	8°25'32	22° 3	15°41	22° 2	0°44	10°58	20°56	17° 4	12° 6	21°13	20°57	22° 8	22° 9	n.a.	F 14
S 15	22 45 6	9°25'36	5♑27	17°17	22°44	1° 7	11°10	20°51	17° 4	12° 5	21°14	20°54	22° 4	22°16	n.a.	S 15
S 16	22 49 3	10°25'41	18°36	18°52	23°25	1°29	11°22	20°46	17° 5	12° 4	21°15	20°49	22° 1	22°23	n.a.	S 16
M17	22 53 0	11°25'48	1♒31	20°26	24° 5	1°51	11°35	20°41	17° 5	12° 4	21°15	20°43	21°58	22°29	n.a.	M17
T 18	22 56 56	12°25'57	14°14	22° 0	24°44	2°13	11°47	20°36	17° 5	12° 3	21°16	20°36	21°55	22°36	n.a.	T 18
W19	23 0 53	13°26'07	26°45	23°34	25°22	2°34	11°59	20°32	17° 6	12° 2	21°18	20°29	21°52	22°43	n.a.	W19
T 20	23 4 49	14°26'20	9♓ 4	25° 7	25°58	2°55	12°11	20°27	17° 6	12° 2	21°19	20°23	21°49	22°49	n.a.	T 20
F 21	23 8 46	15°26'34	21°13	26°39	26°33	3°15	12°23	20°22	17° 7	12° 1	21°20	20°18	21°45	22°56	n.a.	F 21
S 22	23 12 42	16°26'50	3♈13	28°11	27° 6	3°35	12°35	20°17	17° 8	12° 1	21°21	20°15	21°42	23° 2	n.a.	S 22
S 23	23 16 39	17°27'08	15° 5	29°43	27°39	3°54	12°47	20°12	17° 8	12° 0	21°22	20°D14	21°39	23° 9	n.a.	S 23
M24	23 20 35	18°27'29	26°53	1♎14	28° 9	4°13	12°58	20° 7	17° 9	12° 0	21°23	20°14	21°36	23°16	n.a.	M24
T 25	23 24 32	19°27'51	8♉39	2°45	28°38	4°32	13°10	20° 2	17°10	12° 0	21°24	20°15	21°33	23°22	n.a.	T 25
W26	23 28 28	20°28'15	20°28	4°15	29° 6	4°50	13°22	19°57	17°11	11°59	21°25	20°17	21°30	23°29	n.a.	W26
T 27	23 32 25	21°28'42	2♊23	5°45	29°32	5° 7	13°33	19°52	17°12	11°59	21°27	20°19	21°26	23°36	n.a.	T 27
F 28	23 36 22	22°29'10	14°30	7°15	29°56	5°24	13°45	19°47	17°13	11°59	21°28	20°20	21°23	23°42	n.a.	F 28
S 29	23 40 18	23°29'41	26°53	8°44	0♏19	5°41	13°56	19°42	17°14	11°58	21°29	20°R20	21°20	23°49	n.a.	S 29
S 30	23 44 15	24♍30'14	9♋37	10♎12	0♏39	5♊57	14♌ 8	19♓37	17♐15	11♑58	21♏31	20♎19	21♎17	23♈56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n16	19n 6	4s18	15n 8	1n29	8s12	3s52	19n 5	0s20	19n35	1n 6	5s54	2s53	23s32	0s19	23s38	0s21	14s58	3n30	8s38	9s 2	8n24		n.a.
S 2	12 55	19 3	4 48	14 28	1 24	8 39	3 58	19 13	0 19	19 32	1 6	5 56	2 53	23 32	0 19	23 38	0 21	14 58	3 30	8 36	9 0	8 26		n.a.
M 3	12 34	17 59	5 5	13 48	1 19	9 5	4 4	19 21	0 18	19 29	1 6	5 58	2 53	23 32	0 19	23 38	0 21	14 59	3 30	8 33	8 59	8 28		n.a.
T 4	12 13	15 52	5 4	13 7	1 14	9 31	4 10	19 28	0 17	19 25	1 6	6 0	2 53	23 32	0 19	23 38	0 21	14 59	3 29	8 30	8 58	8 29		n.a.
W 5	11 52	12 46	4 46	12 25	1 9	9 56	4 16	19 36	0 16	19 22	1 6	6 2	2 53	23 32	0 19	23 38	0 21	14 59	3 29	8 27	8 57	8 31		n.a.
T 6	11 31	8 50	4 10	11 43	1 3	10 21	4 22	19 43	0 14	19 19	1 6	6 3	2 53	23 32	0 19	23 38	0 21	15 0	3 29	8 24	8 56	8 33		n.a.
F 7	11 9	4 19	3 16	11 1	0 58	10 46	4 27	19 50	0 13	19 15	1 7	6 5	2 53	23 32	0 19	23 39	0 21	15 0	3 29	8 21	8 54	8 34		n.a.
S 8	10 47	0s30	2 9	10 18	0 52	11 10	4 33	19 57	0 12	19 12	1 7	6 7	2 54	23 32	0 19	23 39	0 21	15 0	3 29	8 19	8 53	8 36		n.a.
S 9	10 26	5 18	0 52	9 35	0 46	11 34	4 39	20 4	0 11	19 9	1 7	6 9	2 54	23 32	0 19	23 39	0 21	15 1	3 28	8 18	8 52	8 38		n.a.
M10	10 3	9 44	0n27	8 52	0 40	11 58	4 44	20 10	0 9	19 5	1 7	6 11	2 54	23 32	0 19	23 39	0 21	15 1	3 28	8 18	8 51	8 40		n.a.
T 11	9 41	13 32	1 43	8 8	0 33	12 21	4 50	20 17	0 8	19 2	1 7	6 13	2 54	23 32	0 19	23 39	0 21	15 2	3 28	8 19	8 50	8 41		n.a.
W12	9 19	16 27	2 52	7 25	0 27	12 43	4 55	20 24	0 7	18 59	1 7	6 15	2 54	23 32	0 19	23 39	0 21	15 2	3 28	8 19	8 48	8 43		n.a.
T 13	8 56	18 20	3 49	6 41	0 21	13 5	5 1	20 30	0 5	18 55	1 7	6 17	2 54	23 32	0 19	23 39	0 21	15 2	3 28	8 19	8 47	8 45		n.a.
F 14	8 33	19 6	4 32	5 57	0 14	13 26	5 6	20 36	0 4	18 52	1 7	6 19	2 54	23 32	0 19	23 39	0 21	15 3	3 27	8 19	8 46	8 46		n.a.
S 15	8 10	18 46	4 59	5 14	0 8	13 47	5 11	20 42	0 2	18 49	1 8	6 21	2 54	23 32	0 19	23 39	0 21	15 3	3 27	8 18	8 45	8 48		n.a.
S 16	7 47	17 26	5 10	4 30	0 1	14 8	5 16	20 48	0 1	18 45	1 8	6 23	2 54	23 32	0 19	23 39	0 21	15 4	3 27	8 16	8 43	8 50		n.a.
M17	7 24	15 13	5 5	3 46	0s 6	14 27	5 21	20 54	0n 1	18 42	1 8	6 25	2 54	23 32	0 19	23 39	0 21	15 4	3 27	8 14	8 42	8 51		n.a.
T 18	7 1	12 19	4 45	3 2	0 12	14 47	5 26	21 0	0 2	18 39	1 8	6 27	2 54	23 32	0 19	23 39	0 21	15 5	3 27	8 11	8 41	8 53		n.a.
W19	6 37	8 53	4 11	2 19	0 19	15 5	5 30	21 6	0 4	18 35	1 8	6 29	2 55	23 32	0 19	23 39	0 21	15 5	3 26	8 8	8 40	8 55		n.a.
T 20	6 14	5 8	3 26	1 35	0 26	15 23	5 35	21 12	0 5	18 32	1 8	6 31	2 55	23 32	0 19	23 39	0 21	15 6	3 26	8 6	8 39	8 57		n.a.
F 21	5 50	1 13	2 32	0 52	0 32	15 40	5 39	21 17	0 7	18 29	1 8	6 33	2 55	23 32	0 19	23 40	0 21	15 6	3 26	8 4	8 37	8 58		n.a.
S 22	5 26	2n42	1 32	0 8	0 39	15 56	5 43	21 22	0 8	18 26	1 9	6 35	2 55	23 32	0 19	23 40	0 21	15 7	3 26	8 3	8 36	9 0		n.a.
S 23	5 3	6 29	0 28	0s35	0 46	16 12	5 47	21 28	0 10	18 22	1 9	6 37	2 55	23 32	0 19	23 40	0 21	15 7	3 26	8 2	8 35	9 2		n.a.
M24	4 39	9 58	0s36	1 18	0 52	16 27	5 51	21 33	0 11	18 19	1 9	6 39	2 55	23 32	0 19	23 40	0 21	15 7	3 25	8 2	8 34	9 3		n.a.
T 25	4 15	13 4	1 40	2 0	0 59	16 41	5 55	21 38	0 13	18 16	1 9	6 41	2 55	23 33	0 19	23 40	0 21	15 8	3 25	8 3	8 33	9 5		n.a.
W26	3 50	15 38	2 39	2 43	1 5	16 54	5 58	21 43	0 15	18 12	1 9	6 43	2 55	23 33	0 19	23 40	0 21	15 8	3 25	8 4	8 31	9 7		n.a.
T 27	3 26	17 33	3 31	3 25	1 11	17 6	6 1	21 48	0 16	18 9	1 9	6 45	2 55	23 33	0 19	23 40	0 21	15 9	3 25	8 4	8 30	9 8		n.a.
F 28	3 2	18 43	4 16	4 6	1 17	17 18	6 4	21 53	0 18	18 6	1 10	6 47	2 55	23 33	0 19	23 40	0 21	15 9	3 25	8 5	8 29	9 10		n.a.
S 29	2 38	19 0	4 49	4 48	1 24	17 28	6 6	21 57	0 20	18 3	1 10	6 49	2 55	23 33	0 19	23 40	0 21	15 10	3 24	8 5	8 28	9 12		n.a.
S 30	2n13	18n21	5s10	5s29	1s30	17s38	6s 8	22n 2	0n21	18n 0	1n10	6s51	2s55	23s33	0s19	23s40	0s21	15s11	3n24	8s 4	8s27	9n13		n.a.

Julian Day Number = 1192419.5, Delta T = 09h30m49s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'33, Lahiri = -23°56'32 Julian Calendar 1 Sept. 1449 BCE == Greg. Calendar 19 Aug. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

OCTOBER 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 48 11	25♍30'48	22♋46	11♎40	0♏58	6♊12	14♌19	19°R33	17♐16	11°R58	21♏32	20°R17	21♎14	24♈ 2	n.a.	M 1
T 2	23 52 8	26°31'25	6♌23	13° 8	1°15	6°27	14°31	19♓28	17°17	11♑58	21°33	20♎14	21°10	24° 9	n.a.	T 2
W 3	23 56 4	27°32'03	20°27	14°35	1°30	6°42	14°42	19°23	17°18	11°57	21°35	20°11	21° 7	24°16	n.a.	W 3
T 4	0 0 1	28°32'44	4♍57	16° 1	1°42	6°56	14°53	19°18	17°19	11°57	21°36	20° 7	21° 4	24°22	n.a.	T 4
F 5	0 3 57	29°33'26	19°47	17°27	1°53	7° 9	15° 4	19°13	17°21	11°57	21°38	20° 5	21° 1	24°29	n.a.	F 5
S 6	0 7 54	0♎34'09	4♎51	18°52	2° 1	7°21	15°15	19° 8	17°22	11°D57	21°39	20° 3	20°58	24°35	n.a.	S 6
S 7	0 11 51	1°34'55	19°58	20°16	2° 7	7°33	15°26	19° 4	17°23	11°57	21°40	20°D 3	20°55	24°42	n.a.	S 7
M 8	0 15 47	2°35'41	5♏ 1	21°39	2°11	7°45	15°37	18°59	17°25	11°57	21°42	20° 3	20°51	24°49	n.a.	M 8
T 9	0 19 44	3°36'30	19°50	23° 2	2°R13	7°56	15°47	18°54	17°26	11°57	21°44	20° 4	20°48	24°55	n.a.	T 9
W10	0 23 40	4°37'19	4♐20	24°23	2°12	8° 6	15°58	18°49	17°28	11°57	21°45	20° 5	20°45	25° 2	n.a.	W10
T 11	0 27 37	5°38'09	18°27	25°43	2° 8	8°15	16° 9	18°45	17°29	11°58	21°47	20° 6	20°42	25° 9	n.a.	T 11
F 12	0 31 33	6°39'01	2♑11	27° 2	2° 2	8°24	16°19	18°40	17°31	11°58	21°48	20°R 7	20°39	25°15	n.a.	F 12
S 13	0 35 30	7°39'54	15°32	28°19	1°54	8°32	16°29	18°36	17°33	11°58	21°50	20° 7	20°35	25°22	n.a.	S 13
S 14	0 39 26	8°40'48	28°33	29°35	1°43	8°40	16°40	18°31	17°34	11°58	21°52	20° 6	20°32	25°29	n.a.	S 14
M15	0 43 23	9°41'43	11♒16	0♏48	1°30	8°46	16°50	18°27	17°36	11°59	21°53	20° 5	20°29	25°35	n.a.	M15
T 16	0 47 20	10°42'39	23°43	2° 0	1°14	8°52	17° 0	18°22	17°38	11°59	21°55	20° 4	20°26	25°42	n.a.	T 16
W17	0 51 16	11°43'35	5♓58	3° 8	0°56	8°58	17°10	18°18	17°40	11°59	21°57	20° 2	20°23	25°49	n.a.	W17
T 18	0 55 13	12°44'33	18° 3	4°14	0°35	9° 2	17°20	18°14	17°42	12° 0	21°58	20° 1	20°20	25°55	n.a.	T 18
F 19	0 59 9	13°45'32	0♈ 1	5°17	0°13	9° 6	17°30	18°10	17°44	12° 0	22° 0	20° 1	20°16	26° 2	n.a.	F 19
S 20	1 3 6	14°46'32	11°53	6°15	29♎48	9° 9	17°39	18° 5	17°46	12° 0	22° 2	20° 0	20°13	26° 8	n.a.	S 20
S 21	1 7 2	15°47'34	23°42	7° 9	29°21	9°12	17°49	18° 1	17°48	12° 1	22° 4	20°D 0	20°10	26°15	n.a.	S 21
M22	1 10 59	16°48'36	5♉29	7°58	28°52	9°13	17°58	17°57	17°50	12° 1	22° 5	20° 0	20° 7	26°22	n.a.	M22
T 23	1 14 55	17°49'40	17°18	8°42	28°22	9°14	18° 8	17°53	17°52	12° 2	22° 7	20° 1	20° 4	26°28	n.a.	T 23
W24	1 18 52	18°50'44	29°10	9°19	27°50	9°R14	18°17	17°50	17°54	12° 3	22° 9	20° 1	20° 1	26°35	n.a.	W24
T 25	1 22 49	19°51'50	11♊ 9	9°49	27°16	9°14	18°26	17°46	17°56	12° 3	22°11	20°R 1	19°57	26°42	n.a.	T 25
F 26	1 26 45	20°52'58	23°17	10°10	26°42	9°12	18°35	17°42	17°58	12° 4	22°13	20° 1	19°54	26°48	n.a.	F 26
S 27	1 30 42	21°54'06	5♋40	10°23	26° 7	9°10	18°44	17°38	18° 1	12° 5	22°15	20° 1	19°51	26°55	n.a.	S 27
S 28	1 34 38	22°55'15	18°20	10°R26	25°31	9° 6	18°53	17°35	18° 3	12° 5	22°16	20°D 1	19°48	27° 2	n.a.	S 28
M29	1 38 35	23°56'26	1♌21	10°19	24°54	9° 2	19° 2	17°31	18° 5	12° 6	22°18	20° 1	19°45	27° 8	n.a.	M29
T 30	1 42 31	24°57'37	14°47	10° 1	24°18	8°58	19°10	17°28	18° 8	12° 7	22°20	20° 1	19°41	27°15	n.a.	T 30
W31	1 46 28	25♎58'50	28♌39	9♏31	23♎42	8♊52	19♌19	17♓25	18♐10	12♑ 8	22♏22	20♎ 1	19♎38	27♈22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n49	16n44	5s15	6s 9	1s35	17s47	6s10	22n 6	0n23	17n56	1n10	6s53	2s55	23s33	0s19	23s40	0s21	15s11	3n24	8s 4	8s25	9n15			n.a.
T 2	1 24	14 7	5 3	6 49	1 41	17 54	6 12	22 11	0 25	17 53	1 10	6 55	2 55	23 33	0 19	23 40	0 21	15 12	3 24	8 3	8 24	9 17			n.a.
W 3	1 0	10 37	4 33	7 29	1 47	18 1	6 13	22 15	0 27	17 50	1 10	6 57	2 54	23 33	0 19	23 40	0 21	15 12	3 24	8 1	8 23	9 18			n.a.
T 4	0 35	6 24	3 44	8 7	1 52	18 6	6 14	22 19	0 29	17 47	1 11	6 58	2 54	23 33	0 19	23 40	0 21	15 13	3 24	8 0	8 22	9 20			n.a.
F 5	0 11	1 40	2 40	8 46	1 57	18 10	6 14	22 24	0 31	17 44	1 11	7 0	2 54	23 33	0 19	23 40	0 21	15 13	3 23	7 59	8 21	9 22			n.a.
S 6	0s14	3s14	1 23	9 23	2 2	18 13	6 14	22 28	0 33	17 41	1 11	7 2	2 54	23 34	0 19	23 40	0 21	15 14	3 23	7 58	8 19	9 23			n.a.
S 7	0 38	7 57	0 0	10 0	2 6	18 15	6 14	22 31	0 35	17 37	1 11	7 4	2 54	23 34	0 19	23 40	0 21	15 14	3 23	7 58	8 18	9 25			n.a.
M 8	1 3	12 8	1n22	10 36	2 11	18 15	6 13	22 35	0 37	17 34	1 11	7 6	2 54	23 34	0 19	23 40	0 21	15 15	3 23	7 58	8 17	9 27			n.a.
T 9	1 28	15 29	2 38	11 11	2 15	18 15	6 12	22 39	0 39	17 31	1 12	7 8	2 54	23 34	0 19	23 40	0 21	15 15	3 23	7 59	8 16	9 28			n.a.
W10	1 52	17 45	3 42	11 45	2 18	18 12	6 10	22 43	0 41	17 28	1 12	7 9	2 54	23 34	0 19	23 40	0 21	15 16	3 22	7 59	8 14	9 30			n.a.
T 11	2 17	18 52	4 30	12 18	2 22	18 9	6 7	22 46	0 43	17 25	1 12	7 11	2 54	23 34	0 19	23 40	0 21	15 17	3 22	8 0	8 13	9 32			n.a.
F 12	2 41	18 49	5 2	12 50	2 25	18 4	6 4	22 50	0 45	17 22	1 12	7 13	2 54	23 34	0 19	23 40	0 21	15 17	3 22	8 0	8 12	9 33			n.a.
S 13	3 6	17 42	5 16	13 21	2 27	17 57	6 0	22 53	0 47	17 19	1 12	7 15	2 54	23 35	0 19	23 40	0 21	15 18	3 22	8 0	8 11	9 35			n.a.
S 14	3 30	15 41	5 14	13 50	2 29	17 49	5 56	22 57	0 49	17 16	1 13	7 16	2 54	23 35	0 19	23 40	0 21	15 18	3 22	8 0	8 10	9 37			n.a.
M15	3 54	12 58	4 56	14 18	2 31	17 40	5 51	23 0	0 51	17 13	1 13	7 18	2 53	23 35	0 19	23 40	0 21	15 19	3 22	7 59	8 8	9 38			n.a.
T 16	4 19	9 42	4 24	14 44	2 31	17 29	5 46	23 3	0 53	17 10	1 13	7 20	2 53	23 35	0 19	23 40	0 21	15 20	3 21	7 59	8 7	9 40			n.a.
W17	4 43	6 4	3 41	15 9	2 32	17 17	5 39	23 6	0 56	17 7	1 13	7 21	2 53	23 35	0 19	23 40	0 21	15 20	3 21	7 58	8 6	9 41			n.a.
T 18	5 7	2 13	2 49	15 31	2 31	17 3	5 32	23 9	0 58	17 5	1 13	7 23	2 53	23 35	0 19	23 40	0 21	15 21	3 21	7 58	8 5	9 43			n.a.
F 19	5 31	1n40	1 49	15 52	2 30	16 47	5 25	23 12	1 0	17 2	1 14	7 24	2 53	23 36	0 19	23 40	0 21	15 21	3 21	7 57	8 3	9 45			n.a.
S 20	5 55	5 28	0 45	16 10	2 28	16 31	5 16	23 15	1 2	16 59	1 14	7 26	2 53	23 36	0 19	23 40	0 21	15 22	3 21	7 57	8 2	9 46			n.a.
S 21	6 19	9 2	0s21	16 25	2 25	16 12	5 7	23 17	1 5	16 56	1 14	7 27	2 53	23 36	0 19	23 40	0 21	15 23	3 21	7 57	8 1	9 48			n.a.
M22	6 43	12 15	1 25	16 38	2 21	15 53	4 57	23 20	1 7	16 53	1 14	7 29	2 52	23 36	0 19	23 40	0 21	15 23	3 20	7 57	8 0	9 50			n.a.
T 23	7 7	14 58	2 26	16 47	2 16	15 32	4 47	23 22	1 10	16 51	1 14	7 30	2 52	23 36	0 19	23 39	0 21	15 24	3 20	7 57	7 59	9 51			n.a.
W24	7 31	17 3	3 21	16 54	2 10	15 10	4 36	23 25	1 12	16 48	1 15	7 31	2 52	23 37	0 19	23 39	0 21	15 24	3 20	7 57	7 57	9 53			n.a.
T 25	7 54	18 25	4 8	16 56	2 2	14 46	4 24	23 27	1 14	16 45	1 15	7 33	2 52	23 37	0 19	23 39	0 21	15 25	3 20	7 58	7 56	9 54			n.a.
F 26	8 17	18 57	4 44	16 55	1 53	14 22	4 11	23 29	1 17	16 43	1 15	7 34	2 52	23 37	0 19	23 39	0 21	15 26	3 20	7 58	7 55	9 56			n.a.
S 27	8 41	18 36	5 8	16 49	1 43	13 57	3 58	23 31	1 19	16 40	1 15	7 35	2 51	23 37	0 19	23 39	0 21	15 26	3 20	7 57	7 54	9 58			n.a.
S 28	9 4	17 20	5 18	16 39	1 31	13 31	3 45	23 33	1 22	16 37	1 16	7 37	2 51	23 37	0 19	23 39	0 21	15 27	3 20	7 57	7 53	9 59			n.a.
M29	9 27	15 8	5 12	16 24	1 17	13 4	3 31	23 35	1 24	16 35	1 16	7 38	2 51	23 38	0 19	23 39	0 21	15 28	3 19	7 57	7 51	10 1			n.a.
T 30	9 50	12 5	4 49	16 4	1 2	12 37	3 17	23 37	1 27	16 32	1 16	7 39	2 51	23 38	0 19	23 39	0 21	15 28	3 19	7 58	7 50	10 3			n.a.
W31	10s12	8n16	4s 9	15s38	0s46	12s10	3s 2	23n39	1n30	16n30	1n16	7s40	2s51	23s38	0s19	23s39	0s21	15s29	3n19	7s58	7s49	10n 4			n.a.

Julian Day Number = 1192449.5, Delta T = 09h30m48s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'29, Lahiri = -23°56'28 Julian Calendar 1 Oct. 1449 BCE == Greg. Calendar 18 Sept. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

NOVEMBER 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 50 24	27♎ 0'03	12♍58	8°R50	23°R 6	8°R45	19♌27	17°R22	18♐13	12♑ 9	22♏24	20♎ 2	19♎35	27♈28	n.a.	T 1
F 2	1 54 21	28° 1'18	27°41	7♏57	22♎30	8♊38	19°35	17♓18	18°15	12° 9	22°26	20° 3	19°32	27°35	n.a.	F 2
S 3	1 58 18	29° 2'33	12♎42	6°55	21°56	8°30	19°43	17°15	18°18	12°10	22°28	20°R 3	19°29	27°42	n.a.	S 3
S 4	2 2 14	0♏ 3'49	27°55	5°44	21°23	8°21	19°51	17°12	18°20	12°11	22°30	20° 3	19°26	27°48	n.a.	S 4
M 5	2 6 11	1° 5'06	13♏ 9	4°27	20°51	8°11	19°59	17°10	18°23	12°12	22°32	20° 2	19°22	27°55	n.a.	M 5
T 6	2 10 7	2° 6'23	28°14	3° 6	20°20	8° 0	20° 7	17° 7	18°25	12°13	22°34	20° 1	19°19	28° 1	n.a.	T 6
W 7	2 14 4	3° 7'40	13♐ 2	1°43	19°51	7°48	20°14	17° 4	18°28	12°14	22°36	20° 0	19°16	28° 8	n.a.	W 7
T 8	2 18 0	4° 8'58	27°27	0°22	19°24	7°36	20°22	17° 2	18°31	12°15	22°38	19°58	19°13	28°15	n.a.	T 8
F 9	2 21 57	5°10'16	11♑24	29♎ 5	18°59	7°23	20°29	16°59	18°34	12°17	22°40	19°56	19°10	28°21	n.a.	F 9
S 10	2 25 53	6°11'34	24°53	27°54	18°36	7° 9	20°36	16°57	18°36	12°18	22°42	19°55	19° 6	28°28	n.a.	S 10
S 11	2 29 50	7°12'52	7♒56	26°51	18°16	6°54	20°43	16°55	18°39	12°19	22°44	19°D55	19° 3	28°35	n.a.	S 11
M12	2 33 47	8°14'10	20°36	25°59	17°57	6°39	20°50	16°52	18°42	12°20	22°46	19°55	19° 0	28°41	n.a.	M12
T 13	2 37 43	9°15'27	2♓58	25°16	17°41	6°22	20°57	16°50	18°45	12°21	22°48	19°56	18°57	28°48	n.a.	T 13
W14	2 41 40	10°16'45	15° 4	24°45	17°28	6° 5	21° 3	16°49	18°48	12°23	22°51	19°58	18°54	28°55	n.a.	W14
T 15	2 45 36	11°18'03	27° 1	24°24	17°17	5°48	21°10	16°47	18°51	12°24	22°53	20° 0	18°51	29° 1	n.a.	T 15
F 16	2 49 33	12°19'20	8♈51	24°13	17° 8	5°29	21°16	16°45	18°54	12°25	22°55	20° 1	18°47	29° 8	n.a.	F 16
S 17	2 53 29	13°20'38	20°38	24°D13	17° 2	5°11	21°22	16°43	18°57	12°27	22°57	20°R 2	18°44	29°15	n.a.	S 17
S 18	2 57 26	14°21'56	2♉26	24°21	16°59	4°51	21°28	16°42	19° 0	12°28	22°59	20° 1	18°41	29°21	n.a.	S 18
M19	3 1 23	15°23'13	14°16	24°38	16°D58	4°31	21°34	16°40	19° 3	12°29	23° 1	19°59	18°38	29°28	n.a.	M19
T 20	3 5 19	16°24'30	26°10	25° 2	16°59	4°10	21°39	16°39	19° 6	12°31	23° 3	19°55	18°35	29°35	n.a.	T 20
W21	3 9 16	17°25'48	8♊11	25°34	17° 3	3°49	21°45	16°38	19° 9	12°32	23° 5	19°51	18°32	29°41	n.a.	W21
T 22	3 13 12	18°27'05	20°19	26°11	17° 9	3°27	21°50	16°37	19°12	12°34	23° 7	19°46	18°28	29°48	n.a.	T 22
F 23	3 17 9	19°28'23	2♋37	26°54	17°17	3° 5	21°55	16°36	19°15	12°35	23° 9	19°41	18°25	29°54	n.a.	F 23
S 24	3 21 5	20°29'40	15° 7	27°42	17°28	2°43	22° 0	16°35	19°18	12°37	23°12	19°36	18°22	0♌ 1	n.a.	S 24
S 25	3 25 2	21°30'57	27°51	28°35	17°41	2°20	22° 5	16°35	19°21	12°38	23°14	19°32	18°19	0° 8	n.a.	S 25
M26	3 28 58	22°32'15	10♌50	29°31	17°56	1°57	22°10	16°34	19°25	12°40	23°16	19°30	18°16	0°14	n.a.	M26
T 27	3 32 55	23°33'32	24° 9	0♏31	18°14	1°33	22°14	16°33	19°28	12°42	23°18	19°D29	18°12	0°21	n.a.	T 27
W28	3 36 52	24°34'49	7♍48	1°34	18°33	1° 9	22°18	16°33	19°31	12°43	23°20	19°30	18° 9	0°28	n.a.	W28
T 29	3 40 48	25°36'06	21°50	2°40	18°54	0°46	22°22	16°33	19°34	12°45	23°22	19°31	18° 6	0°34	n.a.	T 29
F 30	3 44 45	26♏37'23	6♎14	3♏48	19♎17	0♊22	22♌26	16♓33	19♐38	12♑47	23♏24	19♎33	18♎ 3	0♌41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s35	3n51	3s12	15s 8	0s28	11s42	2s47	23n40	1n32	16n27	1n17	7s41	2s50	23s38	0s19	23s39	0s21	15s29	3n19	7s58	7s48	10n 6		n.a.
F 2	10 57	0s55	2 1	14 33	0 9	11 14	2 31	23 41	1 35	16 25	1 17	7 42	2 50	23 38	0 19	23 39	0 21	15 30	3 19	7 58	7 46	10 7		n.a.
S 3	11 20	5 44	0 41	13 53	0n11	10 47	2 16	23 43	1 37	16 23	1 17	7 43	2 50	23 39	0 18	23 39	0 21	15 31	3 19	7 58	7 45	10 9		n.a.
S 4	11 42	10 14	0n44	13 10	0 32	10 20	2 0	23 44	1 40	16 20	1 17	7 44	2 50	23 39	0 18	23 39	0 21	15 31	3 19	7 58	7 44	10 11		n.a.
M 5	12 3	14 5	2 5	12 25	0 52	9 53	1 44	23 45	1 43	16 18	1 18	7 45	2 49	23 39	0 18	23 39	0 21	15 32	3 18	7 58	7 43	10 12		n.a.
T 6	12 25	16 55	3 17	11 38	1 12	9 27	1 29	23 46	1 45	16 16	1 18	7 46	2 49	23 39	0 18	23 38	0 21	15 33	3 18	7 58	7 41	10 14		n.a.
W 7	12 46	18 34	4 14	10 51	1 31	9 1	1 13	23 46	1 48	16 14	1 18	7 47	2 49	23 40	0 18	23 38	0 21	15 33	3 18	7 57	7 40	10 15		n.a.
T 8	13 8	18 57	4 53	10 6	1 49	8 37	0 58	23 47	1 51	16 12	1 18	7 48	2 49	23 40	0 18	23 38	0 21	15 34	3 18	7 56	7 39	10 17		n.a.
F 9	13 28	18 9	5 14	9 24	2 5	8 13	0 43	23 47	1 53	16 9	1 19	7 48	2 49	23 40	0 18	23 38	0 21	15 35	3 18	7 56	7 38	10 19		n.a.
S 10	13 49	16 21	5 16	8 45	2 19	7 50	0 28	23 48	1 56	16 7	1 19	7 49	2 48	23 40	0 18	23 38	0 21	15 35	3 18	7 55	7 37	10 20		n.a.
S 11	14 10	13 45	5 2	8 12	2 30	7 29	0 13	23 48	1 59	16 5	1 19	7 50	2 48	23 40	0 18	23 38	0 21	15 36	3 18	7 55	7 35	10 22		n.a.
M12	14 30	10 34	4 33	7 44	2 40	7 9	0n 1	23 47	2 1	16 3	1 20	7 50	2 48	23 41	0 18	23 38	0 21	15 37	3 18	7 55	7 34	10 23		n.a.
T 13	14 50	7 0	3 52	7 22	2 47	6 49	0 15	23 47	2 4	16 2	1 20	7 51	2 47	23 41	0 18	23 38	0 21	15 37	3 17	7 56	7 33	10 25		n.a.
W14	15 10	3 12	3 2	7 5	2 52	6 32	0 29	23 47	2 6	16 0	1 20	7 51	2 47	23 41	0 18	23 38	0 21	15 38	3 17	7 56	7 32	10 27		n.a.
T 15	15 29	0n41	2 4	6 54	2 55	6 15	0 42	23 46	2 9	15 58	1 20	7 52	2 47	23 41	0 18	23 37	0 21	15 38	3 17	7 57	7 30	10 28		n.a.
F 16	15 48	4 30	1 1	6 49	2 57	6 0	0 55	23 45	2 12	15 56	1 21	7 52	2 47	23 42	0 18	23 37	0 21	15 39	3 17	7 58	7 29	10 30		n.a.
S 17	16 7	8 9	0s 3	6 49	2 57	5 46	1 7	23 44	2 14	15 54	1 21	7 53	2 46	23 42	0 18	23 37	0 21	15 40	3 17	7 58	7 28	10 31		n.a.
S 18	16 26	11 28	1 8	6 53	2 56	5 34	1 19	23 43	2 17	15 53	1 21	7 53	2 46	23 42	0 18	23 37	0 21	15 40	3 17	7 58	7 27	10 33		n.a.
M19	16 44	14 20	2 10	7 2	2 53	5 23	1 31	23 42	2 19	15 51	1 22	7 53	2 46	23 42	0 18	23 37	0 21	15 41	3 17	7 57	7 26	10 34		n.a.
T 20	17 2	16 37	3 6	7 14	2 50	5 14	1 42	23 40	2 22	15 49	1 22	7 54	2 46	23 43	0 18	23 37	0 21	15 42	3 17	7 55	7 24	10 36		n.a.
W21	17 20	18 12	3 55	7 30	2 45	5 5	1 52	23 39	2 24	15 48	1 22	7 54	2 45	23 43	0 18	23 37	0 21	15 42	3 16	7 54	7 23	10 38		n.a.
T 22	17 37	18 58	4 33	7 48	2 40	4 59	2 2	23 37	2 27	15 46	1 22	7 54	2 45	23 43	0 18	23 37	0 21	15 43	3 16	7 52	7 22	10 39		n.a.
F 23	17 54	18 51	4 59	8 9	2 34	4 53	2 12	23 35	2 29	15 45	1 23	7 54	2 45	23 44	0 18	23 36	0 21	15 44	3 16	7 50	7 21	10 41		n.a.
S 24	18 11	17 49	5 12	8 33	2 28	4 49	2 21	23 32	2 31	15 44	1 23	7 54	2 44	23 44	0 18	23 36	0 21	15 44	3 16	7 48	7 19	10 42		n.a.
S 25	18 28	15 54	5 10	8 58	2 21	4 46	2 29	23 30	2 33	15 42	1 23	7 54	2 44	23 44	0 18	23 36	0 21	15 45	3 16	7 46	7 18	10 44		n.a.
M26	18 44	13 9	4 52	9 25	2 14	4 44	2 37	23 27	2 36	15 41	1 24	7 54	2 44	23 44	0 18	23 36	0 21	15 45	3 16	7 46	7 17	10 45		n.a.
T 27	19 0	9 40	4 18	9 53	2 7	4 44	2 45	23 24	2 38	15 40	1 24	7 54	2 44	23 45	0 18	23 36	0 21	15 46	3 16	7 45	7 16	10 47		n.a.
W28	19 15	5 34	3 28	10 22	1 59	4 45	2 52	23 21	2 40	15 39	1 24	7 54	2 43	23 45	0 18	23 36	0 21	15 47	3 16	7 46	7 14	10 48		n.a.
T 29	19 30	1 4	2 26	10 52	1 52	4 47	2 59	23 18	2 42	15 38	1 25	7 54	2 43	23 45	0 18	23 35	0 21	15 47	3 16	7 46	7 13	10 50		n.a.
F 30	19s45	3s37	1s12	11s23	1n44	4s50	3n 6	23n15	2n44	15n37	1n25	7s53	2s43	23s45	0s18	23s35	0s21	15s48	3n16	7s47	7s12	10n52		n.a.

Julian Day Number = 1192480.5, Delta T = 09h30m46s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'25, Lahiri = -23°56'24 Julian Calendar 1 Nov. 1449 BCE == Greg. Calendar 19 Oct. 1449 BCE

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ASTRODIENST EPHEMERIS for the year 1449 BCE
geocentric

DECEMBER 1449 BCE (-1448) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 48 41	27♏38'39	20♎57	4♏59	19♎42	29°R57	22♑30	16°D33	19♐41	12♑48	23♏26	19°R33	18♎ 0	0♉48	n.a.	S 1
S 2	3 52 38	28°39'55	5♏56	6°11	20° 9	29♉33	22°34	16♓33	19°44	12°50	23°28	19♎32	17°57	0°54	n.a.	S 2
M 3	3 56 34	29°41'11	21° 1	7°26	20°38	29° 9	22°37	16°33	19°48	12°52	23°31	19°29	17°53	1° 1	n.a.	M 3
T 4	4 0 31	0♐42'27	6♐ 6	8°42	21° 8	28°45	22°40	16°33	19°51	12°54	23°33	19°24	17°50	1° 8	n.a.	T 4
W 5	4 4 28	1°43'41	20°59	9°59	21°39	28°21	22°44	16°34	19°54	12°55	23°35	19°18	17°47	1°14	n.a.	W 5
T 6	4 8 24	2°44'55	5♑32	11°18	22°12	27°57	22°46	16°34	19°58	12°57	23°37	19°10	17°44	1°21	n.a.	T 6
F 7	4 12 21	3°46'08	19°40	12°38	22°47	27°34	22°49	16°35	20° 1	12°59	23°39	19° 3	17°41	1°28	n.a.	F 7
S 8	4 16 17	4°47'20	3♒19	13°59	23°23	27°10	22°52	16°36	20° 5	13° 1	23°41	18°58	17°38	1°34	n.a.	S 8
S 9	4 20 14	5°48'31	16°29	15°21	24° 0	26°47	22°54	16°37	20° 8	13° 3	23°43	18°54	17°34	1°41	n.a.	S 9
M10	4 24 10	6°49'41	29°14	16°45	24°39	26°25	22°56	16°38	20°11	13° 5	23°45	18°52	17°31	1°48	n.a.	M10
T 11	4 28 7	7°50'49	11♓37	18° 9	25°18	26° 2	22°58	16°39	20°15	13° 7	23°47	18°D51	17°28	1°54	n.a.	T 11
W12	4 32 3	8°51'57	23°43	19°34	25°59	25°40	23° 0	16°40	20°18	13° 9	23°49	18°52	17°25	2° 1	n.a.	W12
T 13	4 36 0	9°53'03	5♈37	21° 0	26°41	25°19	23° 1	16°41	20°22	13°11	23°51	18°54	17°22	2° 7	n.a.	T 13
F 14	4 39 57	10°54'08	17°25	22°26	27°24	24°58	23° 3	16°43	20°25	13°13	23°54	18°R54	17°18	2°14	n.a.	F 14
S 15	4 43 53	11°55'11	29°11	23°54	28° 9	24°38	23° 4	16°45	20°29	13°15	23°56	18°54	17°15	2°21	n.a.	S 15
S 16	4 47 50	12°56'14	10♉59	25°22	28°54	24°18	23° 5	16°46	20°32	13°17	23°58	18°51	17°12	2°27	n.a.	S 16
M17	4 51 46	13°57'15	22°53	26°51	29°40	23°59	23° 6	16°48	20°36	13°19	24° 0	18°46	17° 9	2°34	n.a.	M17
T 18	4 55 43	14°58'15	4♊56	28°20	0♏27	23°40	23° 6	16°50	20°39	13°21	24° 2	18°38	17° 6	2°41	n.a.	T 18
W19	4 59 39	15°59'13	17° 9	29°51	1°15	23°22	23° 7	16°52	20°43	13°23	24° 4	18°28	17° 3	2°47	n.a.	W19
T 20	5 3 36	17° 0'11	29°32	1♐22	2° 4	23° 5	23° 7	16°54	20°46	13°25	24° 6	18°17	16°59	2°54	n.a.	T 20
F 21	5 7 33	18° 1'07	12♋ 7	2°54	2°54	22°48	23°R 7	16°56	20°50	13°27	24° 8	18° 5	16°56	3° 1	n.a.	F 21
S 22	5 11 29	19° 2'03	24°53	4°26	3°44	22°32	23° 7	16°59	20°53	13°29	24°10	17°55	16°53	3° 7	n.a.	S 22
S 23	5 15 26	20° 2'57	7♌51	5°59	4°35	22°17	23° 7	17° 1	20°57	13°31	24°12	17°46	16°50	3°14	n.a.	S 23
M24	5 19 22	21° 3'49	21° 1	7°33	5°27	22° 3	23° 6	17° 4	21° 0	13°33	24°14	17°39	16°47	3°21	n.a.	M24
T 25	5 23 19	22° 4'41	4♍23	9° 8	6°20	21°49	23° 6	17° 6	21° 4	13°35	24°15	17°35	16°44	3°27	n.a.	T 25
W26	5 27 15	23° 5'32	18° 0	10°43	7°13	21°36	23° 5	17° 9	21° 7	13°38	24°17	17°D34	16°40	3°34	n.a.	W26
T 27	5 31 12	24° 6'21	1♎51	12°20	8° 7	21°24	23° 4	17°12	21°11	13°40	24°19	17°34	16°37	3°41	n.a.	T 27
F 28	5 35 8	25° 7'10	15°58	13°57	9° 2	21°12	23° 2	17°15	21°14	13°42	24°21	17°R34	16°34	3°47	n.a.	F 28
S 29	5 39 5	26° 7'57	0♏19	15°34	9°57	21° 2	23° 1	17°18	21°18	13°44	24°23	17°34	16°31	3°54	n.a.	S 29
S 30	5 43 2	27° 8'43	14°54	17°13	10°53	20°52	22°59	17°21	21°21	13°46	24°25	17°31	16°28	4° 1	n.a.	S 30
M31	5 46 58	28♐ 9'27	29♏36	18♐52	11♏49	20♉43	22♑57	17♓25	21♐25	13♑48	24♏27	17♎26	16♎24	4♉ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s59	8s12	0n 8	11s55	1n36	4s53	3n12	23n12	2n46	15n36	1n25	7s53	2s42	23s46	0s18	23s35	0s21	15s49	3n15	7s47	7s11	10n53		n.a.
S 2	20 13	12 21	1 28	12 26	1 28	4 58	3 17	23 8	2 47	15 35	1 25	7 53	2 42	23 46	0 18	23 35	0 21	15 49	3 15	7 46	7 10	10 55		n.a.
M 3	20 26	15 43	2 43	12 59	1 20	5 4	3 23	23 4	2 49	15 34	1 26	7 52	2 42	23 46	0 18	23 35	0 21	15 50	3 15	7 45	7 8	10 56		n.a.
T 4	20 40	18 0	3 46	13 31	1 12	5 11	3 27	23 0	2 51	15 33	1 26	7 52	2 41	23 46	0 18	23 35	0 21	15 50	3 15	7 43	7 7	10 58		n.a.
W 5	20 52	19 1	4 33	14 4	1 4	5 19	3 32	22 56	2 52	15 32	1 26	7 52	2 41	23 47	0 18	23 34	0 21	15 51	3 15	7 41	7 6	10 59		n.a.
T 6	21 5	18 44	5 1	14 37	0 55	5 28	3 36	22 52	2 54	15 32	1 27	7 51	2 41	23 47	0 18	23 34	0 21	15 52	3 15	7 38	7 5	11 1		n.a.
F 7	21 17	17 17	5 9	15 9	0 47	5 37	3 40	22 48	2 55	15 31	1 27	7 51	2 41	23 47	0 18	23 34	0 21	15 52	3 15	7 35	7 3	11 2		n.a.
S 8	21 28	14 54	5 0	15 41	0 39	5 47	3 43	22 44	2 57	15 31	1 27	7 50	2 40	23 47	0 18	23 34	0 21	15 53	3 15	7 33	7 2	11 4		n.a.
S 9	21 39	11 49	4 35	16 14	0 32	5 58	3 47	22 40	2 58	15 30	1 28	7 49	2 40	23 48	0 18	23 34	0 21	15 53	3 15	7 32	7 1	11 5		n.a.
M10	21 50	8 16	3 56	16 45	0 24	6 10	3 50	22 35	2 59	15 30	1 28	7 49	2 40	23 48	0 18	23 34	0 21	15 54	3 15	7 31	7 0	11 7		n.a.
T 11	22 0	4 27	3 8	17 17	0 16	6 22	3 52	22 31	3 0	15 29	1 28	7 48	2 39	23 48	0 19	23 33	0 21	15 55	3 15	7 31	6 58	11 8		n.a.
W12	22 10	0 32	2 12	17 48	0 8	6 35	3 54	22 27	3 1	15 29	1 29	7 47	2 39	23 49	0 19	23 33	0 21	15 55	3 15	7 31	6 57	11 10		n.a.
T 13	22 19	3n21	1 11	18 19	0 1	6 48	3 56	22 22	3 2	15 29	1 29	7 46	2 39	23 49	0 19	23 33	0 21	15 56	3 15	7 32	6 56	11 11		n.a.
F 14	22 28	7 5	0 8	18 49	0s 7	7 2	3 58	22 18	3 3	15 29	1 29	7 45	2 38	23 49	0 19	23 33	0 21	15 56	3 14	7 32	6 55	11 13		n.a.
S 15	22 37	10 31	0s55	19 18	0 14	7 17	4 0	22 14	3 4	15 29	1 30	7 45	2 38	23 49	0 19	23 33	0 21	15 57	3 14	7 32	6 54	11 15		n.a.
S 16	22 45	13 33	1 56	19 47	0 21	7 32	4 1	22 9	3 4	15 29	1 30	7 44	2 38	23 50	0 19	23 32	0 21	15 57	3 14	7 31	6 52	11 16		n.a.
M17	22 53	16 3	2 52	20 15	0 28	7 47	4 2	22 5	3 5	15 29	1 30	7 43	2 38	23 50	0 19	23 32	0 21	15 58	3 14	7 29	6 51	11 18		n.a.
T 18	23 0	17 52	3 41	20 42	0 35	8 3	4 3	22 1	3 6	15 29	1 31	7 42	2 37	23 50	0 19	23 32	0 21	15 59	3 14	7 26	6 50	11 19		n.a.
W19	23 7	18 54	4 21	21 9	0 41	8 19	4 3	21 57	3 6	15 29	1 31	7 41	2 37	23 50	0 19	23 32	0 21	15 59	3 14	7 22	6 49	11 21		n.a.
T 20	23 13	19 3	4 48	21 34	0 48	8 36	4 3	21 52	3 7	15 29	1 31	7 39	2 37	23 51	0 19	23 32	0 21	16 0	3 14	7 17	6 47	11 22		n.a.
F 21	23 19	18 17	5 2	21 59	0 54	8 53	4 3	21 48	3 7	15 29	1 32	7 38	2 36	23 51	0 19	23 31	0 21	16 0	3 14	7 13	6 46	11 24		n.a.
S 22	23 24	16 35	5 2	22 23	1 0	9 10	4 3	21 44	3 7	15 30	1 32	7 37	2 36	23 51	0 19	23 31	0 21	16 1	3 14	7 9	6 45	11 25		n.a.
S 23	23 29	14 2	4 46	22 46	1 5	9 28	4 3	21 41	3 8	15 30	1 32	7 36	2 36	23 51	0 19	23 31	0 21	16 1	3 14	7 5	6 44	11 27		n.a.
M24	23 33	10 44	4 15	23 7	1 11	9 46	4 3	21 37	3 8	15 31	1 33	7 35	2 36	23 52	0 19	23 31	0 21	16 2	3 14	7 3	6 42	11 28		n.a.
T 25	23 37	6 50	3 29	23 28	1 16	10 4	4 2	21 33	3 8	15 31	1 33	7 33	2 35	23 52	0 19	23 31	0 21	16 2	3 14	7 1	6 41	11 30		n.a.
W26	23 41	2 31	2 31	23 47	1 21	10 22	4 1	21 30	3 8	15 32	1 33	7 32	2 35	23 52	0 19	23 30	0 21	16 3	3 14	7 1	6 40	11 31		n.a.
T 27	23 44	2s 1	1 23	24 6	1 26	10 41	4 0	21 27	3 8	15 32	1 33	7 30	2 35	23 52	0 19	23 30	0 21	16 3	3 14	7 1	6 39	11 33		n.a.
F 28	23 46	6 31	0 9	24 23	1 31	11 0	3 59	21 24	3 8	15 33	1 34	7 29	2 34	23 53	0 19	23 30	0 21	16 4	3 14	7 1	6 37	11 34		n.a.
S 29	23 48	10 44	1n 7	24 38	1 35	11 19	3 57	21 21	3 8	15 34	1 34	7 27	2 34	23 53	0 19	23 30	0 21	16 4	3 14	7 1	6 36	11 36		n.a.
S 30	23 50	14 22	2 20	24 53	1 39	11 37	3 56	21 18	3 8	15 35	1 34	7 26	2 34	23 53	0 19	23 29	0 21	16 5	3 14	7 0	6 35	11 37		n.a.
M31	23s51	17s 6	3n24	25s 5	1s43	11s57	3n54	21n15	3n 7	15n36	1n35	7s24	2s34	23s53	0s19	23s29	0s21	16s 5	3n14	6s58	6s34	11n39		n.a.

Julian Day Number = 1192510.5, Delta T = 09h30m44s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'21, Lahiri = -23°56'20 Julian Calendar 1 Dec. 1449 BCE == Greg. Calendar 18 Nov. 1449 BCE

The year -1448 astronomical counting style corresponds to year 1449 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

JANUARY 1448 BCE (-1447) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 50 55	29♐10'11	14♐21	20♐32	12♏46	20°R35	22°R55	17♓28	21♐28	13♑51	24♏29	17°R17	16♎21	4♉14	n.a.	T 1
W 2	5 54 51	0♑10'52	29° 0	22°13	13°44	20♉27	22♌53	17°32	21°32	13°53	24°30	17♎ 7	16°18	4°21	n.a.	W 2
T 3	5 58 48	1°11'32	13♑25	23°55	14°41	20°21	22°51	17°35	21°35	13°55	24°32	16°55	16°15	4°27	n.a.	T 3
F 4	6 2 44	2°12'11	27°30	25°37	15°40	20°15	22°48	17°39	21°38	13°57	24°34	16°43	16°12	4°34	n.a.	F 4
S 5	6 6 41	3°12'47	11♒11	27°21	16°38	20°10	22°45	17°43	21°42	14° 0	24°36	16°33	16° 9	4°40	n.a.	S 5
S 6	6 10 37	4°13'22	24°25	29° 5	17°38	20° 6	22°42	17°47	21°45	14° 2	24°37	16°25	16° 5	4°47	n.a.	S 6
M 7	6 14 34	5°13'54	7♓13	0♑50	18°37	20° 3	22°39	17°51	21°49	14° 4	24°39	16°19	16° 2	4°54	n.a.	M 7
T 8	6 18 31	6°14'25	19°40	2°36	19°37	20° 0	22°36	17°55	21°52	14° 6	24°41	16°16	15°59	5° 0	n.a.	T 8
W 9	6 22 27	7°14'53	1♈48	4°23	20°38	19°58	22°32	17°59	21°56	14° 9	24°43	16°15	15°56	5° 7	n.a.	W 9
T 10	6 26 24	8°15'20	13°44	6°11	21°38	19°57	22°29	18° 3	21°59	14°11	24°44	16°15	15°53	5°14	n.a.	T 10
F 11	6 30 20	9°15'44	25°33	8° 0	22°39	19°D57	22°25	18° 8	22° 2	14°13	24°46	16°15	15°50	5°20	n.a.	F 11
S 12	6 34 17	10°16'06	7♉20	9°50	23°41	19°57	22°21	18°12	22° 6	14°15	24°47	16°13	15°46	5°27	n.a.	S 12
S 13	6 38 13	11°16'26	19°11	11°41	24°43	19°59	22°17	18°17	22° 9	14°18	24°49	16°10	15°43	5°34	n.a.	S 13
M14	6 42 10	12°16'44	1♊ 9	13°32	25°45	20° 0	22°12	18°21	22°13	14°20	24°51	16° 3	15°40	5°40	n.a.	M14
T 15	6 46 6	13°17'00	13°20	15°24	26°47	20° 3	22° 8	18°26	22°16	14°22	24°52	15°54	15°37	5°47	n.a.	T 15
W16	6 50 3	14°17'14	25°44	17°17	27°50	20° 6	22° 3	18°31	22°19	14°25	24°54	15°42	15°34	5°54	n.a.	W16
T 17	6 54 0	15°17'26	8♋23	19°11	28°53	20°10	21°58	18°36	22°22	14°27	24°55	15°29	15°30	6° 0	n.a.	T 17
F 18	6 57 56	16°17'36	21°17	21° 5	29°56	20°15	21°53	18°40	22°26	14°29	24°57	15°15	15°27	6° 7	n.a.	F 18
S 19	7 1 53	17°17'44	4♌25	23° 0	0♐59	20°21	21°48	18°46	22°29	14°31	24°58	15° 2	15°24	6°14	n.a.	S 19
S 20	7 5 49	18°17'50	17°45	24°55	2° 3	20°27	21°43	18°51	22°32	14°34	25° 0	14°51	15°21	6°20	n.a.	S 20
M21	7 9 46	19°17'54	1♍16	26°50	3° 7	20°33	21°37	18°56	22°35	14°36	25° 1	14°43	15°18	6°27	n.a.	M21
T 22	7 13 42	20°17'56	14°55	28°45	4°11	20°41	21°32	19° 1	22°39	14°38	25° 2	14°38	15°15	6°34	n.a.	T 22
W23	7 17 39	21°17'56	28°43	0♒40	5°16	20°48	21°26	19° 6	22°42	14°40	25° 4	14°35	15°11	6°40	n.a.	W23
T 24	7 21 35	22°17'55	12♎38	2°35	6°21	20°57	21°20	19°12	22°45	14°43	25° 5	14°D35	15° 8	6°47	n.a.	T 24
F 25	7 25 32	23°17'52	26°40	4°28	7°26	21° 6	21°14	19°17	22°48	14°45	25° 6	14°R35	15° 5	6°54	n.a.	F 25
S 26	7 29 28	24°17'47	10♏48	6°21	8°31	21°16	21° 8	19°23	22°51	14°47	25° 8	14°34	15° 2	7° 0	n.a.	S 26
S 27	7 33 25	25°17'40	25° 2	8°12	9°36	21°26	21° 2	19°29	22°54	14°49	25° 9	14°31	14°59	7° 7	n.a.	S 27
M28	7 37 22	26°17'31	9♐20	10° 1	10°42	21°37	20°56	19°34	22°57	14°52	25°10	14°26	14°55	7°14	n.a.	M28
T 29	7 41 18	27°17'21	23°37	11°47	11°48	21°48	20°49	19°40	23° 1	14°54	25°11	14°18	14°52	7°20	n.a.	T 29
W30	7 45 15	28°17'09	7♑50	13°31	12°54	22° 0	20°43	19°46	23° 4	14°56	25°13	14° 7	14°49	7°27	n.a.	W30
T 31	7 49 11	29♑16'54	21♑52	15♒12	14♐ 0	22♉13	20♌36	19♓52	23♐ 7	14♑58	25♏14	13♎55	14♎46	7♉34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s52	18s43	4n14	25s17	1s46	12s16	3n52	21n13	3n 7	15n37	1n35	7s23	2s33	23s54	0s19	23s29	0s21	16s 6	3n13	6s54	6s32	11n40			n.a.
W 2	23 52	19 4	4 47	25 27	1 49	12 35	3 50	21 10	3 7	15 38	1 35	7 21	2 33	23 54	0 19	23 29	0 21	16 6	3 13	6 50	6 31	11 41			n.a.
T 3	23 51	18 11	5 1	25 35	1 52	12 54	3 48	21 8	3 6	15 39	1 36	7 19	2 33	23 54	0 19	23 29	0 21	16 7	3 13	6 46	6 30	11 43			n.a.
F 4	23 51	16 11	4 56	25 41	1 54	13 13	3 46	21 6	3 6	15 40	1 36	7 18	2 32	23 54	0 19	23 28	0 21	16 7	3 13	6 41	6 29	11 44			n.a.
S 5	23 49	13 20	4 35	25 46	1 56	13 32	3 44	21 4	3 6	15 41	1 36	7 16	2 32	23 54	0 19	23 28	0 21	16 8	3 13	6 37	6 27	11 46			n.a.
S 6	23 48	9 52	3 59	25 49	1 57	13 51	3 41	21 3	3 5	15 42	1 37	7 14	2 32	23 55	0 19	23 28	0 21	16 8	3 13	6 34	6 26	11 47			n.a.
M 7	23 45	6 3	3 11	25 50	1 59	14 10	3 38	21 1	3 5	15 44	1 37	7 12	2 32	23 55	0 19	23 28	0 21	16 9	3 13	6 32	6 25	11 49			n.a.
T 8	23 43	2 5	2 16	25 50	1 59	14 29	3 36	21 0	3 4	15 45	1 37	7 10	2 31	23 55	0 19	23 27	0 21	16 9	3 13	6 30	6 24	11 50			n.a.
W 9	23 40	1n53	1 16	25 47	2 0	14 48	3 33	20 59	3 4	15 47	1 37	7 9	2 31	23 55	0 19	23 27	0 22	16 10	3 13	6 30	6 23	11 52			n.a.
T 10	23 36	5 43	0 13	25 42	1 59	15 7	3 30	20 58	3 3	15 48	1 38	7 7	2 31	23 56	0 19	23 27	0 22	16 10	3 13	6 30	6 21	11 53			n.a.
F 11	23 32	9 17	0s49	25 36	1 59	15 26	3 27	20 58	3 3	15 50	1 38	7 5	2 31	23 56	0 19	23 27	0 22	16 10	3 13	6 30	6 20	11 55			n.a.
S 12	23 27	12 29	1 49	25 27	1 58	15 44	3 24	20 57	3 2	15 51	1 38	7 3	2 30	23 56	0 19	23 26	0 22	16 11	3 13	6 29	6 19	11 56			n.a.
S 13	23 22	15 11	2 45	25 16	1 56	16 2	3 21	20 57	3 1	15 53	1 39	7 1	2 30	23 56	0 19	23 26	0 22	16 11	3 13	6 28	6 18	11 58			n.a.
M14	23 17	17 16	3 34	25 3	1 54	16 20	3 17	20 57	3 1	15 55	1 39	6 59	2 30	23 56	0 19	23 26	0 22	16 12	3 13	6 25	6 16	11 59			n.a.
T 15	23 11	18 36	4 14	24 48	1 51	16 38	3 14	20 57	3 0	15 56	1 39	6 56	2 30	23 57	0 19	23 26	0 22	16 12	3 13	6 22	6 15	12 0			n.a.
W16	23 5	19 5	4 42	24 30	1 48	16 56	3 10	20 57	2 59	15 58	1 39	6 54	2 29	23 57	0 19	23 26	0 22	16 12	3 13	6 17	6 14	12 2			n.a.
T 17	22 58	18 38	4 58	24 10	1 44	17 13	3 7	20 58	2 59	16 0	1 40	6 52	2 29	23 57	0 19	23 25	0 22	16 13	3 13	6 12	6 13	12 3			n.a.
F 18	22 51	17 14	4 58	23 49	1 39	17 31	3 3	20 58	2 58	16 2	1 40	6 50	2 29	23 57	0 19	23 25	0 22	16 13	3 13	6 7	6 11	12 5			n.a.
S 19	22 43	14 55	4 43	23 24	1 34	17 47	3 0	20 59	2 57	16 4	1 40	6 48	2 29	23 58	0 19	23 25	0 22	16 14	3 13	6 1	6 10	12 6			n.a.
S 20	22 35	11 47	4 13	22 58	1 28	18 4	2 56	21 0	2 56	16 6	1 40	6 45	2 28	23 58	0 19	23 25	0 22	16 14	3 13	5 57	6 9	12 8			n.a.
M21	22 27	7 59	3 28	22 30	1 22	18 20	2 52	21 1	2 56	16 8	1 41	6 43	2 28	23 58	0 19	23 24	0 22	16 14	3 13	5 54	6 8	12 9			n.a.
T 22	22 18	3 44	2 30	21 59	1 14	18 36	2 48	21 2	2 55	16 10	1 41	6 41	2 28	23 58	0 19	23 24	0 22	16 15	3 13	5 52	6 6	12 11			n.a.
W23	22 9	0s45	1 23	21 27	1 6	18 52	2 44	21 4	2 54	16 12	1 41	6 38	2 28	23 58	0 19	23 24	0 22	16 15	3 13	5 51	6 5	12 12			n.a.
T 24	21 59	5 14	0 10	20 52	0 58	19 7	2 40	21 5	2 53	16 14	1 41	6 36	2 27	23 59	0 19	23 24	0 22	16 15	3 13	5 51	6 4	12 13			n.a.
F 25	21 49	9 28	1n 4	20 16	0 49	19 22	2 36	21 7	2 53	16 16	1 42	6 34	2 27	23 59	0 19	23 23	0 22	16 16	3 13	5 51	6 3	12 15			n.a.
S 26	21 38	13 12	2 14	19 38	0 39	19 36	2 32	21 9	2 52	16 19	1 42	6 31	2 27	23 59	0 19	23 23	0 22	16 16	3 13	5 50	6 1	12 16			n.a.
S 27	21 27	16 11	3 17	18 59	0 28	19 50	2 28	21 11	2 51	16 21	1 42	6 29	2 27	23 59	0 19	23 23	0 22	16 16	3 13	5 49	6 0	12 18			n.a.
M28	21 16	18 10	4 7	18 19	0 17	20 4	2 24	21 13	2 50	16 23	1 42	6 26	2 27	23 59	0 19	23 23	0 22	16 17	3 13	5 47	5 59	12 19			n.a.
T 29	21 4	19 0	4 42	17 38	0 5	20 17	2 20	21 16	2 49	16 25	1 42	6 24	2 26	23 59	0 19	23 22	0 22	16 17	3 13	5 44	5 58	12 21			n.a.
W30	20 52	18 39	5 0	16 56	0n 7	20 30	2 16	21 18	2 49	16 28	1 43	6 21	2 26	24 0	0 19	23 22	0 22	16 17	3 13	5 40	5 56	12 22			n.a.
T 31	20s40	17s 8	4n58	16s15	0n20	20s42	2n12	21n20	2n48	16n30	1n43	6s19	2s26	24s 0	0s19	23s22	0s22	16s17	3n13	5s35	5s55	12n23			n.a.

Julian Day Number = 1192541.5, Delta T = 09h30m42s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'16, Lahiri = -23°56'16 Julian Calendar 1 Jan. 1448 BCE == Greg. Calendar 19 Dec. 1449 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

FEBRUARY 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 53 8	0♒16'38	5♒40	16♒48	15♐ 6	22♉26	20°R29	19♓58	23♐10	15♑ 1	25♏15	13°R43	14♎43	7♉40	n.a.	F 1
S 2	7 57 4	1°16'19	19° 8	18°21	16°12	22°39	20♌22	20° 4	23°12	15° 3	25°16	13♎33	14°40	7°47	n.a.	S 2
S 3	8 1 1	2°15'58	2♓15	19°48	17°19	22°53	20°15	20°10	23°15	15° 5	25°17	13°24	14°36	7°54	n.a.	S 3
M 4	8 4 57	3°15'35	15° 1	21°10	18°26	23° 8	20° 8	20°16	23°18	15° 7	25°18	13°18	14°33	8° 0	n.a.	M 4
T 5	8 8 54	4°15'09	27°26	22°27	19°33	23°23	20° 1	20°23	23°21	15° 9	25°19	13°14	14°30	8° 7	n.a.	T 5
W 6	8 12 51	5°14'41	9♈36	23°37	20°40	23°38	19°54	20°29	23°24	15°12	25°20	13°D13	14°27	8°13	n.a.	W 6
T 7	8 16 47	6°14'10	21°33	24°40	21°47	23°54	19°46	20°35	23°27	15°14	25°21	13°13	14°24	8°20	n.a.	T 7
F 8	8 20 44	7°13'37	3♉23	25°37	22°54	24°10	19°39	20°42	23°30	15°16	25°22	13°R14	14°21	8°27	n.a.	F 8
S 9	8 24 40	8°13'02	15°12	26°26	24° 2	24°27	19°32	20°48	23°32	15°18	25°23	13°14	14°17	8°33	n.a.	S 9
S 10	8 28 37	9°12'24	27° 5	27° 8	25° 9	24°44	19°24	20°55	23°35	15°20	25°24	13°12	14°14	8°40	n.a.	S 10
M11	8 32 33	10°11'43	9♊ 6	27°42	26°17	25° 2	19°17	21° 1	23°38	15°22	25°25	13° 8	14°11	8°47	n.a.	M11
T 12	8 36 30	11°11'01	21°21	28° 9	27°25	25°20	19° 9	21° 8	23°40	15°24	25°26	13° 2	14° 8	8°53	n.a.	T 12
W13	8 40 26	12°10'15	3♋52	28°27	28°33	25°38	19° 2	21°15	23°43	15°26	25°26	12°53	14° 5	9° 0	n.a.	W13
T 14	8 44 23	13° 9'28	16°42	28°38	29°41	25°57	18°54	21°22	23°45	15°29	25°27	12°43	14° 1	9° 7	n.a.	T 14
F 15	8 48 19	14° 8'38	29°52	28°R42	0♑49	26°16	18°46	21°28	23°48	15°31	25°28	12°33	13°58	9°13	n.a.	F 15
S 16	8 52 16	15° 7'46	13♌20	28°37	1°57	26°36	18°39	21°35	23°50	15°33	25°28	12°23	13°55	9°20	n.a.	S 16
S 17	8 56 13	16° 6'51	27° 4	28°26	3° 5	26°56	18°31	21°42	23°53	15°35	25°29	12°15	13°52	9°27	n.a.	S 17
M18	9 0 9	17° 5'55	11♍ 1	28° 8	4°14	27°16	18°23	21°49	23°55	15°37	25°30	12° 9	13°49	9°33	n.a.	M18
T 19	9 4 6	18° 4'56	25° 6	27°43	5°22	27°37	18°15	21°56	23°58	15°39	25°30	12° 5	13°46	9°40	n.a.	T 19
W20	9 8 2	19° 3'55	9♎16	27°13	6°31	27°58	18° 8	22° 3	24° 0	15°41	25°31	12°D 4	13°42	9°47	n.a.	W20
T 21	9 11 59	20° 2'53	23°27	26°38	7°40	28°19	18° 0	22°10	24° 2	15°43	25°32	12° 4	13°39	9°53	n.a.	T 21
F 22	9 15 55	21° 1'48	7♏39	25°58	8°49	28°40	17°52	22°17	24° 5	15°45	25°32	12° 5	13°36	10° 0	n.a.	F 22
S 23	9 19 52	22° 0'42	21°48	25°15	9°58	29° 2	17°44	22°25	24° 7	15°47	25°33	12°R 6	13°33	10° 7	n.a.	S 23
S 24	9 23 48	22°59'34	5♐54	24°30	11° 7	29°25	17°37	22°32	24° 9	15°48	25°33	12° 5	13°30	10°13	n.a.	S 24
M25	9 27 45	23°58'24	19°55	23°43	12°16	29°47	17°29	22°39	24°11	15°50	25°33	12° 2	13°27	10°20	n.a.	M25
T 26	9 31 41	24°57'12	3♑49	22°55	13°25	0♊10	17°22	22°46	24°13	15°52	25°34	11°58	13°23	10°27	n.a.	T 26
W27	9 35 38	25°55'59	17°35	22° 8	14°34	0°33	17°14	22°54	24°16	15°54	25°34	11°51	13°20	10°33	n.a.	W27
T 28	9 39 35	26♒54'43	1♓10	21♒22	15♑44	0♊56	17♌ 6	23♓ 1	24♐18	15♑56	25♏35	11♎44	13♎17	10♉40	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s27	14s40	4n40	15s33	0n33	20s54	2n 7	21n23	2n47	16n32	1n43	6s16	2s26	24s 0	0s19	23s22	0s22	16s18	3n13	5s30	5s54	12n25		n.a.
S 2	20 14	11 28	4 6	14 51	0 47	21 6	2 3	21 26	2 46	16 35	1 43	6 13	2 26	24 0	0 19	23 21	0 22	16 18	3 13	5 26	5 53	12 26		n.a.
S 3	20 0	7 45	3 20	14 11	1 1	21 17	1 59	21 29	2 45	16 37	1 43	6 11	2 25	24 0	0 19	23 21	0 22	16 18	3 13	5 23	5 51	12 28		n.a.
M 4	19 46	3 48	2 24	13 31	1 15	21 27	1 54	21 32	2 44	16 40	1 44	6 8	2 25	24 0	0 19	23 21	0 22	16 19	3 13	5 20	5 50	12 29		n.a.
T 5	19 32	0n14	1 23	12 53	1 29	21 37	1 50	21 35	2 44	16 42	1 44	6 6	2 25	24 1	0 19	23 21	0 22	16 19	3 13	5 19	5 49	12 30		n.a.
W 6	19 18	4 10	0 19	12 17	1 42	21 46	1 46	21 38	2 43	16 45	1 44	6 3	2 25	24 1	0 19	23 21	0 22	16 19	3 13	5 19	5 48	12 32		n.a.
T 7	19 3	7 52	0s44	11 42	1 56	21 55	1 42	21 41	2 42	16 47	1 44	6 0	2 25	24 1	0 19	23 20	0 22	16 19	3 13	5 19	5 46	12 33		n.a.
F 8	18 47	11 13	1 46	11 11	2 10	22 3	1 37	21 45	2 41	16 50	1 44	5 57	2 24	24 1	0 19	23 20	0 22	16 20	3 13	5 19	5 45	12 35		n.a.
S 9	18 32	14 6	2 42	10 41	2 23	22 11	1 33	21 48	2 40	16 52	1 44	5 55	2 24	24 1	0 19	23 20	0 22	16 20	3 13	5 19	5 44	12 36		n.a.
S 10	18 16	16 25	3 32	10 15	2 35	22 18	1 29	21 52	2 39	16 55	1 44	5 52	2 24	24 1	0 19	23 20	0 22	16 20	3 13	5 18	5 43	12 37		n.a.
M11	18 0	18 2	4 13	9 52	2 47	22 24	1 24	21 55	2 39	16 57	1 44	5 49	2 24	24 2	0 19	23 19	0 22	16 20	3 13	5 16	5 41	12 39		n.a.
T 12	17 44	18 52	4 43	9 33	2 58	22 30	1 20	21 59	2 38	17 0	1 45	5 46	2 24	24 2	0 19	23 19	0 22	16 20	3 13	5 14	5 40	12 40		n.a.
W13	17 27	18 48	5 1	9 17	3 8	22 36	1 16	22 3	2 37	17 2	1 45	5 43	2 24	24 2	0 19	23 19	0 22	16 21	3 13	5 11	5 39	12 42		n.a.
T 14	17 10	17 46	5 4	9 5	3 17	22 40	1 11	22 7	2 36	17 5	1 45	5 40	2 23	24 2	0 19	23 19	0 22	16 21	3 13	5 7	5 38	12 43		n.a.
F 15	16 53	15 48	4 51	8 56	3 25	22 45	1 7	22 10	2 35	17 7	1 45	5 38	2 23	24 2	0 19	23 18	0 22	16 21	3 13	5 2	5 36	12 44		n.a.
S 16	16 35	12 56	4 22	8 51	3 32	22 48	1 3	22 14	2 34	17 10	1 45	5 35	2 23	24 2	0 19	23 18	0 22	16 21	3 13	4 59	5 35	12 46		n.a.
S 17	16 17	9 19	3 37	8 51	3 37	22 51	0 58	22 18	2 34	17 12	1 45	5 32	2 23	24 2	0 19	23 18	0 22	16 21	3 13	4 55	5 34	12 47		n.a.
M18	15 59	5 7	2 39	8 53	3 41	22 53	0 54	22 22	2 33	17 15	1 45	5 29	2 23	24 3	0 19	23 18	0 22	16 21	3 13	4 53	5 33	12 49		n.a.
T 19	15 41	0 37	1 30	9 0	3 43	22 55	0 50	22 26	2 32	17 17	1 45	5 26	2 23	24 3	0 19	23 18	0 22	16 22	3 13	4 51	5 31	12 50		n.a.
W20	15 22	3s58	0 15	9 10	3 43	22 56	0 46	22 30	2 31	17 20	1 45	5 23	2 23	24 3	0 19	23 17	0 22	16 22	3 13	4 51	5 30	12 51		n.a.
T 21	15 3	8 20	1n 1	9 23	3 42	22 57	0 42	22 35	2 30	17 22	1 45	5 20	2 22	24 3	0 19	23 17	0 22	16 22	3 13	4 51	5 29	12 53		n.a.
F 22	14 44	12 12	2 13	9 40	3 38	22 56	0 38	22 39	2 30	17 25	1 45	5 17	2 22	24 3	0 19	23 17	0 22	16 22	3 13	4 52	5 28	12 54		n.a.
S 23	14 25	15 22	3 17	9 59	3 34	22 55	0 33	22 43	2 29	17 27	1 45	5 14	2 22	24 3	0 19	23 17	0 22	16 22	3 13	4 52	5 26	12 55		n.a.
S 24	14 6	17 35	4 9	10 20	3 27	22 54	0 29	22 47	2 28	17 30	1 45	5 11	2 22	24 3	0 20	23 17	0 22	16 22	3 13	4 51	5 25	12 57		n.a.
M25	13 46	18 43	4 46	10 43	3 19	22 52	0 25	22 51	2 27	17 32	1 45	5 8	2 22	24 3	0 20	23 16	0 22	16 22	3 13	4 50	5 24	12 58		n.a.
T 26	13 26	18 43	5 5	11 8	3 9	22 49	0 21	22 56	2 26	17 34	1 45	5 5	2 22	24 4	0 20	23 16	0 22	16 22	3 13	4 49	5 23	12 59		n.a.
W27	13 6	17 37	5 7	11 34	2 59	22 46	0 17	23 0	2 26	17 37	1 45	5 2	2 22	24 4	0 20	23 16	0 22	16 22	3 13	4 46	5 21	13 1		n.a.
T 28	12s46	15s31	4n51	12s 0	2n46	22s42	0n14	23n 4	2n25	17n39	1n45	4s59	2s22	24s 4	0s20	23s16	0s22	16s23	3n13	4s43	5s20	13n 2		n.a.

Julian Day Number = 1192572.5, Delta T = 09h30m40s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'12, Lahiri = -23°56'12 Julian Calendar 1 Feb. 1448 BCE == Greg. Calendar 19 Jan. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

MARCH 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 43 31	27♒53'25	14♒32	20°R38	16♉53	1♊20	16°R59	23♓ 8	24♐20	15♉58	25♏35	11°R36	13♎14	10♉47	n.a.	F 1
S 2	9 47 28	28°52'05	27°39	19♒56	18° 3	1°44	16♌51	23°16	24°22	16° 0	25°35	11♎29	13°11	10°53	n.a.	S 2
S 3	9 51 24	29°50'43	10♓29	19°18	19°12	2° 8	16°44	23°23	24°24	16° 1	25°35	11°24	13° 7	11° 0	n.a.	S 3
M 4	9 55 21	0♓49'19	23° 4	18°44	20°22	2°33	16°37	23°31	24°25	16° 3	25°36	11°20	13° 4	11° 7	n.a.	M 4
T 5	9 59 17	1°47'53	5♈23	18°13	21°31	2°57	16°29	23°38	24°27	16° 5	25°36	11°18	13° 1	11°13	n.a.	T 5
W 6	10 3 14	2°46'25	17°29	17°48	22°41	3°22	16°22	23°46	24°29	16° 6	25°36	11°D18	12°58	11°20	n.a.	W 6
T 7	10 7 10	3°44'54	29°25	17°27	23°51	3°48	16°15	23°54	24°31	16° 8	25°36	11°20	12°55	11°27	n.a.	T 7
F 8	10 11 7	4°43'21	11♉15	17°12	25° 1	4°13	16° 8	24° 1	24°32	16°10	25°36	11°21	12°52	11°33	n.a.	F 8
S 9	10 15 3	5°41'46	23° 5	17° 2	26°11	4°39	16° 1	24° 9	24°34	16°11	25°36	11°23	12°48	11°40	n.a.	S 9
S 10	10 19 0	6°40'08	4♊57	16°56	27°21	5° 5	15°54	24°16	24°36	16°13	25°R36	11°R23	12°45	11°47	n.a.	S 10
M11	10 22 57	7°38'29	16°59	16°D56	28°31	5°31	15°47	24°24	24°37	16°15	25°36	11°23	12°42	11°53	n.a.	M11
T 12	10 26 53	8°36'47	29°15	17° 1	29°41	5°57	15°41	24°32	24°39	16°16	25°36	11°21	12°39	12° 0	n.a.	T 12
W13	10 30 50	9°35'03	11♋48	17°11	0♒51	6°24	15°34	24°40	24°40	16°18	25°36	11°18	12°36	12° 7	n.a.	W13
T 14	10 34 46	10°33'17	24°42	17°26	2° 1	6°51	15°28	24°47	24°42	16°19	25°36	11°14	12°32	12°13	n.a.	T 14
F 15	10 38 43	11°31'28	7♌59	17°45	3°11	7°18	15°21	24°55	24°43	16°21	25°36	11° 9	12°29	12°20	n.a.	F 15
S 16	10 42 39	12°29'38	21°39	18° 9	4°22	7°45	15°15	25° 3	24°44	16°22	25°36	11° 5	12°26	12°27	n.a.	S 16
S 17	10 46 36	13°27'45	5♍41	18°37	5°32	8°12	15° 9	25°11	24°46	16°24	25°36	11° 1	12°23	12°33	n.a.	S 17
M18	10 50 32	14°25'51	19°59	19° 9	6°42	8°40	15° 3	25°18	24°47	16°25	25°35	10°58	12°20	12°40	n.a.	M18
T 19	10 54 29	15°23'54	4♎30	19°46	7°53	9° 8	14°57	25°26	24°48	16°27	25°35	10°D57	12°17	12°47	n.a.	T 19
W20	10 58 25	16°21'56	19° 6	20°26	9° 3	9°36	14°51	25°34	24°49	16°28	25°35	10°57	12°13	12°53	n.a.	W20
T 21	11 2 22	17°19'56	3♏43	21°10	10°14	10° 4	14°46	25°42	24°50	16°29	25°35	10°58	12°10	13° 0	n.a.	T 21
F 22	11 6 19	18°17'55	18°14	21°58	11°24	10°32	14°40	25°50	24°52	16°31	25°34	11° 0	12° 7	13° 7	n.a.	F 22
S 23	11 10 15	19°15'53	2♐36	22°49	12°35	11° 0	14°35	25°58	24°53	16°32	25°34	11° 1	12° 4	13°13	n.a.	S 23
S 24	11 14 12	20°13'49	16°46	23°43	13°46	11°29	14°30	26° 5	24°54	16°33	25°33	11°R 2	12° 1	13°20	n.a.	S 24
M25	11 18 8	21°11'43	0♑43	24°40	14°56	11°58	14°25	26°13	24°54	16°34	25°33	11° 1	11°58	13°27	n.a.	M25
T 26	11 22 5	22° 9'36	14°24	25°40	16° 7	12°27	14°20	26°21	24°55	16°35	25°33	11° 0	11°54	13°33	n.a.	T 26
W27	11 26 1	23° 7'28	27°51	26°44	17°18	12°56	14°15	26°29	24°56	16°37	25°32	10°58	11°51	13°40	n.a.	W27
T 28	11 29 58	24° 5'18	11♒ 3	27°50	18°29	13°25	14°11	26°37	24°57	16°38	25°32	10°56	11°48	13°47	n.a.	T 28
F 29	11 33 54	25° 3'07	24° 1	28°59	19°40	13°55	14° 6	26°45	24°58	16°39	25°31	10°54	11°45	13°53	n.a.	F 29
S 30	11 37 51	26° 0'54	6♓45	0♓10	20°51	14°25	14° 2	26°53	24°58	16°40	25°31	10°52	11°42	14° 0	n.a.	S 30
S 31	11 41 48	26♓58'40	19♓17	1♓24	22♒ 2	14♊54	13♌58	27♓ 1	24♐59	16♉41	25♏30	10♎50	11♎38	14♉ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s25	12s38	4n19	12s27	2n33	22s37	0n10	23n 8	2n24	17n41	1n45	4s56	2s21	24s 4	0s20	23s15	0s22	16s23	3n13	4s40	5s19	13n 3		n.a.
S 2	12 4	9 9	3 34	12 54	2 19	22 32	0 6	23 13	2 23	17 44	1 45	4 53	2 21	24 4	0 20	23 15	0 22	16 23	3 13	4 37	5 17	13 5		n.a.
S 3	11 43	5 19	2 39	13 20	2 4	22 26	0 2	23 17	2 22	17 46	1 45	4 49	2 21	24 4	0 20	23 15	0 22	16 23	3 13	4 35	5 16	13 6		n.a.
M 4	11 22	1 19	1 38	13 45	1 49	22 19	0s 2	23 21	2 22	17 48	1 45	4 46	2 21	24 4	0 20	23 15	0 22	16 23	3 13	4 34	5 15	13 8		n.a.
T 5	11 1	2n40	0 32	14 9	1 34	22 12	0 5	23 25	2 21	17 50	1 45	4 43	2 21	24 4	0 20	23 15	0 22	16 23	3 13	4 33	5 14	13 9		n.a.
W 6	10 40	6 28	0s34	14 32	1 18	22 4	0 9	23 29	2 20	17 53	1 45	4 40	2 21	24 4	0 20	23 15	0 22	16 23	3 13	4 33	5 12	13 10		n.a.
T 7	10 18	9 57	1 37	14 53	1 2	21 55	0 13	23 34	2 19	17 55	1 45	4 37	2 21	24 5	0 20	23 14	0 22	16 23	3 13	4 33	5 11	13 12		n.a.
F 8	9 57	13 0	2 36	15 13	0 46	21 46	0 16	23 38	2 19	17 57	1 45	4 34	2 21	24 5	0 20	23 14	0 22	16 23	3 13	4 34	5 10	13 13		n.a.
S 9	9 35	15 31	3 28	15 31	0 31	21 36	0 20	23 42	2 18	17 59	1 45	4 31	2 21	24 5	0 20	23 14	0 22	16 23	3 13	4 35	5 9	13 14		n.a.
S 10	9 13	17 22	4 12	15 47	0 16	21 26	0 23	23 46	2 17	18 1	1 45	4 27	2 21	24 5	0 20	23 14	0 23	16 23	3 13	4 35	5 7	13 16		n.a.
M11	8 51	18 29	4 45	16 1	0 1	21 15	0 26	23 50	2 16	18 3	1 45	4 24	2 21	24 5	0 20	23 14	0 23	16 23	3 13	4 35	5 6	13 17		n.a.
T 12	8 29	18 46	5 6	16 13	0s13	21 4	0 30	23 54	2 16	18 5	1 45	4 21	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 34	5 5	13 18		n.a.
W13	8 7	18 8	5 13	16 23	0 27	20 51	0 33	23 58	2 15	18 7	1 45	4 18	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 33	5 4	13 20		n.a.
T 14	7 44	16 34	5 4	16 31	0 40	20 39	0 36	24 2	2 14	18 9	1 44	4 15	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 31	5 2	13 21		n.a.
F 15	7 22	14 6	4 39	16 37	0 53	20 25	0 39	24 6	2 13	18 10	1 44	4 12	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 29	5 1	13 22		n.a.
S 16	6 59	10 47	3 58	16 41	1 5	20 11	0 42	24 10	2 13	18 12	1 44	4 8	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 28	5 0	13 23		n.a.
S 17	6 37	6 47	3 2	16 43	1 16	19 57	0 45	24 14	2 12	18 14	1 44	4 5	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 26	4 59	13 25		n.a.
M18	6 14	2 19	1 53	16 43	1 27	19 42	0 48	24 18	2 11	18 16	1 44	4 2	2 20	24 5	0 20	23 13	0 23	16 23	3 13	4 25	4 57	13 26		n.a.
T 19	5 51	2s21	0 35	16 40	1 36	19 26	0 51	24 21	2 10	18 17	1 44	3 59	2 20	24 6	0 20	23 12	0 23	16 23	3 13	4 25	4 56	13 27		n.a.
W20	5 28	6 55	0n45	16 36	1 46	19 10	0 54	24 25	2 10	18 19	1 44	3 56	2 20	24 6	0 20	23 12	0 23	16 23	3 13	4 25	4 55	13 29		n.a.
T 21	5 5	11 4	2 2	16 30	1 54	18 54	0 56	24 29	2 9	18 20	1 44	3 52	2 20	24 6	0 20	23 12	0 23	16 23	3 13	4 25	4 54	13 30		n.a.
F 22	4 42	14 30	3 11	16 21	2 2	18 36	0 59	24 32	2 8	18 22	1 43	3 49	2 20	24 6	0 20	23 12	0 23	16 22	3 13	4 25	4 52	13 31		n.a.
S 23	4 19	17 0	4 8	16 11	2 9	18 19	1 1	24 36	2 7	18 23	1 43	3 46	2 20	24 6	0 20	23 12	0 23	16 22	3 13	4 26	4 51	13 33		n.a.
S 24	3 56	18 25	4 48	15 59	2 16	18 0	1 4	24 39	2 7	18 25	1 43	3 43	2 20	24 6	0 20	23 12	0 23	16 22	3 13	4 26	4 50	13 34		n.a.
M25	3 33	18 41	5 11	15 45	2 22	17 42	1 6	24 42	2 6	18 26	1 43	3 39	2 20	24 6	0 20	23 12	0 23	16 22	3 13	4 26	4 49	13 35		n.a.
T 26	3 10	17 51	5 15	15 29	2 27	17 22	1 9	24 45	2 5	18 27	1 43	3 36	2 20	24 6	0 20	23 11	0 23	16 22	3 13	4 26	4 47	13 36		n.a.
W27	2 47	16 1	5 2	15 11	2 31	17 3	1 11	24 49	2 5	18 29	1 43	3 33	2 20	24 6	0 20	23 11	0 23	16 22	3 13	4 25	4 46	13 38		n.a.
T 28	2 23	13 23	4 33	14 52	2 35	16 43	1 13	24 52	2 4	18 30	1 42	3 30	2 20	24 6	0 20	23 11	0 23	16 22	3 13	4 24	4 45	13 39		n.a.
F 29	2 0	10 7	3 51	14 30	2 38	16 22	1 15	24 55	2 3	18 31	1 42	3 27	2 20	24 6	0 20	23 11	0 23	16 22	3 13	4 23	4 43	13 40		n.a.
S 30	1 37	6 27	2 58	14 7	2 41	16 1	1 17	24 58	2 2	18 32	1 42	3 23	2 20	24 6	0 20	23 11	0 23	16 22	3 13	4 22	4 42	13 42		n.a.
S 31	1s13	2s32	1n57	13s42	2s43	15s40	1s19	25n 0	2n 2	18n33	1n42	3s20	2s20	24s 6	0s20	23s11	0s23	16s22	3n13	4s22	4s41	13n43		n.a.

Julian Day Number = 1192600.5, Delta T = 09h30m39s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'08, Lahiri = -23°56'08 Julian Calendar 1 March 1448 BCE == Greg. Calendar 16 Feb. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

APRIL 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 45 44	27♓56'24	1♈36	2♓40	23♒13	15♊24	13°R54	27♓ 9	24♐59	16♑42	25°R29	10°R49	11♎35	14♉13	n.a.	M 1
T 2	11 49 41	28°54'07	13°44	3°59	24°24	15°54	13♌50	27°17	25° 0	16°43	25♏29	10°D49	11°32	14°20	n.a.	T 2
W 3	11 53 37	29°51'48	25°43	5°20	25°35	16°25	13°47	27°24	25° 0	16°44	25°28	10♎50	11°29	14°27	n.a.	W 3
T 4	11 57 34	0♈49'28	7♉36	6°44	26°46	16°55	13°43	27°32	25° 1	16°45	25°27	10°50	11°26	14°33	n.a.	T 4
F 5	12 1 30	1°47'06	19°26	8°10	27°57	17°26	13°40	27°40	25° 1	16°46	25°27	10°51	11°23	14°40	n.a.	F 5
S 6	12 5 27	2°44'42	1♊15	9°38	29° 8	17°56	13°37	27°48	25° 2	16°47	25°26	10°52	11°19	14°47	n.a.	S 6
S 7	12 9 23	3°42'17	13° 8	11° 9	0♓20	18°27	13°34	27°56	25° 2	16°48	25°25	10°53	11°16	14°53	n.a.	S 7
M 8	12 13 20	4°39'50	25° 9	12°41	1°31	18°58	13°31	28° 4	25° 2	16°48	25°24	10°53	11°13	15° 0	n.a.	M 8
T 9	12 17 17	5°37'22	7♋23	14°16	2°42	19°29	13°29	28°12	25° 2	16°49	25°23	10°R53	11°10	15° 7	n.a.	T 9
W10	12 21 13	6°34'52	19°54	15°53	3°53	20° 0	13°26	28°20	25° 2	16°50	25°23	10°53	11° 7	15°13	n.a.	W10
T 11	12 25 10	7°32'20	2♌46	17°33	5° 5	20°32	13°24	28°28	25° 2	16°51	25°22	10°53	11° 4	15°20	n.a.	T 11
F 12	12 29 6	8°29'47	16° 2	19°14	6°16	21° 3	13°22	28°35	25°R 3	16°51	25°21	10°53	11° 0	15°27	n.a.	F 12
S 13	12 33 3	9°27'12	29°44	20°58	7°28	21°35	13°20	28°43	25° 2	16°52	25°20	10°52	10°57	15°33	n.a.	S 13
S 14	12 36 59	10°24'36	13♍51	22°44	8°39	22° 7	13°18	28°51	25° 2	16°53	25°19	10°52	10°54	15°40	n.a.	S 14
M15	12 40 56	11°21'59	28°21	24°32	9°50	22°38	13°17	28°59	25° 2	16°53	25°18	10°D52	10°51	15°47	n.a.	M15
T 16	12 44 52	12°19'20	13♎ 8	26°22	11° 2	23°10	13°16	29° 7	25° 2	16°54	25°17	10°R52	10°48	15°53	n.a.	T 16
W17	12 48 49	13°16'40	28° 6	28°15	12°13	23°42	13°15	29°14	25° 2	16°54	25°16	10°52	10°44	16° 0	n.a.	W17
T 18	12 52 45	14°14'00	13♏ 7	0♈ 9	13°25	24°14	13°14	29°22	25° 2	16°55	25°15	10°52	10°41	16° 7	n.a.	T 18
F 19	12 56 42	15°11'18	28° 1	2° 6	14°37	24°47	13°13	29°30	25° 1	16°55	25°14	10°52	10°38	16°13	n.a.	F 19
S 20	13 0 39	16° 8'36	12♐42	4° 5	15°48	25°19	13°12	29°37	25° 1	16°56	25°13	10°51	10°35	16°20	n.a.	S 20
S 21	13 4 35	17° 5'53	27° 6	6° 5	17° 0	25°52	13°12	29°45	25° 1	16°56	25°12	10°51	10°32	16°27	n.a.	S 21
M22	13 8 32	18° 3'09	11♑ 7	8° 8	18°12	26°24	13°12	29°53	25° 0	16°56	25°11	10°50	10°29	16°33	n.a.	M22
T 23	13 12 28	19° 0'25	24°47	10°12	19°23	26°57	13°D12	0♈ 0	25° 0	16°57	25°10	10°D50	10°25	16°40	n.a.	T 23
W24	13 16 25	19°57'40	8♒ 5	12°18	20°35	27°30	13°12	0° 8	24°59	16°57	25° 8	10°51	10°22	16°47	n.a.	W24
T 25	13 20 21	20°54'55	21° 3	14°26	21°47	28° 3	13°12	0°16	24°59	16°57	25° 7	10°52	10°19	16°53	n.a.	T 25
F 26	13 24 18	21°52'09	3♓45	16°34	22°59	28°36	13°12	0°23	24°58	16°57	25° 6	10°52	10°16	17° 0	n.a.	F 26
S 27	13 28 15	22°49'22	16°11	18°44	24°11	29° 9	13°13	0°31	24°57	16°58	25° 5	10°53	10°13	17° 7	n.a.	S 27
S 28	13 32 11	23°46'34	28°26	20°55	25°23	29°42	13°14	0°38	24°56	16°58	25° 4	10°54	10° 9	17°13	n.a.	S 28
M29	13 36 8	24°43'46	10♈31	23° 6	26°35	0♋15	13°15	0°46	24°56	16°58	25° 2	10°R55	10° 6	17°20	n.a.	M29
T 30	13 40 4	25♈40'58	22♈29	25♈18	27♓46	0♋49	13♌16	0♈53	24♐55	16♑58	25♏ 1	10♎54	10♎ 3	17♉27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s50	1n25	0n51	13s15	2s44	15s18	1s21	25n 3	2n 1	18n34	1n42	3s17	2s20	24s 6	0s20	23s11	0s23	16s21	3n13	4s21	4s40	13n44		n.a.
T 2	0 27	5 16	0s16	12 46	2 45	14 55	1 23	25 6	2 0	18 35	1 41	3 14	2 20	24 6	0 20	23 11	0 23	16 21	3 13	4 21	4 38	13 45		n.a.
W 3	0 3	8 51	1 22	12 16	2 45	14 33	1 25	25 8	2 0	18 36	1 41	3 11	2 20	24 6	0 20	23 11	0 23	16 21	3 13	4 21	4 37	13 47		n.a.
T 4	0n20	12 2	2 23	11 44	2 44	14 9	1 26	25 11	1 59	18 37	1 41	3 7	2 20	24 6	0 20	23 10	0 23	16 21	3 13	4 22	4 36	13 48		n.a.
F 5	0 43	14 43	3 18	11 10	2 43	13 46	1 28	25 13	1 58	18 37	1 41	3 4	2 20	24 6	0 20	23 10	0 23	16 21	3 13	4 22	4 35	13 49		n.a.
S 6	1 7	16 47	4 5	10 34	2 41	13 22	1 29	25 15	1 58	18 38	1 41	3 1	2 20	24 7	0 21	23 10	0 23	16 21	3 13	4 23	4 33	13 51		n.a.
S 7	1 30	18 8	4 41	9 57	2 38	12 58	1 31	25 17	1 57	18 39	1 40	2 58	2 20	24 7	0 21	23 10	0 23	16 20	3 13	4 23	4 32	13 52		n.a.
M 8	1 53	18 41	5 6	9 18	2 35	12 33	1 32	25 20	1 56	18 39	1 40	2 55	2 20	24 7	0 21	23 10	0 23	16 20	3 12	4 23	4 31	13 53		n.a.
T 9	2 16	18 23	5 17	8 37	2 32	12 8	1 33	25 21	1 56	18 40	1 40	2 52	2 20	24 7	0 21	23 10	0 23	16 20	3 12	4 23	4 30	13 54		n.a.
W10	2 39	17 11	5 14	7 55	2 27	11 43	1 34	25 23	1 55	18 40	1 40	2 48	2 20	24 7	0 21	23 10	0 23	16 20	3 12	4 23	4 28	13 56		n.a.
T 11	3 3	15 6	4 55	7 11	2 23	11 17	1 36	25 25	1 54	18 41	1 39	2 45	2 20	24 7	0 21	23 10	0 23	16 20	3 12	4 23	4 27	13 57		n.a.
F 12	3 26	12 11	4 20	6 26	2 17	10 52	1 37	25 27	1 54	18 41	1 39	2 42	2 20	24 7	0 21	23 10	0 23	16 20	3 12	4 23	4 26	13 58		n.a.
S 13	3 49	8 30	3 29	5 39	2 11	10 25	1 37	25 28	1 53	18 41	1 39	2 39	2 20	24 7	0 21	23 10	0 23	16 19	3 12	4 23	4 24	13 59		n.a.
S 14	4 12	4 14	2 25	4 50	2 5	9 59	1 38	25 29	1 52	18 42	1 39	2 36	2 20	24 7	0 21	23 10	0 23	16 19	3 12	4 23	4 23	14 1		n.a.
M15	4 34	0s23	1 9	4 0	1 58	9 32	1 39	25 31	1 51	18 42	1 39	2 33	2 20	24 7	0 21	23 10	0 23	16 19	3 12	4 23	4 22	14 2		n.a.
T 16	4 57	5 5	0n13	3 9	1 50	9 5	1 40	25 32	1 51	18 42	1 38	2 30	2 20	24 7	0 21	23 10	0 23	16 19	3 12	4 23	4 21	14 3		n.a.
W17	5 20	9 31	1 34	2 16	1 42	8 38	1 40	25 33	1 50	18 42	1 38	2 27	2 20	24 7	0 21	23 10	0 23	16 19	3 12	4 23	4 19	14 4		n.a.
T 18	5 42	13 21	2 50	1 22	1 34	8 11	1 41	25 33	1 50	18 42	1 38	2 23	2 20	24 7	0 21	23 10	0 23	16 18	3 12	4 22	4 18	14 6		n.a.
F 19	6 5	16 17	3 53	0 27	1 25	7 43	1 41	25 34	1 49	18 42	1 38	2 20	2 20	24 7	0 21	23 9	0 23	16 18	3 12	4 22	4 17	14 7		n.a.
S 20	6 27	18 5	4 40	0n29	1 16	7 15	1 42	25 35	1 48	18 42	1 37	2 17	2 20	24 7	0 21	23 9	0 24	16 18	3 12	4 22	4 16	14 8		n.a.
S 21	6 50	18 41	5 8	1 27	1 6	6 47	1 42	25 35	1 48	18 42	1 37	2 14	2 20	24 7	0 21	23 9	0 24	16 18	3 12	4 22	4 14	14 9		n.a.
M22	7 12	18 7	5 18	2 25	0 56	6 19	1 42	25 36	1 47	18 42	1 37	2 11	2 20	24 7	0 21	23 9	0 24	16 17	3 12	4 22	4 13	14 10		n.a.
T 23	7 34	16 30	5 8	3 24	0 46	5 50	1 42	25 36	1 46	18 42	1 37	2 8	2 20	24 7	0 21	23 9	0 24	16 17	3 12	4 22	4 12	14 12		n.a.
W24	7 56	14 1	4 42	4 24	0 36	5 21	1 42	25 36	1 46	18 41	1 36	2 5	2 20	24 7	0 21	23 9	0 24	16 17	3 12	4 22	4 11	14 13		n.a.
T 25	8 18	10 54	4 3	5 24	0 25	4 53	1 42	25 36	1 45	18 41	1 36	2 2	2 20	24 7	0 21	23 9	0 24	16 17	3 12	4 22	4 9	14 14		n.a.
F 26	8 40	7 20	3 12	6 24	0 15	4 24	1 42	25 36	1 44	18 41	1 36	1 59	2 21	24 7	0 21	23 9	0 24	16 17	3 12	4 23	4 8	14 15		n.a.
S 27	9 2	3 30	2 13	7 24	0 4	3 55	1 42	25 35	1 44	18 40	1 36	1 56	2 21	24 7	0 21	23 9	0 24	16 16	3 12	4 23	4 7	14 17		n.a.
S 28	9 23	0n25	1 9	8 24	0n 7	3 25	1 42	25 35	1 43	18 40	1 35	1 53	2 21	24 7	0 21	23 9	0 24	16 16	3 12	4 23	4 5	14 18		n.a.
M29	9 45	4 16	0 2	9 24	0 17	2 56	1 42	25 34	1 42	18 39	1 35	1 50	2 21	24 7	0 21	23 9	0 24	16 16	3 12	4 23	4 4	14 19		n.a.
T 30	10n 6	7n55	1s 4	10n23	0n27	2s27	1s41	25n33	1n42	18n39	1n35	1s47	2s21	24s 7	0s21	23s 9	0s24	16s16	3n12	4s23	4s 3	14n20		n.a.

Julian Day Number = 1192631.5, Delta T = 09h30m37s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'04, Lahiri = -23°56'04 Julian Calendar 1 Apr. 1448 BCE == Greg. Calendar 19 March 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

MAY 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 44 1	26♈38'08	4♉22	27♈29	28♓58	1♋22	13♌18	1♈ 1	24°R54	16♑58	25°R 0	10°R53	10♎ 0	17♉33	n.a.	W 1
T 2	13 47 57	27°35'19	16°12	29°41	0♈10	1°56	13°19	1° 8	24♐53	16°58	24♏59	10♎51	9°57	17°40	n.a.	T 2
F 3	13 51 54	28°32'28	28° 1	1♉52	1°22	2°30	13°21	1°15	24°52	16°R58	24°57	10°49	9°54	17°47	n.a.	F 3
S 4	13 55 50	29°29'37	9♊51	4° 2	2°35	3° 4	13°23	1°23	24°51	16°58	24°56	10°46	9°50	17°53	n.a.	S 4
S 5	13 59 47	0♉26'45	21°46	6°11	3°47	3°37	13°25	1°30	24°50	16°58	24°55	10°43	9°47	18° 0	n.a.	S 5
M 6	14 3 44	1°23'52	3♋48	8°19	4°59	4°12	13°27	1°37	24°49	16°58	24°53	10°40	9°44	18° 7	n.a.	M 6
T 7	14 7 40	2°20'59	16° 2	10°26	6°11	4°46	13°30	1°44	24°48	16°58	24°52	10°39	9°41	18°13	n.a.	T 7
W 8	14 11 37	3°18'05	28°31	12°31	7°23	5°20	13°32	1°52	24°47	16°58	24°51	10°D38	9°38	18°20	n.a.	W 8
T 9	14 15 33	4°15'10	11♌19	14°34	8°35	5°54	13°35	1°59	24°45	16°58	24°49	10°38	9°35	18°27	n.a.	T 9
F 10	14 19 30	5°12'15	24°29	16°36	9°47	6°28	13°38	2° 6	24°44	16°57	24°48	10°39	9°31	18°33	n.a.	F 10
S 11	14 23 26	6° 9'19	8♍ 4	18°35	11° 0	7° 3	13°41	2°13	24°43	16°57	24°46	10°40	9°28	18°40	n.a.	S 11
S 12	14 27 23	7° 6'22	22° 7	20°33	12°12	7°37	13°45	2°20	24°42	16°57	24°45	10°42	9°25	18°47	n.a.	S 12
M13	14 31 19	8° 3'25	6♎35	22°29	13°24	8°12	13°48	2°27	24°40	16°56	24°44	10°R42	9°22	18°54	n.a.	M13
T 14	14 35 16	9° 0'28	21°26	24°22	14°37	8°47	13°52	2°34	24°39	16°56	24°42	10°42	9°19	19° 0	n.a.	T 14
W15	14 39 13	9°57'30	6♏33	26°14	15°49	9°22	13°55	2°41	24°37	16°56	24°41	10°40	9°15	19° 7	n.a.	W15
T 16	14 43 9	10°54'32	21°47	28° 3	17° 1	9°57	13°59	2°47	24°36	16°55	24°39	10°37	9°12	19°14	n.a.	T 16
F 17	14 47 6	11°51'34	6♐58	29°50	18°14	10°31	14° 3	2°54	24°34	16°55	24°38	10°34	9° 9	19°20	n.a.	F 17
S 18	14 51 2	12°48'37	21°56	1♊35	19°26	11° 7	14° 8	3° 1	24°33	16°54	24°36	10°29	9° 6	19°27	n.a.	S 18
S 19	14 54 59	13°45'39	6♑34	3°17	20°39	11°42	14°12	3° 8	24°31	16°54	24°35	10°25	9° 3	19°34	n.a.	S 19
M20	14 58 55	14°42'42	20°47	4°58	21°51	12°17	14°17	3°14	24°30	16°53	24°33	10°22	9° 0	19°40	n.a.	M20
T 21	15 2 52	15°39'45	4♒32	6°36	23° 4	12°52	14°21	3°21	24°28	16°53	24°32	10°20	8°56	19°47	n.a.	T 21
W22	15 6 49	16°36'48	17°50	8°12	24°16	13°27	14°26	3°27	24°26	16°52	24°31	10°D19	8°53	19°54	n.a.	W22
T 23	15 10 45	17°33'51	0♓44	9°46	25°29	14° 3	14°31	3°34	24°24	16°52	24°29	10°20	8°50	20° 0	n.a.	T 23
F 24	15 14 42	18°30'55	13°17	11°18	26°42	14°38	14°37	3°40	24°23	16°51	24°28	10°21	8°47	20° 7	n.a.	F 24
S 25	15 18 38	19°27'59	25°33	12°47	27°54	15°14	14°42	3°47	24°21	16°50	24°26	10°23	8°44	20°14	n.a.	S 25
S 26	15 22 35	20°25'04	7♈38	14°14	29° 7	15°50	14°47	3°53	24°19	16°50	24°25	10°R24	8°40	20°20	n.a.	S 26
M27	15 26 31	21°22'09	19°34	15°39	0♉20	16°26	14°53	3°59	24°17	16°49	24°23	10°23	8°37	20°27	n.a.	M27
T 28	15 30 28	22°19'15	1♉25	17° 2	1°33	17° 1	14°59	4° 5	24°15	16°48	24°22	10°21	8°34	20°34	n.a.	T 28
W29	15 34 24	23°16'21	13°14	18°22	2°45	17°37	15° 5	4°11	24°13	16°47	24°20	10°17	8°31	20°40	n.a.	W29
T 30	15 38 21	24°13'27	25° 3	19°40	3°58	18°13	15°11	4°17	24°11	16°46	24°19	10°11	8°28	20°47	n.a.	T 30
F 31	15 42 18	25♉10'34	6♊54	20♊55	5♉11	18♋49	15♌17	4♈23	24♐ 9	16♑46	24♏17	10♎ 3	8♎25	20♉54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	10n27	11n13	2s 6	11n20	0n37	1s57	1s41	25n32	1n41	18n38	1n35	1s44	2s21	24s 7	0s21	23s 9	0s24	16s15	3n12	4s23	4s 2	14n21			n.a.
T 2	10 48	14 3	3 3	12 17	0 47	1 27	1 40	25 31	1 40	18 37	1 34	1 41	2 21	24 7	0 21	23 9	0 24	16 15	3 12	4 22	4 0	14 23			n.a.
F 3	11 9	16 18	3 52	13 13	0 56	0 58	1 40	25 30	1 40	18 36	1 34	1 39	2 21	24 7	0 21	23 9	0 24	16 15	3 12	4 21	3 59	14 24			n.a.
S 4	11 29	17 52	4 31	14 6	1 5	0 28	1 39	25 29	1 39	18 36	1 34	1 36	2 21	24 7	0 21	23 10	0 24	16 14	3 11	4 20	3 58	14 25			n.a.
S 5	11 50	18 38	4 58	14 58	1 14	0n 2	1 38	25 27	1 38	18 35	1 34	1 33	2 21	24 7	0 21	23 10	0 24	16 14	3 11	4 19	3 57	14 26			n.a.
M 6	12 10	18 36	5 13	15 49	1 22	0 32	1 37	25 25	1 38	18 34	1 33	1 30	2 21	24 7	0 21	23 10	0 24	16 14	3 11	4 18	3 55	14 27			n.a.
T 7	12 30	17 41	5 14	16 37	1 29	1 1	1 37	25 24	1 37	18 33	1 33	1 27	2 22	24 7	0 21	23 10	0 24	16 14	3 11	4 17	3 54	14 29			n.a.
W 8	12 50	15 56	5 0	17 23	1 35	1 31	1 36	25 22	1 36	18 32	1 33	1 24	2 22	24 7	0 21	23 10	0 24	16 13	3 11	4 17	3 53	14 30			n.a.
T 9	13 10	13 21	4 31	18 6	1 41	2 1	1 35	25 19	1 36	18 31	1 33	1 22	2 22	24 7	0 21	23 10	0 24	16 13	3 11	4 17	3 52	14 31			n.a.
F 10	13 29	10 1	3 48	18 48	1 47	2 31	1 34	25 17	1 35	18 30	1 32	1 19	2 22	24 7	0 21	23 10	0 24	16 13	3 11	4 17	3 50	14 32			n.a.
S 11	13 48	6 4	2 50	19 27	1 51	3 1	1 32	25 15	1 35	18 29	1 32	1 16	2 22	24 7	0 21	23 10	0 24	16 13	3 11	4 18	3 49	14 33			n.a.
S 12	14 8	1 39	1 41	20 3	1 55	3 30	1 31	25 12	1 34	18 27	1 32	1 13	2 22	24 7	0 21	23 10	0 24	16 12	3 11	4 18	3 48	14 35			n.a.
M13	14 26	3s 0	0 23	20 37	1 59	4 0	1 30	25 9	1 33	18 26	1 32	1 11	2 22	24 7	0 21	23 10	0 24	16 12	3 11	4 19	3 46	14 36			n.a.
T 14	14 45	7 36	0n59	21 9	2 1	4 30	1 29	25 6	1 33	18 25	1 31	1 8	2 22	24 7	0 21	23 10	0 24	16 12	3 11	4 18	3 45	14 37			n.a.
W15	15 4	11 47	2 17	21 39	2 3	4 59	1 27	25 3	1 32	18 23	1 31	1 5	2 23	24 7	0 21	23 10	0 24	16 12	3 11	4 18	3 44	14 38			n.a.
T 16	15 22	15 13	3 26	22 6	2 5	5 29	1 26	25 0	1 31	18 22	1 31	1 3	2 23	24 6	0 21	23 10	0 24	16 11	3 11	4 17	3 43	14 39			n.a.
F 17	15 40	17 34	4 21	22 30	2 5	5 58	1 24	24 57	1 31	18 21	1 31	1 0	2 23	24 6	0 22	23 10	0 24	16 11	3 11	4 15	3 41	14 40			n.a.
S 18	15 57	18 41	4 56	22 53	2 5	6 28	1 23	24 53	1 30	18 19	1 30	0 58	2 23	24 6	0 22	23 10	0 24	16 11	3 11	4 13	3 40	14 42			n.a.
S 19	16 15	18 30	5 12	23 13	2 4	6 57	1 21	24 49	1 29	18 18	1 30	0 55	2 23	24 6	0 22	23 10	0 24	16 10	3 10	4 12	3 39	14 43			n.a.
M20	16 32	17 10	5 7	23 31	2 3	7 26	1 20	24 45	1 29	18 16	1 30	0 52	2 23	24 6	0 22	23 11	0 24	16 10	3 10	4 10	3 38	14 44			n.a.
T 21	16 49	14 51	4 45	23 47	2 1	7 55	1 18	24 41	1 28	18 14	1 30	0 50	2 23	24 6	0 22	23 11	0 24	16 10	3 10	4 10	3 36	14 45			n.a.
W22	17 6	11 49	4 8	24 0	1 58	8 24	1 16	24 37	1 28	18 13	1 29	0 47	2 24	24 6	0 22	23 11	0 24	16 10	3 10	4 9	3 35	14 46			n.a.
T 23	17 22	8 18	3 20	24 12	1 55	8 52	1 14	24 33	1 27	18 11	1 29	0 45	2 24	24 6	0 22	23 11	0 24	16 9	3 10	4 10	3 34	14 47			n.a.
F 24	17 38	4 30	2 22	24 22	1 51	9 21	1 13	24 28	1 26	18 9	1 29	0 43	2 24	24 6	0 22	23 11	0 24	16 9	3 10	4 10	3 32	14 48			n.a.
S 25	17 54	0 35	1 20	24 30	1 47	9 49	1 11	24 24	1 26	18 7	1 29	0 40	2 24	24 6	0 22	23 11	0 24	16 9	3 10	4 11	3 31	14 50			n.a.
S 26	18 10	3n19	0 15	24 36	1 42	10 17	1 9	24 19	1 25	18 5	1 28	0 38	2 24	24 6	0 22	23 11	0 24	16 8	3 10	4 11	3 30	14 51			n.a.
M27	18 25	7 1	0s50	24 40	1 36	10 45	1 7	24 14	1 24	18 4	1 28	0 35	2 24	24 6	0 22	23 11	0 24	16 8	3 10	4 11	3 29	14 52			n.a.
T 28	18 40	10 26	1 52	24 42	1 30	11 12	1 5	24 8	1 24	18 2	1 28	0 33	2 25	24 6	0 22	23 11	0 24	16 8	3 10	4 10	3 27	14 53			n.a.
W29	18 55	13 25	2 49	24 43	1 23	11 40	1 3	24 3	1 23	18 0	1 28	0 31	2 25	24 6	0 22	23 12	0 25	16 8	3 10	4 8	3 26	14 54			n.a.
T 30	19 10	15 50	3 38	24 43	1 16	12 7	1 1	23 58	1 23	17 58	1 28	0 28	2 25	24 6	0 22	23 12	0 25	16 7	3 9	4 6	3 25	14 55			n.a.
F 31	19n24	17n36	4s18	24n41	1n 8	12n34	0s59	23n52	1n22	17n55	1n27	0s26	2s25	24s 6	0s22	23s12	0s25	16s 7	3n 9	4s 3	3s24	14n56			n.a.

Julian Day Number = 1192661.5, Delta T = 09h30m35s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°03'00, Lahiri = -23°56'00 Julian Calendar 1 May 1448 BCE == Greg. Calendar 18 Apr. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

JUNE 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 46 14	26♉ 7'41	18♊49	22♊ 8	6♉24	19♋26	15♌23	4♈29	24°R 7	16°R45	24°R15	9°R55	8♎21	21♉ 0	n.a.	S 1
S 2	15 50 11	27° 4'48	0♋49	23°18	7°37	20° 2	15°30	4°35	24♐ 5	16♑44	24♏14	9♎46	8°18	21° 7	n.a.	S 2
M 3	15 54 7	28° 1'56	12°57	24°26	8°50	20°38	15°37	4°41	24° 3	16°43	24°12	9°38	8°15	21°14	n.a.	M 3
T 4	15 58 4	28°59'04	25°15	25°30	10° 3	21°15	15°43	4°47	24° 1	16°42	24°11	9°32	8°12	21°20	n.a.	T 4
W 5	16 2 0	29°56'12	7♌46	26°32	11°16	21°51	15°50	4°52	23°59	16°41	24° 9	9°28	8° 9	21°27	n.a.	W 5
T 6	16 5 57	0♊53'21	20°32	27°31	12°29	22°28	15°57	4°58	23°57	16°40	24° 8	9°25	8° 6	21°34	n.a.	T 6
F 7	16 9 53	1°50'30	3♍38	28°27	13°42	23° 4	16° 4	5° 4	23°55	16°39	24° 6	9°D25	8° 2	21°41	n.a.	F 7
S 8	16 13 50	2°47'39	17° 6	29°20	14°55	23°41	16°12	5° 9	23°53	16°38	24° 5	9°25	7°59	21°47	n.a.	S 8
S 9	16 17 47	3°44'49	0♎58	0♋10	16° 8	24°18	16°19	5°14	23°50	16°37	24° 4	9°26	7°56	21°54	n.a.	S 9
M10	16 21 43	4°41'59	15°16	0°56	17°21	24°54	16°27	5°20	23°48	16°36	24° 2	9°R26	7°53	22° 1	n.a.	M10
T 11	16 25 40	5°39'09	29°57	1°39	18°34	25°31	16°34	5°25	23°46	16°35	24° 1	9°25	7°50	22° 7	n.a.	T 11
W12	16 29 36	6°36'20	14♏58	2°17	19°48	26° 8	16°42	5°30	23°44	16°33	23°59	9°21	7°46	22°14	n.a.	W12
T 13	16 33 33	7°33'32	0♐10	2°52	21° 1	26°45	16°50	5°35	23°42	16°32	23°58	9°15	7°43	22°21	n.a.	T 13
F 14	16 37 29	8°30'45	15°24	3°23	22°14	27°22	16°58	5°40	23°39	16°31	23°56	9° 7	7°40	22°27	n.a.	F 14
S 15	16 41 26	9°27'58	0♑30	3°50	23°28	27°59	17° 6	5°45	23°37	16°30	23°55	8°58	7°37	22°34	n.a.	S 15
S 16	16 45 23	10°25'13	15°16	4°12	24°41	28°37	17°15	5°50	23°35	16°29	23°53	8°50	7°34	22°41	n.a.	S 16
M17	16 49 19	11°22'29	29°38	4°30	25°54	29°14	17°23	5°55	23°32	16°27	23°52	8°42	7°31	22°47	n.a.	M17
T 18	16 53 16	12°19'45	13♒29	4°43	27° 8	29°51	17°32	6° 0	23°30	16°26	23°51	8°37	7°27	22°54	n.a.	T 18
W19	16 57 12	13°17'03	26°52	4°51	28°21	0♌29	17°40	6° 4	23°28	16°25	23°49	8°33	7°24	23° 1	n.a.	W19
T 20	17 1 9	14°14'23	9♓47	4°R54	29°35	1° 6	17°49	6° 9	23°25	16°23	23°48	8°D32	7°21	23° 7	n.a.	T 20
F 21	17 5 5	15°11'43	22°19	4°52	0♊48	1°44	17°58	6°13	23°23	16°22	23°46	8°32	7°18	23°14	n.a.	F 21
S 22	17 9 2	16° 9'05	4♈33	4°45	2° 2	2°22	18° 7	6°17	23°21	16°21	23°45	8°R33	7°15	23°21	n.a.	S 22
S 23	17 12 58	17° 6'29	16°34	4°32	3°15	2°59	18°16	6°22	23°18	16°19	23°44	8°32	7°12	23°28	n.a.	S 23
M24	17 16 55	18° 3'53	28°26	4°15	4°29	3°37	18°25	6°26	23°16	16°18	23°42	8°31	7° 8	23°34	n.a.	M24
T 25	17 20 52	19° 1'20	10♉15	3°52	5°43	4°15	18°34	6°30	23°13	16°17	23°41	8°26	7° 5	23°41	n.a.	T 25
W26	17 24 48	19°58'47	22° 3	3°25	6°56	4°53	18°43	6°34	23°11	16°15	23°40	8°20	7° 2	23°48	n.a.	W26
T 27	17 28 45	20°56'16	3♊54	2°53	8°10	5°31	18°53	6°38	23° 9	16°14	23°38	8°10	6°59	23°54	n.a.	T 27
F 28	17 32 41	21°53'46	15°50	2°16	9°24	6° 9	19° 3	6°42	23° 6	16°12	23°37	7°58	6°56	24° 1	n.a.	F 28
S 29	17 36 38	22°51'18	27°53	1°36	10°38	6°47	19°12	6°46	23° 4	16°11	23°36	7°46	6°52	24° 8	n.a.	S 29
S 30	17 40 34	23♊48'51	10♋ 4	0♋52	11♊51	7♌25	19♌22	6♈49	23♐ 1	16♑ 9	23♏35	7♎32	6♎49	24♉14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n38	18n37	4s47	24n37	1n 0	13n 0	0s56	23n46	1n21	17n53	1n27	0s24	2s25	24s 6	0s22	23s12	0s25	16s 7	3n 9	4s 0	3s22	14n58		n.a.
S 2	19 51	18 48	5 4	24 32	0 51	13 26	0 54	23 40	1 21	17 51	1 27	0 22	2 25	24 5	0 22	23 12	0 25	16 7	3 9	3 56	3 21	14 59		n.a.
M 3	20 4	18 8	5 7	24 26	0 42	13 52	0 52	23 34	1 20	17 49	1 27	0 20	2 26	24 5	0 22	23 12	0 25	16 6	3 9	3 53	3 20	15 0		n.a.
T 4	20 17	16 37	4 56	24 19	0 32	14 18	0 50	23 27	1 19	17 47	1 26	0 18	2 26	24 5	0 22	23 12	0 25	16 6	3 9	3 51	3 18	15 1		n.a.
W 5	20 30	14 17	4 31	24 11	0 22	14 43	0 48	23 21	1 19	17 44	1 26	0 15	2 26	24 5	0 22	23 12	0 25	16 6	3 9	3 49	3 17	15 2		n.a.
T 6	20 42	11 14	3 52	24 2	0 11	15 8	0 45	23 14	1 18	17 42	1 26	0 13	2 26	24 5	0 22	23 13	0 25	16 6	3 9	3 48	3 16	15 3		n.a.
F 7	20 54	7 33	3 0	23 52	0 0	15 33	0 43	23 7	1 17	17 40	1 26	0 11	2 26	24 5	0 22	23 13	0 25	16 5	3 9	3 48	3 15	15 4		n.a.
S 8	21 5	3 23	1 57	23 41	0s11	15 57	0 41	23 0	1 17	17 37	1 26	0 9	2 27	24 5	0 22	23 13	0 25	16 5	3 8	3 48	3 13	15 5		n.a.
S 9	21 16	1s 5	0 45	23 29	0 23	16 21	0 38	22 53	1 16	17 35	1 25	0 7	2 27	24 5	0 22	23 13	0 25	16 5	3 8	3 48	3 12	15 7		n.a.
M10	21 27	5 38	0n31	23 17	0 35	16 44	0 36	22 46	1 16	17 32	1 25	0 5	2 27	24 5	0 22	23 13	0 25	16 5	3 8	3 48	3 11	15 8		n.a.
T 11	21 38	9 58	1 48	23 4	0 47	17 7	0 34	22 38	1 15	17 30	1 25	0 3	2 27	24 5	0 22	23 13	0 25	16 4	3 8	3 48	3 9	15 9		n.a.
W12	21 48	13 46	2 58	22 50	1 0	17 30	0 31	22 31	1 14	17 27	1 25	0 2	2 27	24 5	0 22	23 14	0 25	16 4	3 8	3 46	3 8	15 10		n.a.
T 13	21 57	16 41	3 57	22 36	1 13	17 52	0 29	22 23	1 14	17 24	1 25	0n 0	2 28	24 5	0 22	23 14	0 25	16 4	3 8	3 44	3 7	15 11		n.a.
F 14	22 7	18 25	4 39	22 22	1 27	18 14	0 26	22 15	1 13	17 22	1 24	0 2	2 28	24 4	0 22	23 14	0 25	16 4	3 8	3 40	3 6	15 12		n.a.
S 15	22 16	18 50	5 1	22 8	1 40	18 35	0 24	22 7	1 12	17 19	1 24	0 4	2 28	24 4	0 22	23 14	0 25	16 3	3 8	3 37	3 4	15 13		n.a.
S 16	22 24	17 58	5 3	21 54	1 54	18 56	0 21	21 58	1 12	17 16	1 24	0 6	2 28	24 4	0 22	23 14	0 25	16 3	3 7	3 34	3 3	15 14		n.a.
M17	22 32	15 57	4 45	21 40	2 8	19 16	0 19	21 50	1 11	17 13	1 24	0 7	2 29	24 4	0 22	23 14	0 25	16 3	3 7	3 31	3 2	15 15		n.a.
T 18	22 40	13 4	4 10	21 25	2 21	19 36	0 16	21 41	1 11	17 11	1 24	0 9	2 29	24 4	0 22	23 15	0 25	16 3	3 7	3 28	3 1	15 16		n.a.
W19	22 48	9 36	3 23	21 11	2 35	19 55	0 14	21 32	1 10	17 8	1 23	0 11	2 29	24 4	0 22	23 15	0 25	16 2	3 7	3 27	2 59	15 18		n.a.
T 20	22 55	5 46	2 27	20 58	2 49	20 14	0 11	21 23	1 9	17 5	1 23	0 12	2 29	24 4	0 22	23 15	0 25	16 2	3 7	3 27	2 58	15 19		n.a.
F 21	23 1	1 48	1 25	20 45	3 2	20 32	0 9	21 14	1 9	17 2	1 23	0 14	2 29	24 4	0 22	23 15	0 25	16 2	3 7	3 27	2 57	15 20		n.a.
S 22	23 8	2n10	0 21	20 32	3 15	20 50	0 6	21 5	1 8	16 59	1 23	0 15	2 30	24 4	0 22	23 15	0 25	16 2	3 7	3 27	2 55	15 21		n.a.
S 23	23 13	5 58	0s43	20 20	3 27	21 7	0 4	20 56	1 7	16 56	1 23	0 17	2 30	24 3	0 22	23 16	0 25	16 2	3 6	3 27	2 54	15 22		n.a.
M24	23 19	9 30	1 44	20 9	3 39	21 23	0 2	20 46	1 7	16 53	1 23	0 18	2 30	24 3	0 22	23 16	0 25	16 1	3 6	3 26	2 53	15 23		n.a.
T 25	23 24	12 37	2 40	19 58	3 50	21 39	0n 1	20 36	1 6	16 50	1 22	0 20	2 30	24 3	0 22	23 16	0 25	16 1	3 6	3 24	2 52	15 24		n.a.
W26	23 29	15 14	3 29	19 49	4 1	21 54	0 3	20 26	1 5	16 47	1 22	0 21	2 31	24 3	0 22	23 16	0 25	16 1	3 6	3 21	2 50	15 25		n.a.
T 27	23 33	17 13	4 10	19 40	4 10	22 9	0 6	20 16	1 5	16 43	1 22	0 23	2 31	24 3	0 22	23 16	0 25	16 1	3 6	3 18	2 49	15 26		n.a.
F 28	23 37	18 28	4 39	19 33	4 18	22 23	0 8	20 6	1 4	16 40	1 22	0 24	2 31	24 3	0 22	23 17	0 25	16 1	3 6	3 13	2 48	15 27		n.a.
S 29	23 40	18 54	4 56	19 27	4 24	22 37	0 11	19 56	1 4	16 37	1 22	0 25	2 31	24 3	0 22	23 17	0 25	16 0	3 6	3 8	2 47	15 28		n.a.
S 30	23n43	18n29	5s 1	19n22	4s30	22n49	0n13	19n45	1n 3	16n34	1n21	0n26	2s32	24s 3	0s22	23s17	0s25	16s 0	3n 5	3s 3	2s45	15n29		n.a.

Julian Day Number = 1192692.5, Delta T = 09h30m34s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'56, Lahiri = -23°55'55 Julian Calendar 1 June 1448 BCE == Greg. Calendar 19 May 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

JULY 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 44 31	24♊46'25	22♋23	0°R 6	13♊ 5	8♌ 4	19♌32	6♈53	22°R59	16°R 8	23°R33	7°R20	6♎46	24♉21	n.a.	M 1
T 2	17 48 27	25°44'00	4♌51	29♊18	14°19	8°42	19°42	6°56	22♐57	16♑ 6	23♏32	7♎10	6°43	24°28	n.a.	T 2
W 3	17 52 24	26°41'37	17°31	28°29	15°33	9°21	19°52	7° 0	22°54	16° 5	23°31	7° 2	6°40	24°34	n.a.	W 3
T 4	17 56 21	27°39'14	0♍24	27°39	16°47	9°59	20° 2	7° 3	22°52	16° 3	23°30	6°57	6°37	24°41	n.a.	T 4
F 5	18 0 17	28°36'53	13°31	26°51	18° 1	10°38	20°12	7° 6	22°50	16° 2	23°28	6°55	6°33	24°48	n.a.	F 5
S 6	18 4 14	29°34'34	26°56	26° 4	19°15	11°16	20°22	7° 9	22°47	16° 0	23°27	6°55	6°30	24°54	n.a.	S 6
S 7	18 8 10	0♋32'15	10♎40	25°20	20°29	11°55	20°33	7°12	22°45	15°59	23°26	6°55	6°27	25° 1	n.a.	S 7
M 8	18 12 7	1°29'57	24°46	24°39	21°43	12°34	20°43	7°15	22°42	15°57	23°25	6°54	6°24	25° 8	n.a.	M 8
T 9	18 16 3	2°27'41	9♏12	24° 3	22°57	13°12	20°54	7°18	22°40	15°55	23°24	6°51	6°21	25°15	n.a.	T 9
W10	18 20 0	3°25'26	23°56	23°33	24°11	13°51	21° 5	7°20	22°38	15°54	23°23	6°46	6°18	25°21	n.a.	W10
T 11	18 23 56	4°23'13	8♐52	23° 8	25°25	14°30	21°15	7°23	22°35	15°52	23°22	6°39	6°14	25°28	n.a.	T 11
F 12	18 27 53	5°21'01	23°54	22°50	26°40	15° 9	21°26	7°26	22°33	15°51	23°21	6°29	6°11	25°35	n.a.	F 12
S 13	18 31 50	6°18'51	8♑50	22°39	27°54	15°48	21°37	7°28	22°31	15°49	23°20	6°18	6° 8	25°41	n.a.	S 13
S 14	18 35 46	7°16'43	23°33	22°D36	29° 8	16°28	21°48	7°30	22°28	15°47	23°19	6° 7	6° 5	25°48	n.a.	S 14
M15	18 39 43	8°14'36	7♒53	22°40	0♋22	17° 7	21°59	7°32	22°26	15°46	23°18	5°57	6° 2	25°55	n.a.	M15
T 16	18 43 39	9°12'31	21°47	22°52	1°37	17°46	22°10	7°34	22°24	15°44	23°17	5°49	5°58	26° 1	n.a.	T 16
W17	18 47 36	10°10'28	5♓13	23°12	2°51	18°25	22°21	7°36	22°22	15°42	23°16	5°44	5°55	26° 8	n.a.	W17
T 18	18 51 32	11° 8'27	18°11	23°40	4° 5	19° 5	22°32	7°38	22°19	15°41	23°15	5°42	5°52	26°15	n.a.	T 18
F 19	18 55 29	12° 6'28	0♈46	24°16	5°20	19°44	22°44	7°40	22°17	15°39	23°14	5°41	5°49	26°21	n.a.	F 19
S 20	18 59 25	13° 4'31	13° 1	25° 0	6°34	20°24	22°55	7°42	22°15	15°38	23°13	5°41	5°46	26°28	n.a.	S 20
S 21	19 3 22	14° 2'36	25° 2	25°51	7°48	21° 4	23° 7	7°43	22°13	15°36	23°13	5°40	5°43	26°35	n.a.	S 21
M22	19 7 19	15° 0'43	6♉55	26°50	9° 3	21°43	23°18	7°45	22°11	15°34	23°12	5°39	5°39	26°42	n.a.	M22
T 23	19 11 15	15°58'53	18°44	27°55	10°17	22°23	23°30	7°46	22° 9	15°33	23°11	5°35	5°36	26°48	n.a.	T 23
W24	19 15 12	16°57'04	0♊34	29° 7	11°32	23° 3	23°41	7°47	22° 6	15°31	23°10	5°28	5°33	26°55	n.a.	W24
T 25	19 19 8	17°55'18	12°29	0♋25	12°47	23°43	23°53	7°48	22° 4	15°29	23°10	5°19	5°30	27° 2	n.a.	T 25
F 26	19 23 5	18°53'34	24°32	1°49	14° 1	24°23	24° 5	7°49	22° 2	15°28	23° 9	5° 7	5°27	27° 8	n.a.	F 26
S 27	19 27 1	19°51'52	6♋44	3°17	15°16	25° 3	24°17	7°50	22° 0	15°26	23° 8	4°54	5°24	27°15	n.a.	S 27
S 28	19 30 58	20°50'12	19° 8	4°51	16°30	25°43	24°29	7°51	21°58	15°24	23° 8	4°41	5°20	27°22	n.a.	S 28
M29	19 34 54	21°48'34	1♌42	6°28	17°45	26°23	24°41	7°52	21°56	15°23	23° 7	4°29	5°17	27°28	n.a.	M29
T 30	19 38 51	22°46'58	14°28	8° 9	19° 0	27° 3	24°53	7°52	21°54	15°21	23° 6	4°19	5°14	27°35	n.a.	T 30
W31	19 42 48	23♋45'23	27♌25	9♋53	20♋14	27♌43	25♌ 5	7♈53	21♐52	15♑19	23♏ 6	4♎11	5♎11	27♉42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23n45	17n11	4s51	19n19	4s33	23n 2	0n15	19n34	1n 2	16n30	1n21	0n28	2s32	24s 3	0s22	23s17	0s25	16s 0	3n 5	2s58		2s44		15n30			n.a.
T 2	23 47	15 4	4 27	19 17	4 35	23 13	0 18	19 24	1 2	16 27	1 21	0 29	2 32	24 2	0 22	23 17	0 25	16 0	3 5	2 54		2 43		15 31			n.a.
W 3	23 49	12 13	3 50	19 16	4 35	23 24	0 20	19 13	1 1	16 24	1 21	0 30	2 32	24 2	0 22	23 18	0 25	16 0	3 5	2 50		2 41		15 32			n.a.
T 4	23 50	8 43	3 0	19 17	4 33	23 34	0 23	19 1	1 0	16 20	1 21	0 31	2 33	24 2	0 22	23 18	0 25	16 0	3 5	2 49		2 40		15 34			n.a.
F 5	23 51	4 45	2 0	19 20	4 30	23 43	0 25	18 50	1 0	16 17	1 21	0 32	2 33	24 2	0 22	23 18	0 25	16 0	3 5	2 48		2 39		15 35			n.a.
S 6	23 52	0 26	0 53	19 24	4 24	23 52	0 27	18 39	0 59	16 13	1 21	0 33	2 33	24 2	0 22	23 18	0 25	15 59	3 4	2 47		2 38		15 36			n.a.
S 7	23 52	4s 0	0n20	19 30	4 17	24 0	0 29	18 27	0 58	16 10	1 20	0 34	2 33	24 2	0 22	23 18	0 25	15 59	3 4	2 47		2 36		15 37			n.a.
M 8	23 51	8 19	1 33	19 37	4 8	24 7	0 32	18 15	0 58	16 6	1 20	0 35	2 34	24 2	0 22	23 19	0 25	15 59	3 4	2 47		2 35		15 38			n.a.
T 9	23 50	12 16	2 42	19 46	3 58	24 14	0 34	18 4	0 57	16 3	1 20	0 36	2 34	24 2	0 22	23 19	0 25	15 59	3 4	2 46		2 34		15 39			n.a.
W10	23 49	15 31	3 41	19 57	3 46	24 20	0 36	17 52	0 56	15 59	1 20	0 37	2 34	24 1	0 22	23 19	0 25	15 59	3 4	2 44		2 32		15 40			n.a.
T 11	23 47	17 47	4 26	20 9	3 33	24 25	0 38	17 39	0 56	15 55	1 20	0 37	2 34	24 1	0 22	23 19	0 25	15 59	3 4	2 41		2 31		15 41			n.a.
F 12	23 45	18 50	4 53	20 22	3 18	24 29	0 40	17 27	0 55	15 52	1 20	0 38	2 35	24 1	0 22	23 19	0 25	15 59	3 4	2 37		2 30		15 42			n.a.
S 13	23 42	18 34	5 0	20 36	3 3	24 33	0 42	17 15	0 55	15 48	1 20	0 39	2 35	24 1	0 22	23 20	0 25	15 59	3 3	2 32		2 29		15 43			n.a.
S 14	23 39	17 3	4 47	20 52	2 47	24 36	0 44	17 2	0 54	15 44	1 19	0 39	2 35	24 1	0 22	23 20	0 25	15 59	3 3	2 28		2 27		15 44			n.a.
M15	23 36	14 30	4 16	21 9	2 31	24 38	0 46	16 49	0 53	15 41	1 19	0 40	2 36	24 1	0 22	23 20	0 25	15 59	3 3	2 24		2 26		15 45			n.a.
T 16	23 32	11 11	3 30	21 26	2 14	24 39	0 48	16 37	0 53	15 37	1 19	0 41	2 36	24 1	0 22	23 20	0 25	15 58	3 3	2 21		2 25		15 46			n.a.
W17	23 28	7 23	2 34	21 44	1 57	24 40	0 50	16 24	0 52	15 33	1 19	0 41	2 36	24 0	0 22	23 20	0 25	15 58	3 3	2 19		2 24		15 47			n.a.
T 18	23 23	3 21	1 31	22 2	1 40	24 40	0 52	16 11	0 51	15 29	1 19	0 42	2 36	24 0	0 22	23 21	0 26	15 58	3 2	2 18		2 22		15 48			n.a.
F 19	23 18	0n42	0 26	22 21	1 23	24 39	0 54	15 57	0 51	15 25	1 19	0 42	2 37	24 0	0 22	23 21	0 26	15 58	3 2	2 18		2 21		15 49			n.a.
S 20	23 12	4 38	0s39	22 39	1 7	24 37	0 56	15 44	0 50	15 21	1 19	0 43	2 37	24 0	0 22	23 21	0 26	15 58	3 2	2 18		2 20		15 50			n.a.
S 21	23 6	8 18	1 41	22 57	0 51	24 35	0 58	15 30	0 49	15 17	1 19	0 43	2 37	24 0	0 22	23 21	0 26	15 58	3 2	2 18		2 18		15 51			n.a.
M22	23 0	11 35	2 37	23 15	0 35	24 32	0 59	15 17	0 49	15 13	1 19	0 43	2 37	24 0	0 22	23 22	0 26	15 58	3 2	2 17		2 17		15 52			n.a.
T 23	22 53	14 23	3 27	23 31	0 20	24 28	1 1	15 3	0 48	15 9	1 18	0 43	2 38	24 0	0 22	23 22	0 26	15 58	3 2	2 15		2 16		15 53			n.a.
W24	22 46	16 36	4 8	23 47	0 5	24 23	1 2	14 49	0 47	15 5	1 18	0 44	2 38	24 0	0 22	23 22	0 26	15 58	3 1	2 13		2 15		15 54			n.a.
T 25	22 38	18 6	4 38	24 1	0n 9	24 18	1 4	14 35	0 47	15 1	1 18	0 44	2 38	23 59	0 22	23 22	0 26	15 58	3 1	2 9		2 13		15 55			n.a.
F 26	22 30	18 49	4 56	24 13	0 22	24 12	1 6	14 21	0 46	14 57	1 18	0 44	2 39	23 59	0 22	23 22	0 26	15 58	3 1	2 4		2 12		15 56			n.a.
S 27	22 22	18 41	5 1	24 23	0 34	24 5	1 7	14 7	0 45	14 53	1 18	0 44	2 39	23 59	0 22	23 23	0 26	15 58	3 1	1 59		2 11		15 57			n.a.
S 28	22 13	17 39	4 52	24 32	0 45	23 57	1 8	13 52	0 45	14 49	1 18	0 44	2 39	23 59	0 22	23 23	0 26	15 58	3 1	1 54		2 9		15 58			n.a.
M29	22 4	15 46	4 28	24 38	0 56	23 49	1 10	13 38	0 44	14 45	1 18	0 44	2 39	23 59	0 22	23 23	0 26	15 58	3 1	1 49		2 8		15 59			n.a.
T 30	21 54	13 6	3 51	24 41	1 5	23 40	1 11	13 23	0 43	14 41	1 18	0 44	2 40	23 59	0 22	23 23	0 26	15 58	3 0	1 45		2 7		16 0			n.a.
W31	21n44	9n45	3s 2	24n42	1n13	23n30	1n12	13n 9	0n43	14n36	1n18	0n44	2s40	23s59	0s22	23s23	0s26	15s58	3n 0	1s42		2s 6		16n 1			n.a.

Julian Day Number = 1192722.5, Delta T = 09h30m32s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'52, Lahiri = -23°55'51 Julian Calendar 1 July 1448 BCE == Greg. Calendar 18 June 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

AUGUST 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 46 44	24♋43'51	10♍33	11♋39	21♋29	28♌24	25♌17	7♈53	21°R50	15°R18	23°R 5	4°R 7	5♎ 8	27♉48	n.a.	T 1
F 2	19 50 41	25°42'20	23°53	13°28	22°44	29° 4	25°29	7°53	21♐49	15♑16	23♏ 5	4♎ 4	5° 4	27°55	n.a.	F 2
S 3	19 54 37	26°40'51	7♎25	15°18	23°59	29°45	25°41	7°R53	21°47	15°15	23° 4	4°D 4	5° 1	28° 2	n.a.	S 3
S 4	19 58 34	27°39'24	21°10	17° 9	25°14	0♍25	25°53	7°53	21°45	15°13	23° 4	4°R 4	4°58	28° 9	n.a.	S 4
M 5	20 2 30	28°37'59	5♏ 9	19° 1	26°28	1° 6	26° 6	7°53	21°43	15°11	23° 4	4° 4	4°55	28°15	n.a.	M 5
T 6	20 6 27	29°36'35	19°21	20°54	27°43	1°47	26°18	7°53	21°41	15°10	23° 3	4° 3	4°52	28°22	n.a.	T 6
W 7	20 10 23	0♌35'13	3♐46	22°47	28°58	2°27	26°30	7°53	21°40	15° 8	23° 3	3°59	4°49	28°29	n.a.	W 7
T 8	20 14 20	1°33'54	18°20	24°40	0♌13	3° 8	26°43	7°52	21°38	15° 7	23° 2	3°53	4°45	28°35	n.a.	T 8
F 9	20 18 16	2°32'36	2♑57	26°33	1°28	3°49	26°55	7°52	21°36	15° 5	23° 2	3°45	4°42	28°42	n.a.	F 9
S 10	20 22 13	3°31'20	17°32	28°26	2°43	4°30	27° 8	7°51	21°35	15° 4	23° 2	3°35	4°39	28°49	n.a.	S 10
S 11	20 26 10	4°30'06	1♒55	0♌18	3°58	5°11	27°20	7°50	21°33	15° 2	23° 2	3°26	4°36	28°55	n.a.	S 11
M12	20 30 6	5°28'54	16° 3	2°10	5°13	5°52	27°33	7°49	21°32	15° 1	23° 1	3°17	4°33	29° 2	n.a.	M12
T 13	20 34 3	6°27'45	29°48	4° 1	6°28	6°33	27°46	7°48	21°30	14°59	23° 1	3°11	4°29	29° 9	n.a.	T 13
W14	20 37 59	7°26'37	13♓10	5°52	7°43	7°14	27°58	7°47	21°29	14°58	23° 1	3° 7	4°26	29°16	n.a.	W14
T 15	20 41 56	8°25'32	26° 8	7°41	8°58	7°55	28°11	7°46	21°27	14°56	23° 1	3° 5	4°23	29°22	n.a.	T 15
F 16	20 45 52	9°24'30	8♈43	9°30	10°13	8°37	28°24	7°45	21°26	14°55	23° 1	3°D 5	4°20	29°29	n.a.	F 16
S 17	20 49 49	10°23'29	21° 1	11°18	11°28	9°18	28°36	7°43	21°25	14°53	23° 1	3° 6	4°17	29°36	n.a.	S 17
S 18	20 53 45	11°22'32	3♉ 4	13° 5	12°43	10° 0	28°49	7°42	21°24	14°52	23°D 1	3° 7	4°14	29°42	n.a.	S 18
M19	20 57 42	12°21'36	14°58	14°51	13°58	10°41	29° 2	7°40	21°22	14°50	23° 1	3°R 7	4°10	29°49	n.a.	M19
T 20	21 1 38	13°20'43	26°49	16°36	15°13	11°23	29°15	7°38	21°21	14°49	23° 1	3° 6	4° 7	29°56	n.a.	T 20
W21	21 5 35	14°19'53	8♊41	18°21	16°28	12° 4	29°28	7°36	21°20	14°47	23° 1	3° 3	4° 4	0♊ 2	n.a.	W21
T 22	21 9 32	15°19'05	20°39	20° 4	17°43	12°46	29°41	7°34	21°19	14°46	23° 1	2°58	4° 1	0° 9	n.a.	T 22
F 23	21 13 28	16°18'20	2♋47	21°47	18°58	13°28	29°54	7°32	21°18	14°45	23° 1	2°51	3°58	0°16	n.a.	F 23
S 24	21 17 25	17°17'37	15° 7	23°29	20°13	14°10	0♍ 7	7°30	21°17	14°43	23° 1	2°43	3°55	0°23	n.a.	S 24
S 25	21 21 21	18°16'56	27°42	25°10	21°28	14°52	0°20	7°28	21°16	14°42	23° 1	2°34	3°51	0°29	n.a.	S 25
M26	21 25 18	19°16'18	10♌33	26°50	22°44	15°33	0°33	7°26	21°15	14°41	23° 2	2°26	3°48	0°36	n.a.	M26
T 27	21 29 14	20°15'42	23°38	28°29	23°59	16°16	0°46	7°23	21°14	14°40	23° 2	2°20	3°45	0°43	n.a.	T 27
W28	21 33 11	21°15'07	6♍58	0♍ 8	25°14	16°58	0°59	7°20	21°13	14°38	23° 2	2°15	3°42	0°49	n.a.	W28
T 29	21 37 7	22°14'36	20°29	1°46	26°29	17°40	1°12	7°18	21°12	14°37	23° 3	2°13	3°39	0°56	n.a.	T 29
F 30	21 41 4	23°14'06	4♎11	3°23	27°44	18°22	1°25	7°15	21°12	14°36	23° 3	2°D12	3°35	1° 3	n.a.	F 30
S 31	21 45 1	24♌13'38	18♎ 2	4♍59	29♌ 0	19♍ 4	1♍38	7♈12	21♐11	14♑35	23♏ 3	2♎13	3♎32	1♊ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n33	5n52	2s 2	24n41	1n21	23n19	1n13	12n54	0n42	14n32	1n18	0n44	2s40	23s59	0s22	23s24	0s26	15s58	3n 0	1s40	2s 4	16n 2			n.a.
F 2	21 23	1 39	0 54	24 37	1 27	23 8	1 15	12 39	0 41	14 28	1 17	0 44	2 41	23 58	0 22	23 24	0 26	15 58	3 0	1 39	2 3	16 3			n.a.
S 3	21 11	2s43	0n18	24 31	1 33	22 56	1 16	12 24	0 41	14 24	1 17	0 44	2 41	23 58	0 22	23 24	0 26	15 58	3 0	1 39	2 2	16 4			n.a.
S 4	21 0	7 1	1 30	24 21	1 38	22 43	1 17	12 9	0 40	14 19	1 17	0 43	2 41	23 58	0 22	23 24	0 26	15 58	2 59	1 39	2 0	16 5			n.a.
M 5	20 48	11 0	2 38	24 10	1 42	22 30	1 18	11 53	0 39	14 15	1 17	0 43	2 41	23 58	0 22	23 24	0 26	15 59	2 59	1 39	1 59	16 6			n.a.
T 6	20 36	14 24	3 37	23 56	1 45	22 16	1 19	11 38	0 39	14 11	1 17	0 43	2 42	23 58	0 22	23 25	0 26	15 59	2 59	1 38	1 58	16 7			n.a.
W 7	20 23	16 58	4 23	23 39	1 47	22 1	1 19	11 22	0 38	14 6	1 17	0 42	2 42	23 58	0 22	23 25	0 26	15 59	2 59	1 37	1 57	16 8			n.a.
T 8	20 10	18 28	4 53	23 21	1 49	21 46	1 20	11 7	0 37	14 2	1 17	0 42	2 42	23 58	0 22	23 25	0 26	15 59	2 59	1 34	1 55	16 9			n.a.
F 9	19 56	18 46	5 4	23 0	1 49	21 30	1 21	10 51	0 37	13 57	1 17	0 41	2 42	23 58	0 22	23 25	0 26	15 59	2 58	1 31	1 54	16 10			n.a.
S 10	19 43	17 49	4 55	22 38	1 50	21 13	1 21	10 35	0 36	13 53	1 17	0 41	2 43	23 58	0 22	23 25	0 26	15 59	2 58	1 27	1 53	16 11			n.a.
S 11	19 28	15 44	4 28	22 13	1 49	20 56	1 22	10 19	0 35	13 49	1 17	0 40	2 43	23 57	0 22	23 25	0 26	15 59	2 58	1 23	1 51	16 11			n.a.
M12	19 14	12 45	3 44	21 47	1 48	20 38	1 23	10 4	0 35	13 44	1 17	0 40	2 43	23 57	0 22	23 26	0 26	15 59	2 58	1 20	1 50	16 12			n.a.
T 13	18 59	9 7	2 48	21 19	1 47	20 20	1 23	9 47	0 34	13 40	1 17	0 39	2 44	23 57	0 22	23 26	0 26	15 59	2 58	1 17	1 49	16 13			n.a.
W14	18 44	5 7	1 45	20 50	1 45	20 0	1 23	9 31	0 33	13 35	1 17	0 38	2 44	23 57	0 22	23 26	0 26	16 0	2 58	1 15	1 48	16 14			n.a.
T 15	18 29	1 0	0 37	20 19	1 42	19 41	1 24	9 15	0 33	13 30	1 17	0 38	2 44	23 57	0 22	23 26	0 26	16 0	2 57	1 15	1 46	16 15			n.a.
F 16	18 13	3n 3	0s30	19 47	1 39	19 20	1 24	8 59	0 32	13 26	1 16	0 37	2 44	23 57	0 22	23 26	0 26	16 0	2 57	1 15	1 45	16 16			n.a.
S 17	17 57	6 53	1 35	19 13	1 36	19 0	1 24	8 42	0 31	13 21	1 16	0 36	2 45	23 57	0 22	23 27	0 26	16 0	2 57	1 15	1 44	16 17			n.a.
S 18	17 40	10 20	2 34	18 39	1 32	18 38	1 24	8 26	0 31	13 17	1 16	0 35	2 45	23 57	0 22	23 27	0 26	16 0	2 57	1 15	1 43	16 18			n.a.
M19	17 24	13 20	3 26	18 4	1 28	18 16	1 24	8 9	0 30	13 12	1 16	0 34	2 45	23 57	0 22	23 27	0 26	16 0	2 57	1 16	1 41	16 19			n.a.
T 20	17 7	15 45	4 9	17 28	1 23	17 54	1 24	7 52	0 29	13 8	1 16	0 33	2 45	23 57	0 22	23 27	0 26	16 1	2 56	1 15	1 40	16 20			n.a.
W21	16 49	17 31	4 41	16 51	1 19	17 31	1 24	7 36	0 29	13 3	1 16	0 33	2 46	23 57	0 22	23 27	0 26	16 1	2 56	1 14	1 39	16 21			n.a.
T 22	16 32	18 31	5 1	16 13	1 14	17 8	1 24	7 19	0 28	12 58	1 16	0 32	2 46	23 56	0 22	23 27	0 26	16 1	2 56	1 12	1 37	16 22			n.a.
F 23	16 14	18 42	5 8	15 34	1 9	16 44	1 24	7 2	0 27	12 54	1 16	0 30	2 46	23 56	0 22	23 28	0 26	16 1	2 56	1 9	1 36	16 23			n.a.
S 24	15 55	18 0	5 1	14 55	1 3	16 19	1 24	6 45	0 27	12 49	1 16	0 29	2 46	23 56	0 22	23 28	0 26	16 1	2 56	1 6	1 35	16 24			n.a.
S 25	15 37	16 26	4 39	14 16	0 57	15 54	1 23	6 28	0 26	12 44	1 16	0 28	2 46	23 56	0 22	23 28	0 26	16 2	2 55	1 2	1 34	16 24			n.a.
M26	15 18	14 0	4 3	13 36	0 52	15 29	1 23	6 11	0 25	12 39	1 16	0 27	2 47	23 56	0 22	23 28	0 26	16 2	2 55	0 59	1 32	16 25			n.a.
T 27	14 59	10 50	3 14	12 55	0 46	15 3	1 23	5 54	0 25	12 35	1 16	0 26	2 47	23 56	0 22	23 28	0 26	16 2	2 55	0 57	1 31	16 26			n.a.
W28	14 40	7 4	2 13	12 14	0 39	14 37	1 22	5 36	0 24	12 30	1 16	0 25	2 47	23 56	0 22	23 28	0 26	16 2	2 55	0 55	1 30	16 27			n.a.
T 29	14 20	2 52	1 3	11 33	0 33	14 11	1 22	5 19	0 23	12 25	1 16	0 23	2 47	23 56	0 22	23 28	0 26	16 3	2 55	0 54	1 28	16 28			n.a.
F 30	14 1	1s32	0n11	10 51	0 27	13 44	1 21	5 2	0 23	12 20	1 16	0 22	2 48	23 56	0 22	23 29	0 26	16 3	2 54	0 54	1 27	16 29			n.a.
S 31	13n41	5s53	1n25	10n10	0n20	13n17	1n20	4n44	0n22	12n16	1n16	0n21	2s48	23s56	0s22	23s29	0s26	16s 3	2n54	0s54	1s26	16n30			n.a.

Julian Day Number = 1192753.5, Delta T = 09h30m30s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'48, Lahiri = -23°55'47 Julian Calendar 1 Aug. 1448 BCE == Greg. Calendar 19 July 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

SEPTEMBER 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 48 57	25♌13'12	2♏ 0	6♍34	0♍15	19♍47	1♍51	7°R 9	21°R10	14°R33	23♏ 4	2♎15	3♎29	1♊16	n.a.	S 1
M 2	21 52 54	26°12'48	16° 5	8° 9	1°30	20°29	2° 4	7♈ 6	21♐10	14♑32	23° 4	2°16	3°26	1°23	n.a.	M 2
T 3	21 56 50	27°12'25	0♐14	9°43	2°45	21°12	2°17	7° 3	21° 9	14°31	23° 5	2°R16	3°23	1°30	n.a.	T 3
W 4	22 0 47	28°12'05	14°26	11°17	4° 1	21°54	2°31	7° 0	21° 9	14°30	23° 5	2°15	3°20	1°36	n.a.	W 4
T 5	22 4 43	29°11'47	28°39	12°49	5°16	22°37	2°44	6°57	21° 8	14°29	23° 6	2°12	3°16	1°43	n.a.	T 5
F 6	22 8 40	0♍11'30	12♑51	14°21	6°31	23°19	2°57	6°53	21° 8	14°28	23° 6	2° 9	3°13	1°50	n.a.	F 6
S 7	22 12 36	1°11'16	26°56	15°53	7°46	24° 2	3°10	6°50	21° 7	14°27	23° 7	2° 4	3°10	1°56	n.a.	S 7
S 8	22 16 33	2°11'03	10♒52	17°24	9° 1	24°45	3°23	6°46	21° 7	14°26	23° 7	1°59	3° 7	2° 3	n.a.	S 8
M 9	22 20 29	3°10'52	24°35	18°54	10°17	25°28	3°36	6°42	21° 7	14°25	23° 8	1°55	3° 4	2°10	n.a.	M 9
T 10	22 24 26	4°10'44	8♓ 2	20°23	11°32	26°11	3°50	6°39	21° 7	14°24	23° 9	1°52	3° 1	2°16	n.a.	T 10
W11	22 28 23	5°10'37	21°10	21°52	12°47	26°53	4° 3	6°35	21° 7	14°23	23° 9	1°50	2°57	2°23	n.a.	W11
T 12	22 32 19	6°10'33	4♈ 0	23°20	14° 2	27°36	4°16	6°31	21° 6	14°22	23°10	1°D49	2°54	2°30	n.a.	T 12
F 13	22 36 16	7°10'31	16°32	24°47	15°18	28°20	4°29	6°27	21°D 6	14°22	23°11	1°50	2°51	2°37	n.a.	F 13
S 14	22 40 12	8°10'31	28°48	26°14	16°33	29° 3	4°42	6°23	21° 6	14°21	23°12	1°52	2°48	2°43	n.a.	S 14
S 15	22 44 9	9°10'33	10♉52	27°39	17°48	29°46	4°55	6°19	21° 6	14°20	23°13	1°53	2°45	2°50	n.a.	S 15
M16	22 48 5	10°10'38	22°47	29° 5	19° 4	0♎29	5° 9	6°15	21° 7	14°19	23°13	1°55	2°41	2°57	n.a.	M16
T 17	22 52 2	11°10'45	4♊39	0♎29	20°19	1°12	5°22	6°11	21° 7	14°18	23°14	1°56	2°38	3° 3	n.a.	T 17
W18	22 55 58	12°10'54	16°32	1°53	21°34	1°56	5°35	6° 6	21° 7	14°18	23°15	1°R56	2°35	3°10	n.a.	W18
T 19	22 59 55	13°11'06	28°30	3°15	22°49	2°39	5°48	6° 2	21° 7	14°17	23°16	1°55	2°32	3°17	n.a.	T 19
F 20	23 3 51	14°11'19	10♋39	4°37	24° 5	3°23	6° 1	5°58	21° 7	14°16	23°17	1°54	2°29	3°24	n.a.	F 20
S 21	23 7 48	15°11'35	23° 2	5°58	25°20	4° 6	6°14	5°53	21° 8	14°16	23°18	1°51	2°26	3°30	n.a.	S 21
S 22	23 11 45	16°11'53	5♌42	7°18	26°35	4°50	6°27	5°49	21° 8	14°15	23°19	1°49	2°22	3°37	n.a.	S 22
M23	23 15 41	17°12'14	18°43	8°36	27°50	5°34	6°41	5°44	21° 9	14°15	23°20	1°47	2°19	3°44	n.a.	M23
T 24	23 19 38	18°12'36	2♍ 4	9°53	29° 6	6°17	6°54	5°40	21° 9	14°14	23°21	1°45	2°16	3°50	n.a.	T 24
W25	23 23 34	19°13'00	15°44	11° 9	0♎21	7° 1	7° 7	5°35	21°10	14°14	23°22	1°44	2°13	3°57	n.a.	W25
T 26	23 27 31	20°13'26	29°41	12°23	1°36	7°45	7°20	5°30	21°10	14°13	23°24	1°D43	2°10	4° 4	n.a.	T 26
F 27	23 31 27	21°13'54	13♎51	13°36	2°52	8°29	7°33	5°25	21°11	14°13	23°25	1°44	2° 6	4°10	n.a.	F 27
S 28	23 35 24	22°14'23	28°10	14°47	4° 7	9°13	7°46	5°21	21°12	14°12	23°26	1°44	2° 3	4°17	n.a.	S 28
S 29	23 39 20	23°14'54	12♏33	15°55	5°22	9°57	7°59	5°16	21°13	14°12	23°27	1°45	2° 0	4°24	n.a.	S 29
M30	23 43 17	24♍15'27	26♏56	17♎ 1	6♎37	10♎41	8♍12	5♈11	21♐13	14♑12	23♏28	1♎46	1♎57	4♊31	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n21	9s57	2n35	9n28	0n14	12n49	1n19	4n27	0n21	12n11	1n16	0n19	2s48	23s56	0s22	23s29	0s26	16s 4	2n54	0s54	1s25	16n31		n.a.
M 2	13 0	13 29	3 36	8 46	0 7	12 21	1 19	4 9	0 21	12 6	1 16	0 18	2 48	23 56	0 22	23 29	0 26	16 4	2 54	0 55	1 23	16 32		n.a.
T 3	12 39	16 15	4 25	8 4	0 0	11 53	1 18	3 51	0 20	12 1	1 16	0 17	2 48	23 56	0 22	23 29	0 26	16 4	2 54	0 55	1 22	16 33		n.a.
W 4	12 18	18 1	4 57	7 21	0s 7	11 24	1 17	3 34	0 19	11 56	1 16	0 15	2 49	23 56	0 22	23 29	0 26	16 4	2 54	0 55	1 21	16 33		n.a.
T 5	11 57	18 40	5 12	6 39	0 14	10 55	1 16	3 16	0 19	11 52	1 16	0 14	2 49	23 56	0 22	23 29	0 26	16 5	2 53	0 54	1 19	16 34		n.a.
F 6	11 36	18 8	5 7	5 57	0 21	10 26	1 15	2 58	0 18	11 47	1 16	0 12	2 49	23 56	0 22	23 29	0 26	16 5	2 53	0 52	1 18	16 35		n.a.
S 7	11 15	16 30	4 43	5 15	0 27	9 56	1 14	2 40	0 17	11 42	1 16	0 10	2 49	23 56	0 22	23 30	0 26	16 5	2 53	0 50	1 17	16 36		n.a.
S 8	10 53	13 55	4 4	4 32	0 34	9 26	1 12	2 22	0 17	11 37	1 16	0 9	2 49	23 55	0 22	23 30	0 26	16 6	2 53	0 48	1 16	16 37		n.a.
M 9	10 31	10 35	3 10	3 50	0 41	8 56	1 11	2 5	0 16	11 32	1 16	0 7	2 50	23 55	0 22	23 30	0 26	16 6	2 53	0 46	1 14	16 38		n.a.
T 10	10 9	6 45	2 7	3 8	0 48	8 26	1 10	1 47	0 15	11 27	1 16	0 6	2 50	23 55	0 22	23 30	0 26	16 6	2 52	0 45	1 13	16 39		n.a.
W11	9 47	2 40	0 58	2 27	0 55	7 56	1 9	1 29	0 14	11 22	1 16	0 4	2 50	23 55	0 22	23 30	0 26	16 7	2 52	0 44	1 12	16 40		n.a.
T 12	9 24	1n26	0s12	1 45	1 2	7 25	1 7	1 11	0 14	11 18	1 16	0 2	2 50	23 55	0 22	23 30	0 26	16 7	2 52	0 44	1 10	16 40		n.a.
F 13	9 2	5 23	1 20	1 4	1 9	6 54	1 6	0 53	0 13	11 13	1 16	0 1	2 50	23 55	0 22	23 30	0 26	16 8	2 52	0 45	1 9	16 41		n.a.
S 14	8 39	9 1	2 23	0 22	1 15	6 23	1 4	0 35	0 12	11 8	1 16	0s 1	2 50	23 55	0 22	23 30	0 26	16 8	2 52	0 45	1 8	16 42		n.a.
S 15	8 16	12 12	3 19	0s18	1 22	5 52	1 3	0 16	0 12	11 3	1 16	0 3	2 50	23 55	0 22	23 30	0 26	16 8	2 51	0 46	1 7	16 43		n.a.
M16	7 53	14 51	4 5	0 59	1 29	5 20	1 1	0s 2	0 11	10 58	1 16	0 5	2 51	23 55	0 22	23 30	0 26	16 9	2 51	0 46	1 5	16 44		n.a.
T 17	7 30	16 51	4 41	1 39	1 35	4 49	0 59	0 20	0 10	10 53	1 16	0 7	2 51	23 55	0 22	23 30	0 26	16 9	2 51	0 47	1 4	16 45		n.a.
W18	7 7	18 7	5 4	2 18	1 41	4 17	0 58	0 38	0 10	10 48	1 16	0 8	2 51	23 55	0 22	23 31	0 26	16 10	2 51	0 47	1 3	16 46		n.a.
T 19	6 43	18 36	5 15	2 57	1 48	3 45	0 56	0 56	0 9	10 43	1 16	0 10	2 51	23 55	0 22	23 31	0 26	16 10	2 51	0 47	1 1	16 46		n.a.
F 20	6 20	18 15	5 12	3 36	1 54	3 13	0 54	1 14	0 8	10 38	1 16	0 12	2 51	23 55	0 22	23 31	0 26	16 10	2 51	0 46	1 0	16 47		n.a.
S 21	5 56	17 1	4 55	4 14	1 59	2 41	0 52	1 33	0 8	10 33	1 16	0 14	2 51	23 55	0 22	23 31	0 26	16 11	2 50	0 45	0 59	16 48		n.a.
S 22	5 32	14 56	4 22	4 51	2 5	2 9	0 50	1 51	0 7	10 29	1 16	0 16	2 51	23 55	0 22	23 31	0 26	16 11	2 50	0 44	0 58	16 49		n.a.
M23	5 8	12 4	3 36	5 28	2 10	1 37	0 48	2 9	0 6	10 24	1 16	0 18	2 51	23 55	0 22	23 31	0 26	16 12	2 50	0 43	0 56	16 50		n.a.
T 24	4 44	8 29	2 37	6 3	2 15	1 4	0 46	2 27	0 6	10 19	1 16	0 20	2 51	23 55	0 22	23 31	0 26	16 12	2 50	0 42	0 55	16 51		n.a.
W25	4 20	4 23	1 27	6 38	2 20	0 32	0 44	2 46	0 5	10 14	1 16	0 22	2 52	23 55	0 22	23 31	0 26	16 13	2 50	0 42	0 54	16 52		n.a.
T 26	3 56	0s 3	0 11	7 12	2 25	0s 0	0 42	3 4	0 4	10 9	1 16	0 24	2 52	23 56	0 22	23 31	0 26	16 13	2 49	0 42	0 52	16 52		n.a.
F 27	3 32	4 32	1n 7	7 44	2 29	0 33	0 40	3 22	0 4	10 4	1 16	0 26	2 52	23 56	0 22	23 31	0 26	16 14	2 49	0 42	0 51	16 53		n.a.
S 28	3 8	8 49	2 21	8 16	2 33	1 5	0 38	3 40	0 3	9 59	1 16	0 28	2 52	23 56	0 22	23 31	0 26	16 14	2 49	0 42	0 50	16 54		n.a.
S 29	2 44	12 35	3 28	8 46	2 36	1 37	0 36	3 59	0 2	9 54	1 17	0 30	2 52	23 56	0 22	23 31	0 26	16 14	2 49	0 42	0 49	16 55		n.a.
M30	2n19	15s35	4n21	9s15	2s39	2s 9	0n34	4s17	0n 1	9n49	1n17	0s32	2s52	23s56	0s22	23s31	0s26	16s15	2n49	0s43	0s47	16n56		n.a.

Julian Day Number = 1192784.5, Delta T = 09h30m28s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'43, Lahiri = -23°55'43 Julian Calendar 1 Sept. 1448 BCE == Greg. Calendar 19 Aug. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

OCTOBER 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 47 13	25♍16'01	11♐15	18♎ 5	7♎53	11♎25	8♍25	5°R 6	21♐14	14°R11	23♏30	1♎46	1♎54	4♊37	n.a.	T 1
W 2	23 51 10	26°16'37	25°27	19° 5	9° 8	12°10	8°38	5♈ 1	21°15	14♑11	23°31	1°R46	1°51	4°44	n.a.	W 2
T 3	23 55 7	27°17'14	9♑30	20° 2	10°23	12°54	8°50	4°56	21°16	14°11	23°32	1°46	1°47	4°51	n.a.	T 3
F 4	23 59 3	28°17'52	23°23	20°55	11°38	13°38	9° 3	4°52	21°17	14°11	23°34	1°46	1°44	4°57	n.a.	F 4
S 5	0 3 0	29°18'32	7♒ 3	21°44	12°54	14°22	9°16	4°47	21°18	14°11	23°35	1°46	1°41	5° 4	n.a.	S 5
S 6	0 6 56	0♎19'13	20°32	22°28	14° 9	15° 7	9°29	4°42	21°19	14°11	23°36	1°45	1°38	5°11	n.a.	S 6
M 7	0 10 53	1°19'55	3♓47	23° 6	15°24	15°51	9°42	4°37	21°21	14°10	23°38	1°D45	1°35	5°18	n.a.	M 7
T 8	0 14 49	2°20'39	16°49	23°39	16°39	16°36	9°54	4°32	21°22	14°10	23°39	1°45	1°32	5°24	n.a.	T 8
W 9	0 18 46	3°21'24	29°38	24° 4	17°54	17°20	10° 7	4°27	21°23	14°D10	23°41	1°R45	1°28	5°31	n.a.	W 9
T 10	0 22 42	4°22'11	12♈13	24°22	19°10	18° 5	10°20	4°22	21°24	14°10	23°42	1°45	1°25	5°38	n.a.	T 10
F 11	0 26 39	5°22'59	24°35	24°32	20°25	18°50	10°32	4°17	21°26	14°10	23°44	1°45	1°22	5°44	n.a.	F 11
S 12	0 30 36	6°23'49	6♉46	24°R32	21°40	19°35	10°45	4°12	21°27	14°11	23°45	1°45	1°19	5°51	n.a.	S 12
S 13	0 34 32	7°24'40	18°48	24°23	22°55	20°19	10°57	4° 7	21°29	14°11	23°47	1°44	1°16	5°58	n.a.	S 13
M14	0 38 29	8°25'33	0♊43	24° 4	24°10	21° 4	11°10	4° 2	21°30	14°11	23°48	1°43	1°12	6° 5	n.a.	M14
T 15	0 42 25	9°26'27	12°34	23°34	25°25	21°49	11°22	3°57	21°32	14°11	23°50	1°42	1° 9	6°11	n.a.	T 15
W16	0 46 22	10°27'23	24°26	22°53	26°40	22°34	11°34	3°52	21°33	14°11	23°52	1°41	1° 6	6°18	n.a.	W16
T 17	0 50 18	11°28'21	6♋22	22° 1	27°56	23°19	11°47	3°47	21°35	14°12	23°53	1°D41	1° 3	6°25	n.a.	T 17
F 18	0 54 15	12°29'20	18°28	21° 0	29°11	24° 4	11°59	3°42	21°37	14°12	23°55	1°41	1° 0	6°31	n.a.	F 18
S 19	0 58 11	13°30'21	0♌48	19°50	0♏26	24°49	12°11	3°37	21°38	14°12	23°57	1°41	0°57	6°38	n.a.	S 19
S 20	1 2 8	14°31'23	13°27	18°34	1°41	25°34	12°23	3°32	21°40	14°13	23°58	1°42	0°53	6°45	n.a.	S 20
M21	1 6 5	15°32'26	26°27	17°13	2°56	26°20	12°35	3°28	21°42	14°13	24° 0	1°44	0°50	6°51	n.a.	M21
T 22	1 10 1	16°33'31	9♍52	15°50	4°11	27° 5	12°48	3°23	21°44	14°13	24° 2	1°45	0°47	6°58	n.a.	T 22
W23	1 13 58	17°34'36	23°42	14°29	5°26	27°50	13° 0	3°18	21°46	14°14	24° 4	1°46	0°44	7° 5	n.a.	W23
T 24	1 17 54	18°35'43	7♎56	13°11	6°41	28°35	13°11	3°13	21°48	14°14	24° 5	1°R46	0°41	7°12	n.a.	T 24
F 25	1 21 51	19°36'51	22°30	12° 0	7°56	29°21	13°23	3° 9	21°50	14°15	24° 7	1°45	0°37	7°18	n.a.	F 25
S 26	1 25 47	20°38'01	7♏17	10°56	9°11	0♏ 6	13°35	3° 4	21°52	14°15	24° 9	1°43	0°34	7°25	n.a.	S 26
S 27	1 29 44	21°39'10	22° 9	10° 3	10°27	0°52	13°47	2°59	21°54	14°16	24°11	1°40	0°31	7°32	n.a.	S 27
M28	1 33 40	22°40'21	7♐ 0	9°21	11°42	1°37	13°59	2°55	21°56	14°17	24°13	1°37	0°28	7°38	n.a.	M28
T 29	1 37 37	23°41'33	21°41	8°50	12°57	2°23	14°10	2°50	21°58	14°17	24°15	1°35	0°25	7°45	n.a.	T 29
W30	1 41 34	24°42'44	6♑ 6	8°30	14°12	3° 9	14°22	2°46	22° 0	14°18	24°16	1°33	0°22	7°52	n.a.	W30
T 31	1 45 30	25♎43'57	20♑13	8°D21	15♏27	3♏54	14♍33	2♈42	22♐ 3	14♑19	24♏18	1°D32	0♎18	7♊59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n55	17s37	4n57	9s42	2s42	2s42	0n32	4s35	0n 1	9n44	1n17	0s34	2s52	23s56	0s22	23s31	0s26	16s15	2n49	0s43	0s46	16n56			n.a.
W 2	1 30	18 32	5 15	10 7	2 43	3 14	0 29	4 53	0 0	9 40	1 17	0 36	2 52	23 56	0 22	23 31	0 26	16 16	2 48	0 43	0 45	16 57			n.a.
T 3	1 6	18 17	5 14	10 30	2 45	3 46	0 27	5 11	0s 1	9 35	1 17	0 38	2 52	23 56	0 22	23 31	0 26	16 16	2 48	0 43	0 43	16 58			n.a.
F 4	0 41	16 57	4 55	10 51	2 45	4 18	0 25	5 29	0 1	9 30	1 17	0 39	2 52	23 56	0 22	23 31	0 26	16 17	2 48	0 43	0 42	16 59			n.a.
S 5	0 17	14 39	4 19	11 9	2 45	4 50	0 22	5 48	0 2	9 25	1 17	0 41	2 52	23 56	0 22	23 31	0 26	16 17	2 48	0 43	0 41	17 0			n.a.
S 6	0s 8	11 36	3 30	11 25	2 44	5 22	0 20	6 6	0 3	9 20	1 17	0 43	2 52	23 56	0 22	23 31	0 26	16 18	2 48	0 43	0 40	17 0			n.a.
M 7	0 32	7 59	2 29	11 37	2 41	5 54	0 18	6 24	0 3	9 15	1 17	0 45	2 52	23 56	0 22	23 31	0 26	16 18	2 48	0 43	0 38	17 1			n.a.
T 8	0 57	4 2	1 22	11 47	2 38	6 25	0 15	6 42	0 4	9 11	1 17	0 47	2 52	23 56	0 22	23 31	0 26	16 19	2 47	0 43	0 37	17 2			n.a.
W 9	1 21	0n 2	0 12	11 52	2 34	6 57	0 13	7 0	0 5	9 6	1 17	0 49	2 52	23 56	0 22	23 31	0 26	16 20	2 47	0 43	0 36	17 3			n.a.
T 10	1 46	4 2	0s58	11 54	2 28	7 28	0 10	7 18	0 5	9 1	1 17	0 51	2 52	23 56	0 22	23 31	0 26	16 20	2 47	0 43	0 34	17 4			n.a.
F 11	2 10	7 47	2 3	11 51	2 21	7 59	0 8	7 36	0 6	8 56	1 17	0 53	2 52	23 56	0 22	23 31	0 26	16 21	2 47	0 43	0 33	17 4			n.a.
S 12	2 35	11 9	3 2	11 43	2 12	8 30	0 6	7 54	0 7	8 51	1 17	0 55	2 52	23 56	0 22	23 31	0 26	16 21	2 47	0 42	0 32	17 5			n.a.
S 13	2 59	14 0	3 52	11 30	2 2	9 1	0 3	8 11	0 7	8 47	1 18	0 57	2 52	23 57	0 22	23 31	0 26	16 22	2 47	0 42	0 31	17 6			n.a.
M14	3 24	16 14	4 32	11 12	1 50	9 31	0 1	8 29	0 8	8 42	1 18	0 59	2 52	23 57	0 22	23 31	0 26	16 22	2 46	0 42	0 29	17 7			n.a.
T 15	3 48	17 45	5 0	10 48	1 37	10 2	0s 2	8 47	0 9	8 37	1 18	1 1	2 52	23 57	0 22	23 31	0 26	16 23	2 46	0 41	0 28	17 8			n.a.
W16	4 13	18 30	5 14	10 18	1 22	10 32	0 4	9 5	0 9	8 33	1 18	1 3	2 52	23 57	0 22	23 31	0 26	16 23	2 46	0 41	0 27	17 8			n.a.
T 17	4 37	18 27	5 16	9 43	1 5	11 2	0 7	9 22	0 10	8 28	1 18	1 5	2 52	23 57	0 22	23 31	0 26	16 24	2 46	0 41	0 25	17 9			n.a.
F 18	5 1	17 33	5 4	9 3	0 46	11 31	0 9	9 40	0 11	8 23	1 18	1 7	2 51	23 57	0 22	23 31	0 26	16 24	2 46	0 41	0 24	17 10			n.a.
S 19	5 25	15 50	4 37	8 18	0 27	12 1	0 12	9 57	0 11	8 18	1 18	1 9	2 51	23 57	0 22	23 31	0 26	16 25	2 46	0 41	0 23	17 11			n.a.
S 20	5 49	13 18	3 57	7 30	0 7	12 30	0 14	10 15	0 12	8 14	1 18	1 11	2 51	23 57	0 22	23 31	0 26	16 26	2 46	0 41	0 22	17 11			n.a.
M21	6 13	10 3	3 3	6 40	0n14	12 58	0 17	10 32	0 13	8 9	1 18	1 13	2 51	23 57	0 22	23 31	0 26	16 26	2 45	0 42	0 20	17 12			n.a.
T 22	6 37	6 11	1 58	5 49	0 35	13 27	0 19	10 49	0 13	8 5	1 18	1 15	2 51	23 57	0 22	23 31	0 26	16 27	2 45	0 42	0 19	17 13			n.a.
W23	7 1	1 52	0 44	4 58	0 55	13 55	0 22	11 6	0 14	8 0	1 19	1 16	2 51	23 58	0 22	23 31	0 26	16 27	2 45	0 43	0 18	17 14			n.a.
T 24	7 25	2s41	0n34	4 10	1 13	14 22	0 24	11 24	0 15	7 56	1 19	1 18	2 51	23 58	0 22	23 31	0 26	16 28	2 45	0 43	0 16	17 14			n.a.
F 25	7 48	7 10	1 52	3 26	1 31	14 50	0 27	11 41	0 15	7 51	1 19	1 20	2 51	23 58	0 22	23 31	0 26	16 28	2 45	0 42	0 15	17 15			n.a.
S 26	8 12	11 18	3 4	2 47	1 46	15 16	0 29	11 57	0 16	7 46	1 19	1 22	2 51	23 58	0 22	23 31	0 26	16 29	2 45	0 42	0 14	17 16			n.a.
S 27	8 35	14 43	4 3	2 13	2 0	15 43	0 32	12 14	0 17	7 42	1 19	1 23	2 50	23 58	0 21	23 31	0 26	16 30	2 44	0 41	0 13	17 17			n.a.
M28	8 58	17 9	4 46	1 45	2 12	16 9	0 34	12 31	0 17	7 38	1 19	1 25	2 50	23 58	0 21	23 31	0 26	16 30	2 44	0 39	0 11	17 17			n.a.
T 29	9 21	18 26	5 10	1 24	2 21	16 35	0 37	12 48	0 18	7 33	1 19	1 27	2 50	23 58	0 21	23 31	0 26	16 31	2 44	0 38	0 10	17 18			n.a.
W30	9 44	18 30	5 14	1 9	2 29	17 0	0 39	13 4	0 19	7 29	1 19	1 28	2 50	23 58	0 21	23 30	0 26	16 31	2 44	0 37	0 9	17 19			n.a.
T 31	10s 7	17s24	4n58	1s 1	2n34	17s25	0s42	13s21	0s19	7n24	1n20	1s30	2s50	23s59	0s21	23s30	0s26	16s32	2n44	0s37	0s 7	17n20			n.a.

Julian Day Number = 1192814.5, Delta T = 09h30m26s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'39, Lahiri = -23°55'39 Julian Calendar 1 Oct. 1448 BCE == Greg. Calendar 18 Sept. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

NOVEMBER 1448 BCE (-1447) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 49 27	26♎45'09	4♒ 0	8♎23	16♏42	4♏40	14♍45	2°R37	22♐ 5	14♑20	24♏20	1♎32	0♎15	8♊ 5	n.a.	F 1
S 2	1 53 23	27°46'23	17°27	8°34	17°57	5°26	14°56	2♈33	22° 7	14°20	24°22	1°33	0°12	8°12	n.a.	S 2
S 3	1 57 20	28°47'36	0♓36	8°55	19°11	6°12	15° 7	2°29	22°10	14°21	24°24	1°34	0° 9	8°19	n.a.	S 3
M 4	2 1 16	29°48'50	13°30	9°23	20°26	6°57	15°18	2°25	22°12	14°22	24°26	1°36	0° 6	8°25	n.a.	M 4
T 5	2 5 13	0♏50'04	26°10	9°59	21°41	7°43	15°30	2°21	22°15	14°23	24°28	1°R37	0° 3	8°32	n.a.	T 5
W 6	2 9 9	1°51'18	8♈38	10°41	22°56	8°29	15°41	2°17	22°17	14°24	24°30	1°37	29♍59	8°39	n.a.	W 6
T 7	2 13 6	2°52'33	20°57	11°29	24°11	9°15	15°51	2°13	22°20	14°25	24°32	1°35	29°56	8°46	n.a.	T 7
F 8	2 17 3	3°53'48	3♉ 7	12°22	25°26	10° 1	16° 2	2° 9	22°22	14°26	24°34	1°32	29°53	8°52	n.a.	F 8
S 9	2 20 59	4°55'04	15°10	13°20	26°41	10°47	16°13	2° 5	22°25	14°27	24°36	1°27	29°50	8°59	n.a.	S 9
S 10	2 24 56	5°56'20	27° 7	14°21	27°56	11°33	16°24	2° 1	22°27	14°28	24°38	1°21	29°47	9° 6	n.a.	S 10
M11	2 28 52	6°57'37	9♊ 1	15°26	29°11	12°20	16°34	1°58	22°30	14°29	24°40	1°14	29°43	9°12	n.a.	M11
T 12	2 32 49	7°58'54	20°52	16°34	0♐25	13° 6	16°45	1°54	22°33	14°30	24°42	1° 7	29°40	9°19	n.a.	T 12
W13	2 36 45	9° 0'12	2♋44	17°45	1°40	13°52	16°55	1°51	22°35	14°31	24°44	1° 0	29°37	9°26	n.a.	W13
T 14	2 40 42	10° 1'30	14°39	18°58	2°55	14°38	17° 6	1°47	22°38	14°33	24°46	0°56	29°34	9°33	n.a.	T 14
F 15	2 44 39	11° 2'48	26°42	20°13	4°10	15°24	17°16	1°44	22°41	14°34	24°48	0°52	29°31	9°39	n.a.	F 15
S 16	2 48 35	12° 4'07	8♌58	21°30	5°24	16°11	17°26	1°41	22°44	14°35	24°50	0°D51	29°28	9°46	n.a.	S 16
S 17	2 52 32	13° 5'26	21°29	22°48	6°39	16°57	17°36	1°38	22°47	14°36	24°52	0°51	29°24	9°53	n.a.	S 17
M18	2 56 28	14° 6'45	4♍23	24° 8	7°54	17°44	17°46	1°35	22°50	14°38	24°54	0°53	29°21	9°59	n.a.	M18
T 19	3 0 25	15° 8'05	17°41	25°29	9° 9	18°30	17°56	1°32	22°53	14°39	24°56	0°54	29°18	10° 6	n.a.	T 19
W20	3 4 21	16° 9'24	1♎27	26°52	10°23	19°16	18° 5	1°29	22°55	14°40	24°58	0°R55	29°15	10°13	n.a.	W20
T 21	3 8 18	17°10'44	15°42	28°15	11°38	20° 3	18°15	1°26	22°58	14°42	25° 1	0°54	29°12	10°20	n.a.	T 21
F 22	3 12 14	18°12'05	0♏24	29°39	12°53	20°50	18°24	1°24	23° 1	14°43	25° 3	0°51	29° 8	10°26	n.a.	F 22
S 23	3 16 11	19°13'25	15°26	1♏ 4	14° 7	21°36	18°34	1°21	23° 4	14°45	25° 5	0°45	29° 5	10°33	n.a.	S 23
S 24	3 20 8	20°14'44	0♐39	2°30	15°22	22°23	18°43	1°19	23° 8	14°46	25° 7	0°38	29° 2	10°40	n.a.	S 24
M25	3 24 4	21°16'04	15°54	3°56	16°36	23° 9	18°52	1°17	23°11	14°48	25° 9	0°30	28°59	10°46	n.a.	M25
T 26	3 28 1	22°17'23	0♑59	5°24	17°51	23°56	19° 1	1°14	23°14	14°49	25°11	0°22	28°56	10°53	n.a.	T 26
W27	3 31 57	23°18'42	15°45	6°51	19° 5	24°43	19°10	1°12	23°17	14°51	25°13	0°15	28°53	11° 0	n.a.	W27
T 28	3 35 54	24°20'00	0♒ 6	8°20	20°20	25°29	19°19	1°10	23°20	14°52	25°15	0°10	28°49	11° 7	n.a.	T 28
F 29	3 39 50	25°21'17	14° 0	9°49	21°34	26°16	19°28	1° 8	23°23	14°54	25°17	0° 7	28°46	11°13	n.a.	F 29
S 30	3 43 47	26♏22'34	27♒28	11♏18	22♐49	27♏ 3	19♍36	1♈ 7	23♐26	14♑56	25♏19	0°D 7	28♍43	11♊20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s30	15s18	4n26	0s58	2n38	17s49	0s44	13s37	0s20	7n20	1n20	1s32	2s50	23s59	0s21	23s30	0s26	16s33	2n44	0s37	0s 6	17n20		n.a.
S 2	10 52	12 24	3 39	1 0	2 40	18 13	0 46	13 53	0 21	7 16	1 20	1 33	2 50	23 59	0 21	23 30	0 26	16 33	2 44	0 38	0 5	17 21		n.a.
S 3	11 14	8 56	2 42	1 8	2 41	18 36	0 49	14 9	0 21	7 11	1 20	1 35	2 49	23 59	0 21	23 30	0 26	16 34	2 44	0 38	0 4	17 22		n.a.
M 4	11 36	5 6	1 38	1 19	2 41	18 59	0 51	14 25	0 22	7 7	1 20	1 36	2 49	23 59	0 21	23 30	0 26	16 34	2 43	0 39	0 2	17 23		n.a.
T 5	11 58	1 6	0 30	1 35	2 39	19 22	0 53	14 41	0 23	7 3	1 20	1 38	2 49	23 59	0 21	23 30	0 26	16 35	2 43	0 39	0 1	17 23		n.a.
W 6	12 20	2n54	0s38	1 54	2 37	19 44	0 55	14 57	0 23	6 59	1 20	1 39	2 49	23 59	0 21	23 30	0 26	16 36	2 43	0 39	0n 0	17 24		n.a.
T 7	12 41	6 43	1 44	2 16	2 34	20 5	0 58	15 12	0 24	6 54	1 21	1 41	2 49	24 0	0 21	23 30	0 26	16 36	2 43	0 39	0 2	17 25		n.a.
F 8	13 2	10 13	2 44	2 41	2 30	20 25	1 0	15 28	0 25	6 50	1 21	1 42	2 48	24 0	0 21	23 30	0 26	16 37	2 43	0 37	0 3	17 25		n.a.
S 9	13 23	13 14	3 35	3 8	2 25	20 46	1 2	15 43	0 25	6 46	1 21	1 43	2 48	24 0	0 21	23 29	0 26	16 37	2 43	0 35	0 4	17 26		n.a.
S 10	13 44	15 41	4 17	3 36	2 20	21 5	1 4	15 58	0 26	6 42	1 21	1 45	2 48	24 0	0 21	23 29	0 26	16 38	2 43	0 33	0 5	17 27		n.a.
M11	14 5	17 27	4 48	4 7	2 15	21 24	1 6	16 14	0 26	6 38	1 21	1 46	2 48	24 0	0 21	23 29	0 26	16 39	2 43	0 30	0 7	17 27		n.a.
T 12	14 25	18 28	5 5	4 39	2 9	21 43	1 8	16 28	0 27	6 34	1 21	1 47	2 47	24 0	0 21	23 29	0 26	16 39	2 42	0 27	0 8	17 28		n.a.
W13	14 45	18 40	5 10	5 12	2 3	22 0	1 10	16 43	0 28	6 30	1 22	1 48	2 47	24 0	0 21	23 29	0 26	16 40	2 42	0 24	0 9	17 29		n.a.
T 14	15 5	18 3	5 2	5 46	1 56	22 17	1 12	16 58	0 28	6 26	1 22	1 49	2 47	24 1	0 21	23 29	0 26	16 41	2 42	0 22	0 11	17 30		n.a.
F 15	15 24	16 37	4 40	6 21	1 49	22 34	1 14	17 12	0 29	6 22	1 22	1 50	2 47	24 1	0 21	23 29	0 26	16 41	2 42	0 21	0 12	17 30		n.a.
S 16	15 44	14 24	4 5	6 57	1 42	22 50	1 16	17 26	0 30	6 18	1 22	1 51	2 47	24 1	0 21	23 29	0 26	16 42	2 42	0 21	0 13	17 31		n.a.
S 17	16 3	11 29	3 17	7 33	1 35	23 5	1 18	17 41	0 30	6 15	1 22	1 53	2 46	24 1	0 21	23 28	0 26	16 42	2 42	0 21	0 14	17 32		n.a.
M18	16 21	7 56	2 19	8 10	1 28	23 19	1 19	17 55	0 31	6 11	1 22	1 53	2 46	24 1	0 21	23 28	0 26	16 43	2 42	0 21	0 16	17 32		n.a.
T 19	16 40	3 52	1 11	8 47	1 21	23 33	1 21	18 8	0 31	6 7	1 23	1 54	2 46	24 1	0 21	23 28	0 26	16 44	2 42	0 22	0 17	17 33		n.a.
W20	16 58	0s33	0n 3	9 24	1 13	23 46	1 23	18 22	0 32	6 3	1 23	1 55	2 45	24 2	0 21	23 28	0 26	16 44	2 41	0 22	0 18	17 34		n.a.
T 21	17 16	5 4	1 19	10 1	1 6	23 58	1 24	18 35	0 33	6 0	1 23	1 56	2 45	24 2	0 21	23 28	0 26	16 45	2 41	0 22	0 20	17 34		n.a.
F 22	17 33	9 26	2 32	10 38	0 58	24 10	1 26	18 49	0 33	5 56	1 23	1 57	2 45	24 2	0 21	23 28	0 26	16 45	2 41	0 20	0 21	17 35		n.a.
S 23	17 50	13 18	3 36	11 15	0 51	24 21	1 28	19 2	0 34	5 52	1 23	1 58	2 45	24 2	0 21	23 27	0 26	16 46	2 41	0 18	0 22	17 36		n.a.
S 24	18 7	16 19	4 26	11 52	0 44	24 31	1 29	19 14	0 34	5 49	1 24	1 58	2 44	24 2	0 21	23 27	0 26	16 47	2 41	0 15	0 23	17 36		n.a.
M25	18 24	18 11	4 57	12 29	0 36	24 40	1 30	19 27	0 35	5 45	1 24	1 59	2 44	24 2	0 21	23 27	0 26	16 47	2 41	0 12	0 25	17 37		n.a.
T 26	18 40	18 45	5 7	13 6	0 29	24 49	1 32	19 40	0 36	5 42	1 24	2 0	2 44	24 2	0 21	23 27	0 26	16 48	2 41	0 9	0 26	17 38		n.a.
W27	18 56	18 1	4 56	13 42	0 21	24 57	1 33	19 52	0 36	5 39	1 24	2 0	2 44	24 3	0 21	23 27	0 26	16 48	2 41	0 6	0 27	17 38		n.a.
T 28	19 11	16 9	4 26	14 18	0 14	25 4	1 34	20 4	0 37	5 35	1 24	2 1	2 43	24 3	0 21	23 27	0 26	16 49	2 41	0 4	0 29	17 39		n.a.
F 29	19 26	13 23	3 42	14 54	0 7	25 10	1 35	20 16	0 37	5 32	1 25	2 1	2 43	24 3	0 21	23 26	0 26	16 50	2 41	0 3	0 30	17 40		n.a.
S 30	19s41	9s58	2n46	15s29	0s 0	25s16	1s36	20s27	0s38	5n29	1n25	2s 2	2s43	24s 3	0s21	23s26	0s26	16s50	2n40	0s 3	0n31	17n40		n.a.

Julian Day Number = 1192845.5, Delta T = 09h30m25s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'35, Lahiri = -23°55'35 Julian Calendar 1 Nov. 1448 BCE == Greg. Calendar 19 Oct. 1448 BCE

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ASTRODIENST EPHEMERIS for the year 1448 BCE
geocentric

DECEMBER 1448 BCE (-1447) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 47 44	27♏23'50	10♓32	12♏48	24♐ 3	27♏50	19♍45	1°R 5	23♐30	14♑57	25♏22	0♎ 7	28♍40	11♊27	n.a.	S 1
M 2	3 51 40	28°25'04	23°15	14°18	25°18	28°37	19°53	1♈ 4	23°33	14°59	25°24	0° 8	28°37	11°34	n.a.	M 2
T 3	3 55 37	29°26'18	5♈42	15°49	26°32	29°23	20° 1	1° 2	23°36	15° 1	25°26	0°R 8	28°34	11°40	n.a.	T 3
W 4	3 59 33	0♐27'32	17°56	17°21	27°46	0♐10	20° 9	1° 1	23°39	15° 2	25°28	0° 6	28°30	11°47	n.a.	W 4
T 5	4 3 30	1°28'44	0♉ 2	18°53	29° 1	0°57	20°17	1° 0	23°43	15° 4	25°30	0° 2	28°27	11°54	n.a.	T 5
F 6	4 7 26	2°29'56	12° 1	20°25	0♑15	1°44	20°25	0°58	23°46	15° 6	25°32	29♍55	28°24	12° 0	n.a.	F 6
S 7	4 11 23	3°31'06	23°57	21°58	1°29	2°31	20°33	0°57	23°49	15° 8	25°34	29°45	28°21	12° 7	n.a.	S 7
S 8	4 15 19	4°32'16	5♊50	23°32	2°43	3°18	20°40	0°57	23°53	15°10	25°36	29°33	28°18	12°14	n.a.	S 8
M 9	4 19 16	5°33'26	17°42	25° 6	3°58	4° 5	20°48	0°56	23°56	15°11	25°38	29°20	28°14	12°21	n.a.	M 9
T 10	4 23 13	6°34'34	29°35	26°40	5°12	4°52	20°55	0°55	23°59	15°13	25°40	29° 7	28°11	12°27	n.a.	T 10
W11	4 27 9	7°35'42	11♋30	28°15	6°26	5°39	21° 2	0°55	24° 3	15°15	25°42	28°54	28° 8	12°34	n.a.	W11
T 12	4 31 6	8°36'49	23°29	29°51	7°40	6°26	21° 9	0°54	24° 6	15°17	25°44	28°44	28° 5	12°41	n.a.	T 12
F 13	4 35 2	9°37'55	5♌34	1♐27	8°54	7°13	21°16	0°54	24° 9	15°19	25°47	28°36	28° 2	12°47	n.a.	F 13
S 14	4 38 59	10°39'00	17°49	3° 4	10° 8	8° 0	21°23	0°54	24°13	15°21	25°49	28°31	27°59	12°54	n.a.	S 14
S 15	4 42 55	11°40'05	0♍17	4°41	11°22	8°47	21°29	0°D54	24°16	15°23	25°51	28°29	27°55	13° 1	n.a.	S 15
M16	4 46 52	12°41'08	13° 4	6°19	12°36	9°34	21°35	0°54	24°20	15°25	25°53	28°D28	27°52	13° 8	n.a.	M16
T 17	4 50 49	13°42'11	26°13	7°58	13°50	10°21	21°42	0°54	24°23	15°27	25°55	28°R28	27°49	13°14	n.a.	T 17
W18	4 54 45	14°43'13	9♎48	9°37	15° 4	11° 8	21°48	0°54	24°27	15°29	25°57	28°28	27°46	13°21	n.a.	W18
T 19	4 58 42	15°44'14	23°52	11°17	16°17	11°56	21°54	0°55	24°30	15°31	25°59	28°26	27°43	13°28	n.a.	T 19
F 20	5 2 38	16°45'15	8♏25	12°58	17°31	12°43	21°59	0°55	24°33	15°33	26° 1	28°21	27°40	13°34	n.a.	F 20
S 21	5 6 35	17°46'14	23°22	14°39	18°45	13°30	22° 5	0°56	24°37	15°35	26° 3	28°13	27°36	13°41	n.a.	S 21
S 22	5 10 31	18°47'12	8♐37	16°21	19°59	14°17	22°11	0°57	24°40	15°37	26° 5	28° 3	27°33	13°48	n.a.	S 22
M23	5 14 28	19°48'09	23°58	18° 4	21°12	15° 4	22°16	0°57	24°44	15°39	26° 7	27°52	27°30	13°55	n.a.	M23
T 24	5 18 24	20°49'05	9♑16	19°47	22°26	15°52	22°21	0°58	24°47	15°41	26° 9	27°40	27°27	14° 1	n.a.	T 24
W25	5 22 21	21°49'59	24°16	21°31	23°39	16°39	22°26	1° 0	24°51	15°43	26°11	27°30	27°24	14° 8	n.a.	W25
T 26	5 26 18	22°50'52	8♒53	23°16	24°53	17°26	22°31	1° 1	24°54	15°45	26°13	27°22	27°20	14°15	n.a.	T 26
F 27	5 30 14	23°51'43	23° 0	25° 2	26° 6	18°13	22°35	1° 2	24°58	15°48	26°14	27°17	27°17	14°22	n.a.	F 27
S 28	5 34 11	24°52'32	6♓37	26°48	27°20	19° 0	22°40	1° 4	25° 1	15°50	26°16	27°14	27°14	14°28	n.a.	S 28
S 29	5 38 7	25°53'19	19°46	28°35	28°33	19°48	22°44	1° 5	25° 5	15°52	26°18	27°14	27°11	14°35	n.a.	S 29
M30	5 42 4	26°54'04	2♈30	0♑22	29°46	20°35	22°48	1° 7	25° 8	15°54	26°20	27°14	27° 8	14°42	n.a.	M30
T 31	5 46 0	27♐54'48	14♈54	2♑11	1♒ 0	21♐22	22♍52	1♈ 8	25♐12	15♑56	26♏22	27♍13	27♍ 5	14♊48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19s55	6s10	1n43	16s 4	0s 7	25s21	1s37	20s39	0s38	5n26	1n25	2s 2	2s42	24s 3	0s21	23s26	0s26	16s51	2n40	0s 3	0n32	17n41			n.a.
M 2	20 10	2 10	0 37	16 38	0 14	25 25	1 38	20 50	0 39	5 23	1 25	2 3	2 42	24 3	0 21	23 26	0 26	16 51	2 40	0 3	0 34	17 42			n.a.
T 3	20 23	1n51	0s30	17 12	0 21	25 28	1 39	21 1	0 40	5 19	1 25	2 3	2 42	24 4	0 21	23 26	0 26	16 52	2 40	0 3	0 35	17 42			n.a.
W 4	20 36	5 43	1 34	17 45	0 27	25 31	1 40	21 12	0 40	5 16	1 26	2 3	2 42	24 4	0 21	23 26	0 26	16 53	2 40	0 3	0 36	17 43			n.a.
T 5	20 49	9 18	2 32	18 17	0 34	25 32	1 41	21 22	0 41	5 13	1 26	2 3	2 41	24 4	0 21	23 25	0 26	16 53	2 40	0 1	0 38	17 43			n.a.
F 6	21 2	12 29	3 24	18 49	0 40	25 33	1 41	21 33	0 41	5 11	1 26	2 3	2 41	24 4	0 21	23 25	0 26	16 54	2 40	0n 2	0 39	17 44			n.a.
S 7	21 14	15 7	4 6	19 20	0 46	25 33	1 42	21 43	0 42	5 8	1 26	2 4	2 41	24 4	0 21	23 25	0 26	16 54	2 40	0 6	0 40	17 45			n.a.
S 8	21 25	17 7	4 37	19 50	0 52	25 33	1 43	21 53	0 42	5 5	1 27	2 4	2 40	24 4	0 21	23 25	0 26	16 55	2 40	0 11	0 41	17 45			n.a.
M 9	21 37	18 23	4 56	20 19	0 58	25 31	1 43	22 2	0 43	5 2	1 27	2 4	2 40	24 5	0 21	23 24	0 26	16 56	2 40	0 16	0 43	17 46			n.a.
T 10	21 47	18 50	5 2	20 47	1 4	25 29	1 43	22 12	0 43	4 59	1 27	2 4	2 40	24 5	0 21	23 24	0 26	16 56	2 40	0 22	0 44	17 47			n.a.
W11	21 58	18 28	4 55	21 15	1 9	25 26	1 44	22 21	0 44	4 57	1 27	2 4	2 39	24 5	0 21	23 24	0 26	16 57	2 39	0 27	0 45	17 47			n.a.
T 12	22 8	17 16	4 34	21 41	1 15	25 22	1 44	22 30	0 44	4 54	1 27	2 3	2 39	24 5	0 21	23 24	0 26	16 57	2 39	0 31	0 47	17 48			n.a.
F 13	22 17	15 18	4 2	22 7	1 20	25 17	1 44	22 38	0 45	4 52	1 28	2 3	2 39	24 5	0 21	23 24	0 26	16 58	2 39	0 34	0 48	17 48			n.a.
S 14	22 26	12 38	3 18	22 31	1 25	25 12	1 44	22 47	0 46	4 49	1 28	2 3	2 38	24 5	0 21	23 23	0 26	16 58	2 39	0 36	0 49	17 49			n.a.
S 15	22 35	9 20	2 24	22 55	1 29	25 6	1 44	22 55	0 46	4 47	1 28	2 3	2 38	24 5	0 21	23 23	0 26	16 59	2 39	0 37	0 50	17 50			n.a.
M16	22 43	5 32	1 21	23 17	1 33	24 59	1 44	23 3	0 47	4 45	1 28	2 3	2 38	24 6	0 21	23 23	0 26	16 59	2 39	0 37	0 52	17 50			n.a.
T 17	22 51	1 21	0 12	23 37	1 37	24 51	1 44	23 10	0 47	4 42	1 29	2 2	2 37	24 6	0 21	23 23	0 26	17 0	2 39	0 37	0 53	17 51			n.a.
W18	22 58	3s 2	1n 0	23 57	1 41	24 43	1 44	23 18	0 48	4 40	1 29	2 2	2 37	24 6	0 21	23 22	0 26	17 1	2 39	0 37	0 54	17 51			n.a.
T 19	23 5	7 25	2 10	24 15	1 45	24 34	1 43	23 25	0 48	4 38	1 29	2 1	2 37	24 6	0 21	23 22	0 26	17 1	2 39	0 38	0 56	17 52			n.a.
F 20	23 11	11 30	3 14	24 32	1 48	24 24	1 43	23 31	0 49	4 36	1 29	2 1	2 36	24 6	0 21	23 22	0 26	17 2	2 39	0 40	0 57	17 53			n.a.
S 21	23 17	14 57	4 7	24 47	1 51	24 13	1 43	23 38	0 49	4 34	1 30	2 0	2 36	24 6	0 21	23 22	0 26	17 2	2 39	0 43	0 58	17 53			n.a.
S 22	23 23	17 28	4 44	25 1	1 53	24 2	1 42	23 44	0 50	4 32	1 30	2 0	2 36	24 7	0 21	23 22	0 26	17 3	2 39	0 47	0 59	17 54			n.a.
M23	23 28	18 44	5 0	25 14	1 55	23 49	1 41	23 50	0 50	4 30	1 30	1 59	2 36	24 7	0 21	23 21	0 26	17 3	2 39	0 52	1 1	17 54			n.a.
T 24	23 32	18 38	4 54	25 24	1 57	23 37	1 41	23 56	0 50	4 28	1 30	1 58	2 35	24 7	0 21	23 21	0 26	17 4	2 39	0 56	1 2	17 55			n.a.
W25	23 36	17 14	4 29	25 33	1 58	23 23	1 40	24 1	0 51	4 26	1 31	1 58	2 35	24 7	0 21	23 21	0 26	17 4	2 39	1 1	1 3	17 56			n.a.
T 26	23 40	14 44	3 46	25 40	1 59	23 9	1 39	24 7	0 51	4 25	1 31	1 57	2 35	24 7	0 21	23 21	0 26	17 5	2 38	1 4	1 5	17 56			n.a.
F 27	23 43	11 25	2 50	25 46	2 0	22 54	1 38	24 11	0 52	4 23	1 31	1 56	2 34	24 7	0 21	23 20	0 26	17 5	2 38	1 6	1 6	17 57			n.a.
S 28	23 46	7 35	1 47	25 49	2 0	22 39	1 37	24 16	0 52	4 21	1 32	1 55	2 34	24 7	0 21	23 20	0 26	17 6	2 38	1 7	1 7	17 57			n.a.
S 29	23 48	3 31	0 39	25 51	1 59	22 23	1 36	24 20	0 53	4 20	1 32	1 54	2 34	24 8	0 21	23 20	0 26	17 6	2 38	1 7	1 8	17 58			n.a.
M30	23 49	0n35	0s28	25 50	1 58	22 6	1 35	24 24	0 53	4 19	1 32	1 53	2 33	24 8	0 21	23 20	0 26	17 7	2 38	1 7	1 10	17 58			n.a.
T 31	23s51	4n34	1s32	25s47	1s57	21s48	1s33	24s28	0s54	4n17	1n32	1s52	2s33	24s 8	0s21	23s19	0s26	17s 7	2n38	1n 8	1n11	17n59			n.a.

Julian Day Number = 1192875.5, Delta T = 09h30m23s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'31, Lahiri = -23°55'31 Julian Calendar 1 Dec. 1448 BCE == Greg. Calendar 18 Nov. 1448 BCE

The year -1447 astronomical counting style corresponds to year 1448 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

JANUARY 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 49 57	28♐55'30	27♈ 4	4♉ 0	2♒13	22♐ 9	22♍56	1♈10	25♐15	15♉58	26♏24	27°R11	27♍ 1	14♊55	n.a.	W 1
T 2	5 53 53	29°56'09	9♉ 3	5°49	3°26	22°57	22°59	1°12	25°19	16° 1	26°26	27♍ 6	26°58	15° 2	n.a.	T 2
F 3	5 57 50	0♉56'48	20°57	7°39	4°39	23°44	23° 3	1°14	25°22	16° 3	26°27	26°58	26°55	15° 9	n.a.	F 3
S 4	6 1 47	1°57'24	2♊48	9°29	5°52	24°31	23° 6	1°17	25°26	16° 5	26°29	26°47	26°52	15°15	n.a.	S 4
S 5	6 5 43	2°57'58	14°40	11°19	7° 5	25°18	23° 9	1°19	25°29	16° 7	26°31	26°34	26°49	15°22	n.a.	S 5
M 6	6 9 40	3°58'31	26°33	13° 9	8°17	26° 6	23°12	1°21	25°33	16° 9	26°33	26°19	26°46	15°29	n.a.	M 6
T 7	6 13 36	4°59'02	8♋30	14°59	9°30	26°53	23°15	1°24	25°36	16°12	26°35	26° 4	26°42	15°35	n.a.	T 7
W 8	6 17 33	5°59'31	20°31	16°49	10°43	27°40	23°17	1°27	25°40	16°14	26°36	25°51	26°39	15°42	n.a.	W 8
T 9	6 21 29	6°59'59	2♌38	18°38	11°56	28°27	23°20	1°29	25°43	16°16	26°38	25°39	26°36	15°49	n.a.	T 9
F 10	6 25 26	8° 0'25	14°52	20°26	13° 8	29°15	23°22	1°32	25°46	16°18	26°40	25°30	26°33	15°56	n.a.	F 10
S 11	6 29 22	9° 0'49	27°15	22°13	14°21	0♉ 2	23°24	1°35	25°50	16°21	26°41	25°24	26°30	16° 2	n.a.	S 11
S 12	6 33 19	10° 1'11	9♍49	23°59	15°33	0°49	23°25	1°38	25°53	16°23	26°43	25°21	26°26	16° 9	n.a.	S 12
M13	6 37 16	11° 1'32	22°38	25°42	16°45	1°36	23°27	1°41	25°57	16°25	26°45	25°D20	26°23	16°16	n.a.	M13
T 14	6 41 12	12° 1'51	5♎45	27°23	17°57	2°24	23°28	1°45	26° 0	16°27	26°46	25°R20	26°20	16°23	n.a.	T 14
W15	6 45 9	13° 2'08	19°13	29° 0	19°10	3°11	23°30	1°48	26° 3	16°30	26°48	25°20	26°17	16°29	n.a.	W15
T 16	6 49 5	14° 2'24	3♏ 5	0♒35	20°22	3°58	23°31	1°52	26° 7	16°32	26°49	25°19	26°14	16°36	n.a.	T 16
F 17	6 53 2	15° 2'39	17°21	2° 5	21°34	4°45	23°32	1°55	26°10	16°34	26°51	25°15	26°11	16°43	n.a.	F 17
S 18	6 56 58	16° 2'51	2♐ 1	3°30	22°46	5°32	23°32	1°59	26°14	16°37	26°52	25° 9	26° 7	16°49	n.a.	S 18
S 19	7 0 55	17° 3'02	17° 0	4°50	23°57	6°20	23°33	2° 3	26°17	16°39	26°54	25° 0	26° 4	16°56	n.a.	S 19
M20	7 4 51	18° 3'11	2♉ 8	6° 3	25° 9	7° 7	23°33	2° 6	26°20	16°41	26°55	24°50	26° 1	17° 3	n.a.	M20
T 21	7 8 48	19° 3'19	17°17	7°11	26°21	7°54	23°R33	2°10	26°23	16°43	26°57	24°40	25°58	17°10	n.a.	T 21
W22	7 12 45	20° 3'24	2♒16	8°11	27°32	8°41	23°33	2°14	26°27	16°46	26°58	24°31	25°55	17°16	n.a.	W22
T 23	7 16 41	21° 3'27	16°55	9° 3	28°44	9°28	23°33	2°19	26°30	16°48	27° 0	24°23	25°52	17°23	n.a.	T 23
F 24	7 20 38	22° 3'28	1♓ 8	9°48	29°55	10°15	23°32	2°23	26°33	16°50	27° 1	24°19	25°48	17°30	n.a.	F 24
S 25	7 24 34	23° 3'26	14°53	10°24	1♓ 6	11° 3	23°31	2°27	26°37	16°53	27° 2	24°16	25°45	17°36	n.a.	S 25
S 26	7 28 31	24° 3'22	28° 9	10°51	2°18	11°50	23°31	2°32	26°40	16°55	27° 4	24°D16	25°42	17°43	n.a.	S 26
M27	7 32 27	25° 3'16	11♈ 0	11° 9	3°29	12°37	23°30	2°36	26°43	16°57	27° 5	24°17	25°39	17°50	n.a.	M27
T 28	7 36 24	26° 3'07	23°29	11°18	4°40	13°24	23°28	2°41	26°46	16°59	27° 6	24°R17	25°36	17°57	n.a.	T 28
W29	7 40 20	27° 2'56	5♉40	11°R19	5°50	14°11	23°27	2°45	26°49	17° 2	27° 8	24°17	25°32	18° 3	n.a.	W29
T 30	7 44 17	28° 2'42	17°41	11°10	7° 1	14°58	23°25	2°50	26°52	17° 4	27° 9	24°15	25°29	18°10	n.a.	T 30
F 31	7 48 14	29♉ 2'27	29♉34	10♒53	8♓12	15♉45	23♍23	2♈55	26♐55	17♉ 6	27♏10	24♍10	25♍26	18♊17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s51	8n16	2s31	25s43	1s55	21s30	1s32	24s32	0s54	4n16	1n33	1s51	2s33	24s 8	0s21	23s19	0s26	17s 8	2n38	1n 9	1n12	18n 0			n.a.
T 2	23 52	11 35	3 22	25 36	1 52	21 12	1 31	24 35	0 55	4 15	1 33	1 50	2 32	24 8	0 21	23 19	0 26	17 8	2 38	1 11	1 14	18 0			n.a.
F 3	23 52	14 24	4 3	25 27	1 49	20 53	1 29	24 38	0 55	4 14	1 33	1 49	2 32	24 8	0 21	23 19	0 26	17 9	2 38	1 14	1 15	18 1			n.a.
S 4	23 51	16 36	4 34	25 16	1 45	20 33	1 27	24 40	0 55	4 13	1 33	1 48	2 32	24 8	0 21	23 18	0 26	17 9	2 38	1 18	1 16	18 1			n.a.
S 5	23 50	18 6	4 53	25 3	1 41	20 13	1 26	24 42	0 56	4 12	1 34	1 46	2 31	24 9	0 22	23 18	0 26	17 10	2 38	1 23	1 17	18 2			n.a.
M 6	23 48	18 50	4 59	24 47	1 36	19 52	1 24	24 44	0 56	4 11	1 34	1 45	2 31	24 9	0 22	23 18	0 26	17 10	2 38	1 29	1 19	18 2			n.a.
T 7	23 46	18 43	4 53	24 29	1 30	19 30	1 22	24 46	0 57	4 10	1 34	1 44	2 31	24 9	0 22	23 17	0 26	17 11	2 38	1 35	1 20	18 3			n.a.
W 8	23 43	17 46	4 33	24 10	1 23	19 8	1 20	24 47	0 57	4 9	1 35	1 43	2 30	24 9	0 22	23 17	0 26	17 11	2 38	1 41	1 21	18 3			n.a.
T 9	23 40	16 1	4 0	23 48	1 16	18 46	1 18	24 49	0 57	4 8	1 35	1 41	2 30	24 9	0 22	23 17	0 26	17 11	2 38	1 46	1 22	18 4			n.a.
F 10	23 37	13 32	3 17	23 24	1 8	18 23	1 16	24 49	0 58	4 8	1 35	1 40	2 30	24 9	0 22	23 17	0 26	17 12	2 38	1 49	1 24	18 4			n.a.
S 11	23 33	10 25	2 23	22 58	0 59	18 0	1 14	24 50	0 58	4 7	1 35	1 38	2 30	24 9	0 22	23 16	0 26	17 12	2 38	1 52	1 25	18 5			n.a.
S 12	23 29	6 46	1 21	22 30	0 50	17 36	1 12	24 50	0 58	4 7	1 36	1 37	2 29	24 9	0 22	23 16	0 26	17 13	2 38	1 53	1 26	18 6			n.a.
M13	23 24	2 45	0 14	22 1	0 39	17 11	1 9	24 50	0 59	4 6	1 36	1 35	2 29	24 10	0 22	23 16	0 26	17 13	2 38	1 53	1 28	18 6			n.a.
T 14	23 18	1s29	0n55	21 31	0 28	16 47	1 7	24 50	0 59	4 6	1 36	1 34	2 29	24 10	0 22	23 16	0 26	17 14	2 38	1 53	1 29	18 7			n.a.
W15	23 13	5 45	2 3	20 59	0 16	16 22	1 4	24 49	1 0	4 6	1 36	1 32	2 28	24 10	0 22	23 15	0 26	17 14	2 37	1 53	1 30	18 7			n.a.
T 16	23 6	9 51	3 6	20 27	0 4	15 56	1 2	24 48	1 0	4 6	1 37	1 30	2 28	24 10	0 22	23 15	0 26	17 14	2 37	1 54	1 31	18 8			n.a.
F 17	23 0	13 29	3 59	19 54	0n 9	15 30	0 59	24 47	1 0	4 6	1 37	1 29	2 28	24 10	0 22	23 15	0 26	17 15	2 37	1 55	1 33	18 8			n.a.
S 18	22 53	16 23	4 38	19 20	0 23	15 4	0 57	24 45	1 1	4 6	1 37	1 27	2 27	24 10	0 22	23 14	0 26	17 15	2 37	1 58	1 34	18 9			n.a.
S 19	22 45	18 15	5 0	18 47	0 38	14 37	0 54	24 43	1 1	4 6	1 38	1 25	2 27	24 10	0 22	23 14	0 26	17 16	2 37	2 1	1 35	18 9			n.a.
M20	22 37	18 51	5 0	18 15	0 52	14 10	0 51	24 41	1 1	4 6	1 38	1 23	2 27	24 10	0 22	23 14	0 26	17 16	2 37	2 5	1 37	18 10			n.a.
T 21	22 29	18 6	4 40	17 43	1 7	13 42	0 48	24 39	1 2	4 6	1 38	1 21	2 27	24 10	0 22	23 14	0 26	17 16	2 37	2 9	1 38	18 10			n.a.
W22	22 20	16 7	4 0	17 13	1 23	13 15	0 45	24 36	1 2	4 6	1 38	1 19	2 26	24 11	0 22	23 13	0 26	17 17	2 37	2 13	1 39	18 11			n.a.
T 23	22 11	13 6	3 5	16 44	1 38	12 47	0 42	24 33	1 2	4 7	1 39	1 18	2 26	24 11	0 22	23 13	0 26	17 17	2 37	2 16	1 40	18 11			n.a.
F 24	22 1	9 24	2 0	16 17	1 53	12 18	0 39	24 30	1 2	4 7	1 39	1 16	2 26	24 11	0 22	23 13	0 26	17 17	2 37	2 18	1 42	18 12			n.a.
S 25	21 51	5 17	0 50	15 53	2 9	11 50	0 36	24 26	1 3	4 8	1 39	1 14	2 26	24 11	0 22	23 13	0 26	17 18	2 37	2 19	1 43	18 12			n.a.
S 26	21 41	1 4	0s21	15 31	2 23	11 21	0 33	24 22	1 3	4 8	1 39	1 12	2 25	24 11	0 22	23 12	0 26	17 18	2 37	2 19	1 44	18 13			n.a.
M27	21 30	3n 5	1 28	15 13	2 38	10 52	0 29	24 18	1 3	4 9	1 40	1 9	2 25	24 11	0 22	23 12	0 26	17 18	2 37	2 19	1 46	18 13			n.a.
T 28	21 19	6 58	2 30	14 57	2 51	10 22	0 26	24 14	1 4	4 10	1 40	1 7	2 25	24 11	0 22	23 12	0 26	17 19	2 37	2 18	1 47	18 14			n.a.
W29	21 7	10 28	3 23	14 45	3 4	9 53	0 23	24 9	1 4	4 11	1 40	1 5	2 24	24 11	0 22	23 11	0 26	17 19	2 37	2 19	1 48	18 14			n.a.
T 30	20 55	13 28	4 6	14 36	3 15	9 23	0 19	24 4	1 4	4 11	1 41	1 3	2 24	24 11	0 22	23 11	0 26	17 19	2 37	2 20	1 49	18 14			n.a.
F 31	20s43	15n53	4s38	14s31	3n26	8s53	0s16	23s59	1s 4	4n12	1n41	1s 1	2s24	24s11	0s22	23s11	0s26	17s20	2n37	2n21	1n51	18n15			n.a.

Julian Day Number = 1192906.5, Delta T = 09h30m21s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'27, Lahiri = -23°55'26 Julian Calendar 1 Jan. 1447 BCE == Greg. Calendar 19 Dec. 1448 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

FEBRUARY 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 52 10	0♒ 2'08	11♊25	10°R28	9♓22	16♉32	23°R21	3♈ 0	26♐58	17♉ 8	27♏11	24°R 3	25♍23	18♊24	n.a.	S 1
S 2	7 56 7	1° 1'48	23°17	9♒56	10°33	17°19	23♍19	3° 5	27° 1	17°11	27°12	23♍55	25°20	18°30	n.a.	S 2
M 3	8 0 3	2° 1'25	5♋13	9°17	11°43	18° 6	23°17	3°10	27° 5	17°13	27°14	23°45	25°17	18°37	n.a.	M 3
T 4	8 4 0	3° 1'00	17°15	8°33	12°53	18°53	23°14	3°15	27° 8	17°15	27°15	23°35	25°13	18°44	n.a.	T 4
W 5	8 7 56	4° 0'33	29°25	7°44	14° 3	19°40	23°12	3°20	27°10	17°17	27°16	23°25	25°10	18°50	n.a.	W 5
T 6	8 11 53	5° 0'03	11♌44	6°52	15°13	20°26	23° 9	3°26	27°13	17°19	27°17	23°18	25° 7	18°57	n.a.	T 6
F 7	8 15 49	5°59'31	24°12	5°58	16°22	21°13	23° 6	3°31	27°16	17°22	27°18	23°12	25° 4	19° 4	n.a.	F 7
S 8	8 19 46	6°58'57	6♍51	5° 3	17°32	22° 0	23° 2	3°37	27°19	17°24	27°19	23° 8	25° 1	19°11	n.a.	S 8
S 9	8 23 42	7°58'21	19°41	4° 8	18°41	22°47	22°59	3°42	27°22	17°26	27°20	23°D 7	24°58	19°17	n.a.	S 9
M10	8 27 39	8°57'43	2♎43	3°14	19°51	23°34	22°55	3°48	27°25	17°28	27°21	23° 7	24°54	19°24	n.a.	M10
T 11	8 31 36	9°57'03	15°59	2°22	21° 0	24°20	22°52	3°54	27°28	17°30	27°22	23° 8	24°51	19°31	n.a.	T 11
W12	8 35 32	10°56'21	29°32	1°34	22° 9	25° 7	22°48	3°59	27°30	17°32	27°22	23°10	24°48	19°38	n.a.	W12
T 13	8 39 29	11°55'37	13♏21	0°50	23°17	25°54	22°44	4° 5	27°33	17°34	27°23	23°R10	24°45	19°44	n.a.	T 13
F 14	8 43 25	12°54'52	27°27	0°10	24°26	26°41	22°39	4°11	27°36	17°37	27°24	23° 9	24°42	19°51	n.a.	F 14
S 15	8 47 22	13°54'04	11♐50	29♉36	25°35	27°27	22°35	4°17	27°39	17°39	27°25	23° 6	24°38	19°58	n.a.	S 15
S 16	8 51 18	14°53'15	26°25	29° 7	26°43	28°14	22°30	4°23	27°41	17°41	27°26	23° 2	24°35	20° 4	n.a.	S 16
M17	8 55 15	15°52'23	11♉ 9	28°43	27°51	29° 0	22°26	4°29	27°44	17°43	27°26	22°57	24°32	20°11	n.a.	M17
T 18	8 59 11	16°51'30	25°54	28°26	28°59	29°47	22°21	4°35	27°46	17°45	27°27	22°51	24°29	20°18	n.a.	T 18
W19	9 3 8	17°50'35	10♒33	28°14	0♈ 7	0♒33	22°16	4°42	27°49	17°47	27°28	22°46	24°26	20°25	n.a.	W19
T 20	9 7 4	18°49'37	24°58	28° 8	1°15	1°20	22°11	4°48	27°51	17°49	27°28	22°42	24°23	20°31	n.a.	T 20
F 21	9 11 1	19°48'37	9♓ 3	28°D 7	2°22	2° 6	22° 5	4°54	27°54	17°51	27°29	22°40	24°19	20°38	n.a.	F 21
S 22	9 14 58	20°47'35	22°45	28°12	3°30	2°53	22° 0	5° 1	27°56	17°53	27°30	22°D39	24°16	20°45	n.a.	S 22
S 23	9 18 54	21°46'30	6♈ 3	28°22	4°37	3°39	21°54	5° 7	27°59	17°55	27°30	22°40	24°13	20°51	n.a.	S 23
M24	9 22 51	22°45'23	18°57	28°38	5°44	4°26	21°48	5°14	28° 1	17°57	27°31	22°41	24°10	20°58	n.a.	M24
T 25	9 26 47	23°44'14	1♉30	28°58	6°50	5°12	21°42	5°20	28° 3	17°59	27°31	22°43	24° 7	21° 5	n.a.	T 25
W26	9 30 44	24°43'02	13°46	29°23	7°57	5°58	21°36	5°27	28° 6	18° 1	27°32	22°44	24° 3	21°12	n.a.	W26
T 27	9 34 40	25°41'48	25°50	29°52	9° 3	6°44	21°30	5°34	28° 8	18° 3	27°32	22°R45	24° 0	21°18	n.a.	T 27
F 28	9 38 37	26♒40'32	7♊45	0♒26	10♈ 9	7♒31	21♍24	5♈40	28♐10	18♉ 4	27♏32	22♍44	23♍57	21♊25	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s30	17n37	4s58	14s29	3n35	8s23	0s12	23s53	1s 5	4n13	1n41	0s59	2s24	24s11	0s22	23s11	0s26	17s20	2n37	2n24	1n52	18n15		n.a.
S 2	20 17	18 36	5 5	14 31	3 42	7 53	0 9	23 47	1 5	4 15	1 41	0 56	2 23	24 12	0 22	23 10	0 26	17 20	2 37	2 28	1 53	18 16		n.a.
M 3	20 4	18 46	5 0	14 36	3 47	7 22	0 5	23 41	1 5	4 16	1 42	0 54	2 23	24 12	0 22	23 10	0 26	17 21	2 37	2 31	1 55	18 16		n.a.
T 4	19 50	18 6	4 40	14 44	3 51	6 51	0 1	23 35	1 5	4 17	1 42	0 52	2 23	24 12	0 22	23 10	0 26	17 21	2 37	2 36	1 56	18 17		n.a.
W 5	19 36	16 35	4 8	14 55	3 53	6 21	0n 3	23 28	1 5	4 18	1 42	0 49	2 23	24 12	0 22	23 10	0 26	17 21	2 37	2 39	1 57	18 17		n.a.
T 6	19 21	14 18	3 24	15 8	3 52	5 50	0 6	23 21	1 6	4 20	1 42	0 47	2 22	24 12	0 22	23 9	0 26	17 21	2 37	2 42	1 58	18 18		n.a.
F 7	19 6	11 20	2 29	15 24	3 50	5 19	0 10	23 14	1 6	4 21	1 42	0 45	2 22	24 12	0 22	23 9	0 26	17 22	2 37	2 45	2 0	18 18		n.a.
S 8	18 51	7 49	1 27	15 41	3 46	4 48	0 14	23 7	1 6	4 23	1 43	0 42	2 22	24 12	0 22	23 9	0 26	17 22	2 37	2 46	2 1	18 19		n.a.
S 9	18 36	3 52	0 19	16 0	3 40	4 16	0 18	22 59	1 6	4 24	1 43	0 40	2 22	24 12	0 22	23 8	0 26	17 22	2 37	2 47	2 2	18 19		n.a.
M10	18 20	0s19	0n52	16 20	3 32	3 45	0 22	22 51	1 6	4 26	1 43	0 37	2 21	24 12	0 22	23 8	0 26	17 22	2 37	2 47	2 4	18 20		n.a.
T 11	18 4	4 33	2 1	16 41	3 23	3 14	0 26	22 43	1 7	4 28	1 43	0 35	2 21	24 12	0 22	23 8	0 27	17 23	2 37	2 46	2 5	18 20		n.a.
W12	17 48	8 38	3 4	17 2	3 13	2 43	0 30	22 35	1 7	4 29	1 44	0 32	2 21	24 12	0 22	23 8	0 27	17 23	2 37	2 46	2 6	18 20		n.a.
T 13	17 31	12 20	3 59	17 23	3 1	2 11	0 34	22 26	1 7	4 31	1 44	0 30	2 21	24 12	0 22	23 7	0 27	17 23	2 37	2 45	2 7	18 21		n.a.
F 14	17 14	15 24	4 40	17 44	2 48	1 40	0 38	22 17	1 7	4 33	1 44	0 27	2 21	24 13	0 22	23 7	0 27	17 23	2 37	2 46	2 9	18 21		n.a.
S 15	16 57	17 35	5 4	18 4	2 35	1 8	0 43	22 8	1 7	4 35	1 44	0 24	2 20	24 13	0 22	23 7	0 27	17 23	2 37	2 47	2 10	18 22		n.a.
S 16	16 39	18 39	5 10	18 24	2 21	0 37	0 47	21 59	1 7	4 37	1 44	0 22	2 20	24 13	0 22	23 7	0 27	17 24	2 37	2 49	2 11	18 22		n.a.
M17	16 22	18 29	4 55	18 43	2 7	0 6	0 51	21 49	1 7	4 39	1 45	0 19	2 20	24 13	0 22	23 6	0 27	17 24	2 37	2 51	2 12	18 23		n.a.
T 18	16 4	17 4	4 21	19 1	1 52	0n26	0 55	21 39	1 8	4 41	1 45	0 17	2 20	24 13	0 22	23 6	0 27	17 24	2 37	2 53	2 14	18 23		n.a.
W19	15 45	14 33	3 29	19 17	1 37	0 57	0 59	21 29	1 8	4 44	1 45	0 14	2 19	24 13	0 22	23 6	0 27	17 24	2 37	2 55	2 15	18 23		n.a.
T 20	15 27	11 9	2 25	19 33	1 23	1 28	1 4	21 19	1 8	4 46	1 45	0 11	2 19	24 13	0 22	23 6	0 27	17 24	2 37	2 57	2 16	18 24		n.a.
F 21	15 8	7 11	1 14	19 48	1 8	2 0	1 8	21 8	1 8	4 48	1 45	0 8	2 19	24 13	0 22	23 5	0 27	17 24	2 37	2 58	2 18	18 24		n.a.
S 22	14 49	2 56	0s 1	20 1	0 54	2 31	1 12	20 58	1 8	4 50	1 46	0 6	2 19	24 13	0 22	23 5	0 27	17 25	2 36	2 58	2 19	18 25		n.a.
S 23	14 30	1n20	1 13	20 12	0 40	3 2	1 16	20 47	1 8	4 53	1 46	0 3	2 19	24 13	0 22	23 5	0 27	17 25	2 36	2 58	2 20	18 25		n.a.
M24	14 10	5 25	2 19	20 23	0 26	3 33	1 21	20 36	1 8	4 55	1 46	0n 0	2 19	24 13	0 22	23 5	0 27	17 25	2 36	2 57	2 21	18 25		n.a.
T 25	13 51	9 8	3 17	20 32	0 12	4 4	1 25	20 24	1 8	4 58	1 46	0 3	2 18	24 13	0 22	23 4	0 27	17 25	2 36	2 56	2 23	18 26		n.a.
W26	13 31	12 22	4 4	20 39	0s 1	4 34	1 29	20 13	1 8	5 0	1 46	0 6	2 18	24 13	0 22	23 4	0 27	17 25	2 36	2 56	2 24	18 26		n.a.
T 27	13 11	15 1	4 40	20 45	0 13	5 5	1 34	20 1	1 8	5 3	1 46	0 9	2 18	24 13	0 22	23 4	0 27	17 25	2 36	2 56	2 25	18 27		n.a.
F 28	12s50	17n 0	5s 3	20s49	0s25	5n35	1n38	19s49	1s 8	5n 6	1n47	0n11	2s18	24s13	0s22	23s 4	0s27	17s25	2n36	2n56	2n27	18n27		n.a.

Julian Day Number = 1192937.5, Delta T = 09h30m19s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'23, Lahiri = -23°55'22 Julian Calendar 1 Feb. 1447 BCE == Greg. Calendar 19 Jan. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

MARCH 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 42 33	27♒39'13	19♊37	1♒ 3	11♈15	8♒17	21°R18	5♈47	28♐12	18♉ 6	27♏33	22°R43	23♍54	21♊32	n.a.	S 1
S 2	9 46 30	28°37'52	1♋31	1°45	12°21	9° 3	21♍11	5°54	28°15	18° 8	27°33	22♍40	23°51	21°39	n.a.	S 2
M 3	9 50 26	29°36'28	13°30	2°30	13°26	9°49	21° 5	6° 1	28°17	18°10	27°34	22°36	23°48	21°45	n.a.	M 3
T 4	9 54 23	0♓35'03	25°37	3°19	14°32	10°35	20°58	6° 8	28°19	18°12	27°34	22°33	23°44	21°52	n.a.	T 4
W 5	9 58 20	1°33'34	7♌56	4°10	15°36	11°21	20°51	6°15	28°21	18°14	27°34	22°29	23°41	21°59	n.a.	W 5
T 6	10 2 16	2°32'04	20°26	5° 5	16°41	12° 7	20°44	6°22	28°23	18°15	27°34	22°26	23°38	22° 5	n.a.	T 6
F 7	10 6 13	3°30'32	3♍11	6° 3	17°46	12°53	20°38	6°29	28°25	18°17	27°34	22°25	23°35	22°12	n.a.	F 7
S 8	10 10 9	4°28'57	16°10	7° 4	18°50	13°39	20°30	6°36	28°26	18°19	27°35	22°D24	23°32	22°19	n.a.	S 8
S 9	10 14 6	5°27'21	29°22	8° 8	19°54	14°25	20°23	6°43	28°28	18°21	27°35	22°24	23°29	22°26	n.a.	S 9
M10	10 18 2	6°25'43	12♎47	9°14	20°57	15°10	20°16	6°51	28°30	18°22	27°35	22°24	23°25	22°32	n.a.	M10
T 11	10 21 59	7°24'02	26°24	10°23	22° 0	15°56	20° 9	6°58	28°32	18°24	27°35	22°26	23°22	22°39	n.a.	T 11
W12	10 25 55	8°22'21	10♏13	11°34	23° 3	16°42	20° 2	7° 5	28°34	18°25	27°35	22°27	23°19	22°46	n.a.	W12
T 13	10 29 52	9°20'37	24°12	12°47	24° 6	17°28	19°54	7°12	28°35	18°27	27°R35	22°28	23°16	22°53	n.a.	T 13
F 14	10 33 48	10°18'52	8♐19	14° 3	25° 9	18°13	19°47	7°20	28°37	18°29	27°35	22°R28	23°13	22°59	n.a.	F 14
S 15	10 37 45	11°17'05	22°33	15°21	26°11	18°59	19°39	7°27	28°38	18°30	27°35	22°28	23° 9	23° 6	n.a.	S 15
S 16	10 41 42	12°15'17	6♑52	16°41	27°12	19°44	19°32	7°35	28°40	18°32	27°35	22°27	23° 6	23°13	n.a.	S 16
M17	10 45 38	13°13'27	21°11	18° 3	28°14	20°30	19°24	7°42	28°41	18°33	27°35	22°26	23° 3	23°19	n.a.	M17
T 18	10 49 35	14°11'36	5♒28	19°28	29°15	21°15	19°17	7°50	28°43	18°35	27°34	22°25	23° 0	23°26	n.a.	T 18
W19	10 53 31	15° 9'42	19°38	20°54	0♉16	22° 1	19° 9	7°57	28°44	18°36	27°34	22°24	22°57	23°33	n.a.	W19
T 20	10 57 28	16° 7'47	3♓38	22°22	1°16	22°46	19° 2	8° 5	28°46	18°38	27°34	22°24	22°54	23°40	n.a.	T 20
F 21	11 1 24	17° 5'51	17°22	23°52	2°16	23°31	18°54	8°12	28°47	18°39	27°34	22°D23	22°50	23°46	n.a.	F 21
S 22	11 5 21	18° 3'52	0♈50	25°25	3°16	24°17	18°46	8°20	28°48	18°40	27°34	22°23	22°47	23°53	n.a.	S 22
S 23	11 9 17	19° 1'52	13°59	26°59	4°15	25° 2	18°39	8°27	28°49	18°42	27°33	22°24	22°44	24° 0	n.a.	S 23
M24	11 13 14	19°59'49	26°49	28°35	5°14	25°47	18°31	8°35	28°51	18°43	27°33	22°24	22°41	24° 7	n.a.	M24
T 25	11 17 10	20°57'45	9♉21	0♓13	6°12	26°32	18°23	8°43	28°52	18°44	27°33	22°24	22°38	24°13	n.a.	T 25
W26	11 21 7	21°55'39	21°38	1°52	7°10	27°17	18°16	8°51	28°53	18°46	27°32	22°24	22°34	24°20	n.a.	W26
T 27	11 25 4	22°53'31	3♊43	3°34	8° 8	28° 2	18° 8	8°58	28°54	18°47	27°32	22°R24	22°31	24°27	n.a.	T 27
F 28	11 29 0	23°51'21	15°40	5°18	9° 5	28°47	18° 0	9° 6	28°55	18°48	27°31	22°24	22°28	24°33	n.a.	F 28
S 29	11 32 57	24°49'09	27°34	7° 3	10° 1	29°32	17°53	9°14	28°56	18°49	27°31	22°D24	22°25	24°40	n.a.	S 29
S 30	11 36 53	25°46'56	9♋28	8°51	10°57	0♓17	17°45	9°22	28°57	18°50	27°30	22°24	22°22	24°47	n.a.	S 30
M31	11 40 50	26♓44'40	21♋28	10♓40	11♉53	1♓ 2	17♍38	9♈29	28♐57	18♉52	27♏30	22♍25	22♍19	24♊54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s30	18n15	5s13	20s52	0s37	6n 5	1n42	19s37	1s 9	5n 8	1n47	0n14	2s18	24s13	0s22	23s 3	0s27	17s25	2n36	2n57	2n28	18n27		n.a.
S 2	12 9	18 41	5 10	20 54	0 48	6 36	1 46	19 25	1 9	5 11	1 47	0 17	2 17	24 13	0 22	23 3	0 27	17 26	2 36	2 58	2 29	18 28		n.a.
M 3	11 49	18 18	4 53	20 54	0 58	7 5	1 51	19 12	1 9	5 14	1 47	0 20	2 17	24 14	0 22	23 3	0 27	17 26	2 36	2 59	2 30	18 28		n.a.
T 4	11 28	17 5	4 23	20 52	1 8	7 35	1 55	18 59	1 9	5 17	1 47	0 23	2 17	24 14	0 23	23 3	0 27	17 26	2 36	3 1	2 32	18 28		n.a.
W 5	11 6	15 3	3 41	20 48	1 17	8 5	1 59	18 47	1 9	5 19	1 47	0 26	2 17	24 14	0 23	23 3	0 27	17 26	2 36	3 2	2 33	18 29		n.a.
T 6	10 45	12 18	2 47	20 43	1 26	8 34	2 4	18 34	1 9	5 22	1 47	0 29	2 17	24 14	0 23	23 2	0 27	17 26	2 36	3 3	2 34	18 29		n.a.
F 7	10 24	8 54	1 44	20 37	1 34	9 3	2 8	18 20	1 9	5 25	1 47	0 32	2 17	24 14	0 23	23 2	0 27	17 26	2 36	3 4	2 36	18 30		n.a.
S 8	10 2	5 2	0 34	20 29	1 42	9 32	2 12	18 7	1 9	5 28	1 47	0 35	2 16	24 14	0 23	23 2	0 27	17 26	2 36	3 4	2 37	18 30		n.a.
S 9	9 40	0 51	0n38	20 19	1 49	10 0	2 16	17 53	1 9	5 31	1 47	0 38	2 16	24 14	0 23	23 2	0 27	17 26	2 36	3 4	2 38	18 30		n.a.
M10	9 19	3s27	1 50	20 7	1 56	10 29	2 20	17 40	1 9	5 34	1 48	0 41	2 16	24 14	0 23	23 1	0 27	17 26	2 36	3 4	2 39	18 31		n.a.
T 11	8 57	7 37	2 57	19 54	2 2	10 57	2 24	17 26	1 9	5 37	1 48	0 44	2 16	24 14	0 23	23 1	0 27	17 26	2 36	3 3	2 41	18 31		n.a.
W12	8 34	11 26	3 55	19 39	2 7	11 24	2 28	17 12	1 9	5 40	1 48	0 47	2 16	24 14	0 23	23 1	0 27	17 26	2 36	3 3	2 42	18 31		n.a.
T 13	8 12	14 39	4 39	19 23	2 12	11 52	2 32	16 58	1 8	5 43	1 48	0 50	2 16	24 14	0 23	23 1	0 27	17 26	2 36	3 3	2 43	18 32		n.a.
F 14	7 50	17 2	5 7	19 5	2 17	12 19	2 36	16 43	1 8	5 46	1 48	0 53	2 16	24 14	0 23	23 1	0 27	17 26	2 36	3 2	2 44	18 32		n.a.
S 15	7 27	18 23	5 16	18 45	2 20	12 46	2 40	16 29	1 8	5 49	1 48	0 56	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 3	2 46	18 32		n.a.
S 16	7 5	18 35	5 6	18 23	2 23	13 12	2 44	16 14	1 8	5 52	1 48	1 0	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 3	2 47	18 33		n.a.
M17	6 42	17 35	4 38	18 0	2 26	13 38	2 48	15 59	1 8	5 55	1 48	1 3	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 3	2 48	18 33		n.a.
T 18	6 20	15 30	3 52	17 35	2 28	14 4	2 52	15 44	1 8	5 58	1 48	1 6	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 4	2 50	18 33		n.a.
W19	5 57	12 28	2 52	17 8	2 30	14 30	2 56	15 29	1 8	6 1	1 48	1 9	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 4	2 51	18 34		n.a.
T 20	5 34	8 46	1 42	16 40	2 31	14 55	2 59	15 14	1 8	6 4	1 48	1 12	2 15	24 14	0 23	23 0	0 27	17 26	2 36	3 4	2 52	18 34		n.a.
F 21	5 11	4 39	0 28	16 10	2 31	15 20	3 3	14 59	1 8	6 7	1 48	1 15	2 15	24 14	0 23	22 59	0 27	17 26	2 36	3 4	2 53	18 34		n.a.
S 22	4 48	0 23	0s47	15 38	2 31	15 44	3 7	14 44	1 8	6 10	1 48	1 18	2 15	24 14	0 23	22 59	0 27	17 26	2 36	3 4	2 55	18 35		n.a.
S 23	4 25	3n49	1 57	15 5	2 30	16 8	3 10	14 28	1 8	6 13	1 48	1 21	2 15	24 14	0 23	22 59	0 27	17 26	2 36	3 4	2 56	18 35		n.a.
M24	4 2	7 44	3 0	14 29	2 29	16 31	3 13	14 12	1 8	6 16	1 48	1 25	2 14	24 14	0 23	22 59	0 27	17 26	2 36	3 4	2 57	18 35		n.a.
T 25	3 39	11 12	3 52	13 53	2 27	16 55	3 17	13 57	1 7	6 19	1 48	1 28	2 14	24 15	0 23	22 59	0 27	17 26	2 36	3 4	2 59	18 36		n.a.
W26	3 15	14 6	4 33	13 14	2 24	17 17	3 20	13 41	1 7	6 22	1 48	1 31	2 14	24 15	0 23	22 59	0 27	17 26	2 36	3 4	3 0	18 36		n.a.
T 27	2 52	16 21	5 0	12 34	2 21	17 39	3 23	13 25	1 7	6 25	1 48	1 34	2 14	24 15	0 23	22 58	0 27	17 26	2 36	3 4	3 1	18 36		n.a.
F 28	2 29	17 52	5 15	11 52	2 18	18 1	3 26	13 9	1 7	6 28	1 48	1 37	2 14	24 15	0 23	22 58	0 28	17 26	2 36	3 4	3 2	18 37		n.a.
S 29	2 6	18 35	5 16	11 8	2 13	18 23	3 29	12 53	1 7	6 31	1 48	1 40	2 14	24 15	0 23	22 58	0 28	17 26	2 36	3 4	3 4	18 37		n.a.
S 30	1 42	18 29	5 3	10 23	2 9	18 43	3 32	12 36	1 7	6 34	1 47	1 44	2 14	24 15	0 23	22 58	0 28	17 25	2 36	3 4	3 5	18 37		n.a.
M31	1s19	17n33	4s37	9s36	2s 4	19n 4	3n35	12s20	1s 7	6n37	1n47	1n47	2s14	24s15	0s23	22s58	0s28	17s25	2n36	3n 4	3n 6	18n38		n.a.

Julian Day Number = 1192965.5, Delta T = 09h30m18s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'19, Lahiri = -23°55'18 Julian Calendar 1 March 1447 BCE == Greg. Calendar 16 Feb. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

APRIL 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 44 46	27♓42'23	3♌38	12♓31	12♉48	1♓47	17°R30	9♈37	28♐58	18♑53	27°R29	22♍25	22♍15	25♊ 0	n.a.	T 1
W 2	11 48 43	28°40'04	16° 1	14°24	13°42	2°31	17♍23	9°45	28°59	18°54	27♏29	22°26	22°12	25° 7	n.a.	W 2
T 3	11 52 39	29°37'43	28°41	16°19	14°36	3°16	17°16	9°53	29° 0	18°55	27°28	22°26	22° 9	25°14	n.a.	T 3
F 4	11 56 36	0♈35'21	11♍39	18°16	15°29	4° 0	17° 8	10° 1	29° 0	18°56	27°28	22°27	22° 6	25°20	n.a.	F 4
S 5	12 0 33	1°32'57	24°56	20°15	16°22	4°45	17° 1	10° 9	29° 1	18°57	27°27	22°R27	22° 3	25°27	n.a.	S 5
S 6	12 4 29	2°30'31	8♎31	22°16	17°14	5°29	16°54	10°16	29° 1	18°58	27°26	22°27	22° 0	25°34	n.a.	S 6
M 7	12 8 26	3°28'04	22°23	24°18	18° 5	6°14	16°47	10°24	29° 2	18°59	27°26	22°26	21°56	25°41	n.a.	M 7
T 8	12 12 22	4°25'36	6♏28	26°22	18°56	6°58	16°40	10°32	29° 2	19° 0	27°25	22°24	21°53	25°47	n.a.	T 8
W 9	12 16 19	5°23'07	20°42	28°27	19°46	7°43	16°33	10°40	29° 3	19° 0	27°24	22°23	21°50	25°54	n.a.	W 9
T 10	12 20 15	6°20'36	5♐ 1	0♈34	20°35	8°27	16°26	10°48	29° 3	19° 1	27°23	22°21	21°47	26° 1	n.a.	T 10
F 11	12 24 12	7°18'05	19°21	2°42	21°24	9°11	16°19	10°56	29° 3	19° 2	27°22	22°20	21°44	26° 8	n.a.	F 11
S 12	12 28 8	8°15'33	3♑38	4°51	22°11	9°55	16°13	11° 4	29° 4	19° 3	27°22	22°D20	21°40	26°14	n.a.	S 12
S 13	12 32 5	9°13'00	17°50	7° 1	22°58	10°39	16° 6	11°12	29° 4	19° 3	27°21	22°20	21°37	26°21	n.a.	S 13
M14	12 36 2	10°10'25	1♒53	9°12	23°44	11°23	16° 0	11°20	29° 4	19° 4	27°20	22°20	21°34	26°28	n.a.	M14
T 15	12 39 58	11° 7'50	15°48	11°23	24°29	12° 7	15°53	11°28	29° 4	19° 5	27°19	22°22	21°31	26°34	n.a.	T 15
W16	12 43 55	12° 5'14	29°31	13°35	25°14	12°51	15°47	11°36	29° 4	19° 5	27°18	22°23	21°28	26°41	n.a.	W16
T 17	12 47 51	13° 2'37	13♓ 3	15°46	25°57	13°35	15°41	11°44	29°R 4	19° 6	27°17	22°24	21°25	26°48	n.a.	T 17
F 18	12 51 48	13°59'59	26°23	17°57	26°39	14°19	15°35	11°52	29° 4	19° 7	27°16	22°R24	21°21	26°55	n.a.	F 18
S 19	12 55 44	14°57'21	9♈29	20° 8	27°21	15° 3	15°29	12° 0	29° 4	19° 7	27°15	22°23	21°18	27° 1	n.a.	S 19
S 20	12 59 41	15°54'41	22°22	22°17	28° 1	15°47	15°23	12° 7	29° 4	19° 8	27°14	22°21	21°15	27° 8	n.a.	S 20
M21	13 3 37	16°52'00	5♉ 0	24°25	28°40	16°30	15°17	12°15	29° 4	19° 8	27°13	22°18	21°12	27°15	n.a.	M21
T 22	13 7 34	17°49'18	17°26	26°32	29°19	17°14	15°12	12°23	29° 3	19° 9	27°12	22°14	21° 9	27°21	n.a.	T 22
W23	13 11 31	18°46'35	29°39	28°37	29°56	17°57	15° 7	12°31	29° 3	19° 9	27°11	22°10	21° 5	27°28	n.a.	W23
T 24	13 15 27	19°43'51	11♊42	0♉41	0♊31	18°41	15° 1	12°39	29° 3	19° 9	27°10	22° 6	21° 2	27°35	n.a.	T 24
F 25	13 19 24	20°41'06	23°38	2°43	1° 6	19°24	14°56	12°47	29° 2	19°10	27° 9	22° 2	20°59	27°42	n.a.	F 25
S 26	13 23 20	21°38'19	5♋31	4°42	1°39	20° 8	14°51	12°55	29° 2	19°10	27° 8	22° 0	20°56	27°48	n.a.	S 26
S 27	13 27 17	22°35'32	17°25	6°39	2°11	20°51	14°47	13° 3	29° 1	19°10	27° 6	21°D58	20°53	27°55	n.a.	S 27
M28	13 31 13	23°32'44	29°24	8°35	2°41	21°34	14°42	13°11	29° 1	19°11	27° 5	21°59	20°50	28° 2	n.a.	M28
T 29	13 35 10	24°29'55	11♌33	10°27	3°10	22°17	14°38	13°18	29° 0	19°11	27° 4	22° 0	20°46	28° 9	n.a.	T 29
W30	13 39 6	25♈27'04	23♌56	12♉18	3♊37	23♓ 1	14♍33	13♈26	29♐ 0	19♑11	27♏ 3	22♍ 1	20♍43	28♊15	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s56	15n49	3s59	8s47	1s58	19n24	3n37	12s 4	1s 6	6n40	1n47	1n50	2s14	24s15	0s23	22s58	0s28	17s25	2n36	3n 4	3n 7	18n38		n.a.
W 2	0 32	13 19	3 8	7 57	1 51	19 43	3 40	11 47	1 6	6 43	1 47	1 53	2 14	24 15	0 23	22 58	0 28	17 25	2 36	3 3	3 9	18 38		n.a.
T 3	0 9	10 9	2 8	7 5	1 45	20 2	3 42	11 31	1 6	6 45	1 47	1 56	2 14	24 15	0 23	22 57	0 28	17 25	2 36	3 3	3 10	18 38		n.a.
F 4	0n14	6 24	0 59	6 12	1 37	20 21	3 45	11 14	1 6	6 48	1 47	2 0	2 13	24 15	0 23	22 57	0 28	17 25	2 36	3 3	3 11	18 39		n.a.
S 5	0 38	2 15	0n14	5 18	1 29	20 38	3 47	10 57	1 6	6 51	1 47	2 3	2 13	24 15	0 23	22 57	0 28	17 25	2 36	3 3	3 13	18 39		n.a.
S 6	1 1	2s 6	1 28	4 22	1 21	20 56	3 49	10 40	1 5	6 54	1 47	2 6	2 13	24 15	0 23	22 57	0 28	17 25	2 36	3 3	3 14	18 39		n.a.
M 7	1 24	6 25	2 38	3 25	1 12	21 13	3 51	10 24	1 5	6 56	1 47	2 9	2 13	24 15	0 23	22 57	0 28	17 25	2 36	3 3	3 15	18 40		n.a.
T 8	1 47	10 27	3 40	2 26	1 3	21 29	3 53	10 7	1 5	6 59	1 46	2 12	2 13	24 15	0 23	22 57	0 28	17 24	2 35	3 4	3 16	18 40		n.a.
W 9	2 11	13 55	4 29	1 27	0 54	21 45	3 55	9 50	1 5	7 2	1 46	2 16	2 13	24 15	0 23	22 57	0 28	17 24	2 35	3 4	3 18	18 40		n.a.
T 10	2 34	16 34	5 2	0 27	0 44	22 0	3 56	9 32	1 5	7 4	1 46	2 19	2 13	24 15	0 23	22 57	0 28	17 24	2 35	3 5	3 19	18 40		n.a.
F 11	2 57	18 11	5 15	0n34	0 34	22 14	3 57	9 15	1 4	7 7	1 46	2 22	2 13	24 15	0 24	22 57	0 28	17 24	2 35	3 6	3 20	18 41		n.a.
S 12	3 20	18 39	5 10	1 36	0 24	22 28	3 59	8 58	1 4	7 9	1 46	2 25	2 13	24 15	0 24	22 57	0 28	17 24	2 35	3 6	3 21	18 41		n.a.
S 13	3 43	17 56	4 45	2 38	0 13	22 42	4 0	8 41	1 4	7 12	1 46	2 28	2 13	24 15	0 24	22 57	0 28	17 24	2 35	3 6	3 23	18 41		n.a.
M14	4 6	16 8	4 4	3 40	0 3	22 55	4 0	8 24	1 4	7 14	1 45	2 32	2 13	24 15	0 24	22 56	0 28	17 24	2 35	3 5	3 24	18 41		n.a.
T 15	4 29	13 23	3 8	4 42	0n 8	23 7	4 1	8 6	1 3	7 16	1 45	2 35	2 13	24 15	0 24	22 56	0 28	17 23	2 35	3 5	3 25	18 42		n.a.
W16	4 52	9 56	2 3	5 44	0 18	23 19	4 2	7 49	1 3	7 19	1 45	2 38	2 13	24 15	0 24	22 56	0 28	17 23	2 35	3 4	3 27	18 42		n.a.
T 17	5 14	5 59	0 51	6 45	0 29	23 30	4 2	7 32	1 3	7 21	1 45	2 41	2 13	24 15	0 24	22 56	0 28	17 23	2 35	3 4	3 28	18 42		n.a.
F 18	5 37	1 48	0s22	7 46	0 39	23 40	4 2	7 14	1 3	7 23	1 45	2 44	2 13	24 15	0 24	22 56	0 28	17 23	2 35	3 4	3 29	18 42		n.a.
S 19	6 0	2n24	1 33	8 45	0 49	23 50	4 2	6 57	1 2	7 25	1 44	2 47	2 13	24 15	0 24	22 56	0 28	17 23	2 35	3 4	3 30	18 43		n.a.
S 20	6 22	6 25	2 37	9 44	0 58	23 59	4 2	6 39	1 2	7 27	1 44	2 51	2 13	24 15	0 24	22 56	0 28	17 22	2 35	3 5	3 32	18 43		n.a.
M21	6 44	10 5	3 33	10 40	1 8	24 8	4 1	6 22	1 2	7 29	1 44	2 54	2 13	24 15	0 24	22 56	0 28	17 22	2 35	3 6	3 33	18 43		n.a.
T 22	7 7	13 13	4 17	11 36	1 16	24 16	4 0	6 4	1 1	7 31	1 44	2 57	2 13	24 15	0 24	22 56	0 28	17 22	2 35	3 8	3 34	18 43		n.a.
W23	7 29	15 43	4 49	12 29	1 25	24 23	3 59	5 47	1 1	7 33	1 44	3 0	2 13	24 15	0 24	22 56	0 28	17 22	2 35	3 10	3 36	18 44		n.a.
T 24	7 51	17 30	5 8	13 21	1 32	24 30	3 58	5 29	1 1	7 35	1 43	3 3	2 13	24 15	0 24	22 56	0 28	17 22	2 35	3 11	3 37	18 44		n.a.
F 25	8 13	18 30	5 13	14 11	1 40	24 36	3 56	5 11	1 0	7 37	1 43	3 6	2 13	24 15	0 24	22 56	0 28	17 21	2 35	3 13	3 38	18 44		n.a.
S 26	8 35	18 41	5 4	14 59	1 46	24 41	3 55	4 54	1 0	7 39	1 43	3 9	2 13	24 15	0 24	22 56	0 28	17 21	2 35	3 14	3 39	18 44		n.a.
S 27	8 56	18 2	4 43	15 44	1 52	24 46	3 53	4 36	1 0	7 40	1 43	3 12	2 13	24 15	0 24	22 56	0 28	17 21	2 35	3 14	3 41	18 44		n.a.
M28	9 18	16 35	4 9	16 27	1 57	24 50	3 50	4 18	0 59	7 42	1 42	3 16	2 13	24 16	0 24	22 56	0 28	17 21	2 35	3 14	3 42	18 45		n.a.
T 29	9 39	14 22	3 23	17 8	2 2	24 53	3 48	4 1	0 59	7 43	1 42	3 19	2 13	24 16	0 24	22 56	0 28	17 21	2 35	3 14	3 43	18 45		n.a.
W30	10n 1	11n28	2s27	17n47	2n 5	24n55	3n45	3s43	0s59	7n45	1n42	3n22	2s13	24s16	0s24	22s56	0s28	17s20	2n34	3n13	3n44	18n45		n.a.

Julian Day Number = 1192996.5, Delta T = 09h30m16s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'15, Lahiri = -23°55'14 Julian Calendar 1 Apr. 1447 BCE == Greg. Calendar 19 March 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

MAY 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 43 3	26♈24'13	6♍39	14♉ 5	4♊ 3	23♓44	14°R29	13♈34	28°R59	19♑11	27°R 2	22♍ 3	20♍40	28♊22	n.a.	T 1
F 2	13 47 0	27°21'21	19°44	15°51	4°27	24°27	14♍25	13°42	28♐58	19°11	27♏ 0	22°R 3	20°37	28°29	n.a.	F 2
S 3	13 50 56	28°18'28	3♎12	17°34	4°49	25°10	14°21	13°50	28°58	19°11	26°59	22° 3	20°34	28°35	n.a.	S 3
S 4	13 54 53	29°15'34	17° 5	19°14	5°10	25°52	14°18	13°57	28°57	19°11	26°58	22° 1	20°31	28°42	n.a.	S 4
M 5	13 58 49	0♉12'40	1♏20	20°52	5°29	26°35	14°14	14° 5	28°56	19°R11	26°57	21°57	20°27	28°49	n.a.	M 5
T 6	14 2 46	1° 9'46	15°51	22°27	5°45	27°18	14°11	14°13	28°55	19°11	26°55	21°52	20°24	28°56	n.a.	T 6
W 7	14 6 42	2° 6'50	0♐33	24° 0	6° 0	28° 1	14° 8	14°21	28°54	19°11	26°54	21°46	20°21	29° 2	n.a.	W 7
T 8	14 10 39	3° 3'55	15°17	25°30	6°13	28°43	14° 5	14°28	28°53	19°11	26°53	21°40	20°18	29° 9	n.a.	T 8
F 9	14 14 35	4° 1'00	29°58	26°57	6°24	29°26	14° 2	14°36	28°52	19°11	26°51	21°35	20°15	29°16	n.a.	F 9
S 10	14 18 32	4°58'04	14♑28	28°22	6°33	0♈ 8	13°59	14°44	28°51	19°11	26°50	21°32	20°11	29°23	n.a.	S 10
S 11	14 22 29	5°55'09	28°43	29°44	6°40	0°51	13°57	14°51	28°50	19°11	26°49	21°30	20° 8	29°29	n.a.	S 11
M12	14 26 25	6°52'13	12♒42	1♊ 4	6°44	1°33	13°54	14°59	28°49	19°11	26°47	21°D30	20° 5	29°36	n.a.	M12
T 13	14 30 22	7°49'17	26°24	2°20	6°R46	2°16	13°52	15° 6	28°48	19°10	26°46	21°31	20° 2	29°43	n.a.	T 13
W14	14 34 18	8°46'22	9♓49	3°34	6°46	2°58	13°50	15°14	28°46	19°10	26°44	21°32	19°59	29°49	n.a.	W14
T 15	14 38 15	9°43'26	23° 0	4°45	6°44	3°40	13°48	15°21	28°45	19°10	26°43	21°R33	19°56	29°56	n.a.	T 15
F 16	14 42 11	10°40'31	5♈57	5°53	6°39	4°22	13°47	15°29	28°44	19°10	26°42	21°32	19°52	0♋ 3	n.a.	F 16
S 17	14 46 8	11°37'35	18°43	6°59	6°32	5° 4	13°45	15°36	28°42	19° 9	26°40	21°29	19°49	0°10	n.a.	S 17
S 18	14 50 4	12°34'40	1♉17	8° 1	6°22	5°46	13°44	15°44	28°41	19° 9	26°39	21°23	19°46	0°16	n.a.	S 18
M19	14 54 1	13°31'44	13°41	8°59	6°10	6°28	13°43	15°51	28°40	19° 8	26°37	21°16	19°43	0°23	n.a.	M19
T 20	14 57 58	14°28'49	25°56	9°55	5°56	7°10	13°42	15°58	28°38	19° 8	26°36	21° 7	19°40	0°30	n.a.	T 20
W21	15 1 54	15°25'53	8♊ 2	10°47	5°40	7°52	13°42	16° 6	28°37	19° 7	26°34	20°57	19°37	0°36	n.a.	W21
T 22	15 5 51	16°22'58	20° 1	11°36	5°21	8°34	13°41	16°13	28°35	19° 7	26°33	20°47	19°33	0°43	n.a.	T 22
F 23	15 9 47	17°20'02	1♋55	12°21	5° 0	9°15	13°41	16°20	28°33	19° 6	26°31	20°38	19°30	0°50	n.a.	F 23
S 24	15 13 44	18°17'06	13°46	13° 3	4°36	9°57	13°D41	16°27	28°32	19° 6	26°30	20°30	19°27	0°57	n.a.	S 24
S 25	15 17 40	19°14'11	25°38	13°40	4°11	10°39	13°41	16°34	28°30	19° 5	26°29	20°25	19°24	1° 3	n.a.	S 25
M26	15 21 37	20°11'15	7♌34	14°14	3°44	11°20	13°41	16°42	28°29	19° 5	26°27	20°23	19°21	1°10	n.a.	M26
T 27	15 25 34	21° 8'19	19°41	14°43	3°15	12° 2	13°41	16°49	28°27	19° 4	26°26	20°D22	19°17	1°17	n.a.	T 27
W28	15 29 30	22° 5'23	2♍ 2	15° 8	2°44	12°43	13°42	16°56	28°25	19° 3	26°24	20°22	19°14	1°24	n.a.	W28
T 29	15 33 27	23° 2'27	14°42	15°29	2°11	13°24	13°43	17° 3	28°23	19° 3	26°23	20°R23	19°11	1°30	n.a.	T 29
F 30	15 37 23	23°59'31	27°46	15°46	1°38	14° 5	13°43	17°10	28°21	19° 2	26°21	20°23	19° 8	1°37	n.a.	F 30
S 31	15 41 20	24♉56'35	11♎18	15♊57	1♊ 3	14♈47	13♍45	17♈16	28♐20	19♑ 1	26♏20	20♍21	19♍ 5	1♋44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n22	7n57	1s23	18n23	2n 9	24n57	3n42	3s25	0s58	7n46	1n42	3n25	2s13	24s16	0s24	22s56	0s28	17s20	2n34	3n13	3n46	18n45		n.a.
F 2	10 43	3 57	0 13	18 58	2 11	24 58	3 38	3 8	0 58	7 47	1 41	3 28	2 13	24 16	0 24	22 56	0 29	17 20	2 34	3 12	3 47	18 45		n.a.
S 3	11 4	0s23	1n 0	19 29	2 13	24 59	3 34	2 50	0 58	7 49	1 41	3 31	2 13	24 16	0 24	22 56	0 29	17 20	2 34	3 12	3 48	18 46		n.a.
S 4	11 24	4 48	2 12	19 59	2 14	24 58	3 30	2 32	0 57	7 50	1 41	3 34	2 13	24 16	0 24	22 56	0 29	17 19	2 34	3 13	3 49	18 46		n.a.
M 5	11 45	9 4	3 17	20 26	2 14	24 57	3 25	2 15	0 57	7 51	1 40	3 37	2 13	24 16	0 24	22 56	0 29	17 19	2 34	3 15	3 51	18 46		n.a.
T 6	12 5	12 53	4 11	20 51	2 14	24 56	3 20	1 57	0 56	7 52	1 40	3 40	2 13	24 16	0 24	22 56	0 29	17 19	2 34	3 17	3 52	18 46		n.a.
W 7	12 25	15 55	4 49	21 14	2 12	24 53	3 15	1 40	0 56	7 53	1 40	3 43	2 13	24 16	0 24	22 56	0 29	17 19	2 34	3 19	3 53	18 46		n.a.
T 8	12 45	17 56	5 7	21 35	2 11	24 50	3 9	1 22	0 56	7 54	1 40	3 46	2 13	24 16	0 24	22 56	0 29	17 19	2 34	3 22	3 55	18 47		n.a.
F 9	13 5	18 46	5 6	21 54	2 8	24 46	3 3	1 4	0 55	7 55	1 39	3 49	2 13	24 16	0 24	22 56	0 29	17 18	2 34	3 23	3 56	18 47		n.a.
S 10	13 24	18 20	4 45	22 10	2 5	24 41	2 56	0 47	0 55	7 56	1 39	3 52	2 13	24 16	0 24	22 56	0 29	17 18	2 34	3 25	3 57	18 47		n.a.
S 11	13 44	16 45	4 7	22 25	2 1	24 35	2 49	0 29	0 54	7 56	1 39	3 55	2 13	24 16	0 24	22 56	0 29	17 18	2 34	3 26	3 58	18 47		n.a.
M12	14 3	14 12	3 14	22 38	1 56	24 28	2 42	0 12	0 54	7 57	1 38	3 58	2 13	24 16	0 24	22 56	0 29	17 18	2 34	3 26	4 0	18 47		n.a.
T 13	14 22	10 53	2 12	22 49	1 51	24 21	2 34	0n 6	0 54	7 57	1 38	4 1	2 13	24 16	0 24	22 56	0 29	17 17	2 34	3 25	4 1	18 47		n.a.
W14	14 40	7 3	1 3	22 57	1 45	24 13	2 26	0 23	0 53	7 58	1 38	4 3	2 13	24 16	0 24	22 56	0 29	17 17	2 34	3 25	4 2	18 48		n.a.
T 15	14 59	2 57	0s 8	23 5	1 39	24 4	2 17	0 41	0 53	7 58	1 37	4 6	2 13	24 16	0 24	22 56	0 29	17 17	2 33	3 25	4 3	18 48		n.a.
F 16	15 17	1n14	1 17	23 10	1 31	23 54	2 8	0 58	0 52	7 59	1 37	4 9	2 13	24 16	0 24	22 57	0 29	17 17	2 33	3 25	4 5	18 48		n.a.
S 17	15 35	5 17	2 21	23 14	1 23	23 43	1 58	1 16	0 52	7 59	1 37	4 12	2 13	24 16	0 24	22 57	0 29	17 16	2 33	3 26	4 6	18 48		n.a.
S 18	15 53	9 3	3 17	23 16	1 15	23 32	1 48	1 33	0 51	7 59	1 37	4 15	2 14	24 16	0 24	22 57	0 29	17 16	2 33	3 28	4 7	18 48		n.a.
M19	16 11	12 22	4 3	23 16	1 6	23 19	1 37	1 50	0 51	7 59	1 36	4 18	2 14	24 16	0 25	22 57	0 29	17 16	2 33	3 31	4 9	18 48		n.a.
T 20	16 28	15 6	4 36	23 15	0 56	23 6	1 26	2 7	0 50	7 59	1 36	4 20	2 14	24 16	0 25	22 57	0 29	17 16	2 33	3 35	4 10	18 48		n.a.
W21	16 45	17 9	4 57	23 13	0 46	22 52	1 15	2 25	0 50	7 59	1 36	4 23	2 14	24 16	0 25	22 57	0 29	17 15	2 33	3 39	4 11	18 49		n.a.
T 22	17 2	18 25	5 5	23 9	0 35	22 37	1 3	2 42	0 50	7 59	1 35	4 26	2 14	24 16	0 25	22 57	0 29	17 15	2 33	3 43	4 12	18 49		n.a.
F 23	17 18	18 52	4 59	23 4	0 23	22 21	0 51	2 59	0 49	7 59	1 35	4 29	2 14	24 16	0 25	22 57	0 29	17 15	2 33	3 47	4 14	18 49		n.a.
S 24	17 35	18 29	4 41	22 57	0 11	22 4	0 39	3 16	0 49	7 59	1 35	4 31	2 14	24 16	0 25	22 57	0 29	17 14	2 33	3 50	4 15	18 49		n.a.
S 25	17 51	17 18	4 10	22 50	0s 1	21 47	0 26	3 33	0 48	7 59	1 34	4 34	2 14	24 16	0 25	22 57	0 29	17 14	2 33	3 52	4 16	18 49		n.a.
M26	18 6	15 21	3 28	22 41	0 14	21 28	0 13	3 50	0 48	7 58	1 34	4 37	2 14	24 16	0 25	22 58	0 29	17 14	2 33	3 53	4 17	18 49		n.a.
T 27	18 22	12 42	2 36	22 31	0 28	21 10	0s 1	4 7	0 47	7 58	1 34	4 39	2 14	24 16	0 25	22 58	0 29	17 14	2 32	3 53	4 19	18 49		n.a.
W28	18 37	9 26	1 36	22 20	0 41	20 50	0 15	4 24	0 47	7 57	1 33	4 42	2 14	24 16	0 25	22 58	0 29	17 13	2 32	3 53	4 20	18 49		n.a.
T 29	18 52	5 40	0 30	22 8	0 56	20 30	0 28	4 41	0 46	7 57	1 33	4 45	2 14	24 16	0 25	22 58	0 29	17 13	2 32	3 53	4 21	18 50		n.a.
F 30	19 6	1 30	0n39	21 55	1 10	20 10	0 42	4 57	0 46	7 56	1 33	4 47	2 15	24 16	0 25	22 58	0 29	17 13	2 32	3 53	4 22	18 50		n.a.
S 31	19n20	2s53	1n49	21n42	1s25	19n49	0s56	5n14	0s45	7n55	1n33	4n50	2s15	24s16	0s25	22s58	0s29	17s13	2n32	3n53	4n24	18n50		n.a.

Julian Day Number = 1193026.5, Delta T = 09h30m14s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'10, Lahiri = -23°55'10 Julian Calendar 1 May 1447 BCE == Greg. Calendar 18 Apr. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

JUNE 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 45 16	25♉53'39	25♎18	16♊ 5	0°R27	15♈28	13♍46	17♈23	28°R18	19°R 0	26°R18	20°R17	19♍ 2	1♋50	n.a.	S 1
M 2	15 49 13	26°50'44	9♏45	16°R 7	29♉50	16° 9	13°47	17°30	28♐16	18♑59	26♏17	20♍10	18°58	1°57	n.a.	M 2
T 3	15 53 9	27°47'49	24°34	16° 4	29°13	16°50	13°49	17°37	28°14	18°58	26°15	20° 2	18°55	2° 4	n.a.	T 3
W 4	15 57 6	28°44'55	9♐37	15°57	28°36	17°30	13°51	17°43	28°12	18°58	26°14	19°52	18°52	2°11	n.a.	W 4
T 5	16 1 3	29°42'01	24°44	15°45	27°58	18°11	13°53	17°50	28°10	18°57	26°12	19°43	18°49	2°17	n.a.	T 5
F 6	16 4 59	0♊39'08	9♑46	15°29	27°21	18°52	13°55	17°57	28° 8	18°56	26°11	19°34	18°46	2°24	n.a.	F 6
S 7	16 8 56	1°36'16	24°34	15° 7	26°44	19°33	13°57	18° 3	28° 6	18°55	26° 9	19°28	18°42	2°31	n.a.	S 7
S 8	16 12 52	2°33'24	9♒ 1	14°42	26° 9	20°13	14° 0	18°10	28° 4	18°54	26° 8	19°24	18°39	2°37	n.a.	S 8
M 9	16 16 49	3°30'34	23° 4	14°13	25°34	20°54	14° 3	18°16	28° 2	18°53	26° 6	19°22	18°36	2°44	n.a.	M 9
T 10	16 20 45	4°27'44	6♓44	13°40	25° 0	21°34	14° 6	18°22	28° 0	18°52	26° 5	19°D21	18°33	2°51	n.a.	T 10
W11	16 24 42	5°24'55	20° 3	13° 4	24°27	22°15	14° 9	18°29	27°57	18°51	26° 3	19°R21	18°30	2°58	n.a.	W11
T 12	16 28 39	6°22'08	3♈ 1	12°25	23°56	22°55	14°12	18°35	27°55	18°50	26° 2	19°21	18°27	3° 4	n.a.	T 12
F 13	16 32 35	7°19'21	15°44	11°44	23°27	23°36	14°15	18°41	27°53	18°48	26° 0	19°19	18°23	3°11	n.a.	F 13
S 14	16 36 32	8°16'36	28°14	11° 2	23° 0	24°16	14°19	18°47	27°51	18°47	25°59	19°14	18°20	3°18	n.a.	S 14
S 15	16 40 28	9°13'51	10♉34	10°20	22°34	24°56	14°22	18°53	27°49	18°46	25°57	19° 6	18°17	3°24	n.a.	S 15
M16	16 44 25	10°11'08	22°45	9°37	22°11	25°36	14°26	18°59	27°46	18°45	25°56	18°55	18°14	3°31	n.a.	M16
T 17	16 48 21	11° 8'26	4♊50	8°55	21°49	26°16	14°30	19° 5	27°44	18°44	25°54	18°43	18°11	3°38	n.a.	T 17
W18	16 52 18	12° 5'44	16°48	8°15	21°30	26°56	14°35	19°11	27°42	18°43	25°53	18°29	18° 8	3°45	n.a.	W18
T 19	16 56 14	13° 3'04	28°43	7°38	21°14	27°36	14°39	19°17	27°40	18°41	25°52	18°15	18° 4	3°51	n.a.	T 19
F 20	17 0 11	14° 0'25	10♋34	7° 3	20°59	28°16	14°44	19°23	27°37	18°40	25°50	18° 3	18° 1	3°58	n.a.	F 20
S 21	17 4 8	14°57'46	22°24	6°32	20°47	28°55	14°48	19°28	27°35	18°39	25°49	17°52	17°58	4° 5	n.a.	S 21
S 22	17 8 4	15°55'08	4♌16	6° 6	20°37	29°35	14°53	19°34	27°33	18°37	25°47	17°44	17°55	4°12	n.a.	S 22
M23	17 12 1	16°52'32	16°13	5°44	20°30	0♉15	14°58	19°39	27°30	18°36	25°46	17°39	17°52	4°18	n.a.	M23
T 24	17 15 57	17°49'56	28°18	5°28	20°25	0°54	15° 3	19°45	27°28	18°35	25°45	17°37	17°48	4°25	n.a.	T 24
W25	17 19 54	18°47'21	10♍36	5°18	20°23	1°34	15° 9	19°50	27°26	18°33	25°43	17°36	17°45	4°32	n.a.	W25
T 26	17 23 50	19°44'47	23°13	5°D14	20°D22	2°13	15°14	19°55	27°23	18°32	25°42	17°36	17°42	4°38	n.a.	T 26
F 27	17 27 47	20°42'14	6♎13	5°16	20°24	2°52	15°20	20° 1	27°21	18°31	25°41	17°35	17°39	4°45	n.a.	F 27
S 28	17 31 43	21°39'42	19°40	5°25	20°28	3°31	15°25	20° 6	27°19	18°29	25°39	17°33	17°36	4°52	n.a.	S 28
S 29	17 35 40	22°37'11	3♏37	5°41	20°35	4°10	15°31	20°11	27°16	18°28	25°38	17°29	17°33	4°59	n.a.	S 29
M30	17 39 37	23♊34'41	18♏ 3	6♊ 3	20♉44	4♉50	15♍37	20♈16	27♐14	18♑26	25♏37	17♍22	17♍29	5♋ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19n34	7s15	2n55	21n28	1s40	19n27	1s10	5n31	0s44	7n54	1n32	4n52	2s15	24s16	0s25	22s58	0s29	17s12	2n32	3n55	4n25	18n50			n.a.
M 2	19 48	11 21	3 51	21 13	1 55	19 6	1 24	5 47	0 44	7 54	1 32	4 55	2 15	24 16	0 25	22 58	0 29	17 12	2 32	3 58	4 26	18 50			n.a.
T 3	20 1	14 50	4 33	20 58	2 10	18 44	1 38	6 3	0 43	7 53	1 32	4 57	2 15	24 16	0 25	22 59	0 29	17 12	2 32	4 1	4 28	18 50			n.a.
W 4	20 14	17 23	4 57	20 42	2 25	18 23	1 52	6 20	0 43	7 52	1 31	5 0	2 15	24 16	0 25	22 59	0 29	17 12	2 32	4 5	4 29	18 50			n.a.
T 5	20 27	18 44	5 1	20 26	2 40	18 1	2 6	6 36	0 42	7 51	1 31	5 2	2 15	24 16	0 25	22 59	0 29	17 11	2 32	4 9	4 30	18 50			n.a.
F 6	20 39	18 47	4 44	20 10	2 55	17 40	2 19	6 52	0 42	7 49	1 31	5 5	2 15	24 16	0 25	22 59	0 29	17 11	2 31	4 12	4 31	18 50			n.a.
S 7	20 51	17 31	4 8	19 53	3 9	17 18	2 32	7 9	0 41	7 48	1 30	5 7	2 15	24 16	0 25	22 59	0 29	17 11	2 31	4 15	4 33	18 50			n.a.
S 8	21 2	15 10	3 17	19 37	3 22	16 58	2 45	7 25	0 41	7 47	1 30	5 10	2 16	24 16	0 25	22 59	0 30	17 11	2 31	4 16	4 34	18 51			n.a.
M 9	21 14	11 57	2 15	19 21	3 35	16 37	2 57	7 41	0 40	7 46	1 30	5 12	2 16	24 16	0 25	23 0	0 30	17 10	2 31	4 17	4 35	18 51			n.a.
T 10	21 24	8 10	1 6	19 5	3 47	16 18	3 9	7 57	0 40	7 44	1 29	5 14	2 16	24 16	0 25	23 0	0 30	17 10	2 31	4 17	4 36	18 51			n.a.
W11	21 35	4 4	0s 4	18 50	3 58	15 59	3 20	8 13	0 39	7 43	1 29	5 17	2 16	24 16	0 25	23 0	0 30	17 10	2 31	4 17	4 38	18 51			n.a.
T 12	21 45	0n 8	1 12	18 36	4 7	15 41	3 31	8 28	0 38	7 41	1 29	5 19	2 16	24 16	0 25	23 0	0 30	17 10	2 31	4 17	4 39	18 51			n.a.
F 13	21 55	4 14	2 15	18 22	4 16	15 23	3 42	8 44	0 38	7 40	1 28	5 21	2 16	24 16	0 25	23 0	0 30	17 10	2 31	4 18	4 40	18 51			n.a.
S 14	22 4	8 5	3 10	18 10	4 22	15 7	3 52	9 0	0 37	7 38	1 28	5 23	2 16	24 16	0 25	23 0	0 30	17 9	2 31	4 20	4 41	18 51			n.a.
S 15	22 13	11 32	3 56	17 59	4 28	14 52	4 1	9 15	0 37	7 36	1 28	5 25	2 17	24 16	0 25	23 1	0 30	17 9	2 30	4 23	4 43	18 51			n.a.
M16	22 22	14 26	4 30	17 49	4 31	14 37	4 10	9 31	0 36	7 34	1 28	5 28	2 17	24 16	0 25	23 1	0 30	17 9	2 30	4 28	4 44	18 51			n.a.
T 17	22 30	16 42	4 51	17 41	4 33	14 24	4 18	9 46	0 35	7 32	1 27	5 30	2 17	24 16	0 25	23 1	0 30	17 9	2 30	4 33	4 45	18 51			n.a.
W18	22 38	18 13	5 0	17 34	4 34	14 11	4 25	10 1	0 35	7 31	1 27	5 32	2 17	24 16	0 25	23 1	0 30	17 8	2 30	4 38	4 46	18 51			n.a.
T 19	22 46	18 56	4 55	17 30	4 32	14 0	4 32	10 16	0 34	7 29	1 27	5 34	2 17	24 16	0 25	23 1	0 30	17 8	2 30	4 43	4 48	18 51			n.a.
F 20	22 53	18 49	4 37	17 27	4 29	13 50	4 39	10 31	0 34	7 26	1 26	5 36	2 17	24 16	0 25	23 2	0 30	17 8	2 30	4 48	4 49	18 51			n.a.
S 21	23 0	17 53	4 8	17 27	4 24	13 41	4 45	10 46	0 33	7 24	1 26	5 38	2 17	24 16	0 25	23 2	0 30	17 8	2 30	4 53	4 50	18 51			n.a.
S 22	23 6	16 10	3 28	17 28	4 18	13 34	4 50	11 1	0 32	7 22	1 26	5 40	2 18	24 15	0 25	23 2	0 30	17 8	2 30	4 56	4 52	18 51			n.a.
M23	23 12	13 45	2 38	17 32	4 10	13 27	4 55	11 16	0 32	7 20	1 25	5 42	2 18	24 15	0 25	23 2	0 30	17 7	2 29	4 58	4 53	18 51			n.a.
T 24	23 18	10 43	1 40	17 38	4 1	13 22	4 59	11 30	0 31	7 18	1 25	5 44	2 18	24 15	0 25	23 2	0 30	17 7	2 29	4 59	4 54	18 51			n.a.
W25	23 23	7 9	0 37	17 46	3 51	13 17	5 3	11 45	0 30	7 15	1 25	5 46	2 18	24 15	0 25	23 3	0 30	17 7	2 29	4 59	4 55	18 52			n.a.
T 26	23 27	3 11	0n30	17 57	3 40	13 14	5 7	11 59	0 30	7 13	1 25	5 48	2 18	24 15	0 25	23 3	0 30	17 7	2 29	4 59	4 57	18 52			n.a.
F 27	23 32	1s 2	1 37	18 9	3 28	13 12	5 9	12 14	0 29	7 10	1 24	5 49	2 18	24 15	0 25	23 3	0 30	17 7	2 29	4 59	4 58	18 52			n.a.
S 28	23 36	5 21	2 41	18 24	3 15	13 10	5 12	12 28	0 28	7 8	1 24	5 51	2 19	24 15	0 25	23 3	0 30	17 6	2 29	5 0	4 59	18 52			n.a.
S 29	23 39	9 32	3 38	18 40	3 1	13 10	5 14	12 42	0 28	7 5	1 24	5 53	2 19	24 15	0 25	23 4	0 30	17 6	2 29	5 2	5 0	18 52			n.a.
M30	23n42	13s18	4n23	18n58	2s46	13n11	5s16	12n56	0s27	7n 3	1n23	5n55	2s19	24s15	0s25	23s 4	0s30	17s 6	2n28	5n 4	5n 2	18n52			n.a.

Julian Day Number = 1193057.5, Delta T = 09h30m12s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'06, Lahiri = -23°55'06 Julian Calendar 1 June 1447 BCE == Greg. Calendar 19 May 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

JULY 1447 BCE (-1446) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 43 33	24♊32'12	2♐55	6♊32	20♉54	5♉28	15♍44	20♈21	27°R11	18°R25	25°R36	17°R13	17♍26	5♋12	n.a.	T 1
W 2	17 47 30	25°29'44	18° 6	7° 8	21° 7	6° 7	15°50	20°25	27♐ 9	18♑23	25♏34	17♍ 3	17°23	5°19	n.a.	W 2
T 3	17 51 26	26°27'18	3♑25	7°51	21°22	6°46	15°56	20°30	27° 7	18°22	25°33	16°52	17°20	5°25	n.a.	T 3
F 4	17 55 23	27°24'54	18°41	8°40	21°39	7°25	16° 3	20°35	27° 4	18°20	25°32	16°43	17°17	5°32	n.a.	F 4
S 5	17 59 19	28°22'31	3♒44	9°36	21°58	8° 4	16°10	20°39	27° 2	18°19	25°31	16°35	17°14	5°39	n.a.	S 5
S 6	18 3 16	29°20'09	18°25	10°39	22°18	8°42	16°17	20°44	26°59	18°17	25°29	16°31	17°10	5°46	n.a.	S 6
M 7	18 7 13	0♋17'49	2♓39	11°47	22°40	9°21	16°24	20°48	26°57	18°16	25°28	16°28	17° 7	5°52	n.a.	M 7
T 8	18 11 9	1°15'31	16°25	13° 1	23° 4	9°59	16°31	20°53	26°55	18°14	25°27	16°D28	17° 4	5°59	n.a.	T 8
W 9	18 15 6	2°13'15	29°45	14°21	23°30	10°38	16°38	20°57	26°52	18°13	25°26	16°R28	17° 1	6° 6	n.a.	W 9
T 10	18 19 2	3°11'01	12♈42	15°46	23°57	11°16	16°46	21° 1	26°50	18°11	25°25	16°28	16°58	6°12	n.a.	T 10
F 11	18 22 59	4° 8'48	25°19	17°17	24°26	11°54	16°53	21° 5	26°48	18°10	25°24	16°26	16°54	6°19	n.a.	F 11
S 12	18 26 55	5° 6'38	7♉41	18°51	24°57	12°32	17° 1	21° 9	26°45	18° 8	25°23	16°22	16°51	6°26	n.a.	S 12
S 13	18 30 52	6° 4'29	19°52	20°30	25°28	13°10	17° 9	21°13	26°43	18° 6	25°22	16°15	16°48	6°33	n.a.	S 13
M14	18 34 48	7° 2'23	1♊55	22°13	26° 2	13°48	17°17	21°17	26°40	18° 5	25°21	16° 5	16°45	6°39	n.a.	M14
T 15	18 38 45	8° 0'18	13°52	23°59	26°36	14°26	17°25	21°21	26°38	18° 3	25°20	15°54	16°42	6°46	n.a.	T 15
W16	18 42 42	8°58'15	25°45	25°48	27°12	15° 4	17°33	21°24	26°36	18° 2	25°19	15°42	16°39	6°53	n.a.	W16
T 17	18 46 38	9°56'14	7♋37	27°39	27°49	15°42	17°42	21°28	26°34	18° 0	25°18	15°29	16°35	6°59	n.a.	T 17
F 18	18 50 35	10°54'14	19°28	29°33	28°27	16°19	17°50	21°31	26°31	17°58	25°17	15°18	16°32	7° 6	n.a.	F 18
S 19	18 54 31	11°52'17	1♌21	1♋27	29° 6	16°57	17°59	21°34	26°29	17°57	25°16	15° 8	16°29	7°13	n.a.	S 19
S 20	18 58 28	12°50'21	13°16	3°24	29°47	17°34	18° 7	21°38	26°27	17°55	25°15	15° 1	16°26	7°20	n.a.	S 20
M21	19 2 24	13°48'26	25°17	5°21	0♊28	18°12	18°16	21°41	26°24	17°53	25°14	14°57	16°23	7°26	n.a.	M21
T 22	19 6 21	14°46'34	7♍27	7°18	1°11	18°49	18°25	21°44	26°22	17°52	25°13	14°55	16°20	7°33	n.a.	T 22
W23	19 10 17	15°44'43	19°48	9°16	1°54	19°26	18°34	21°47	26°20	17°50	25°12	14°D54	16°16	7°40	n.a.	W23
T 24	19 14 14	16°42'53	2♎25	11°14	2°39	20° 3	18°43	21°49	26°18	17°48	25°12	14°55	16°13	7°46	n.a.	T 24
F 25	19 18 10	17°41'05	15°22	13°11	3°24	20°40	18°52	21°52	26°16	17°47	25°11	14°R56	16°10	7°53	n.a.	F 25
S 26	19 22 7	18°39'19	28°43	15° 8	4°10	21°17	19° 2	21°55	26°13	17°45	25°10	14°55	16° 7	8° 0	n.a.	S 26
S 27	19 26 4	19°37'35	12♏32	17° 5	4°58	21°54	19°11	21°57	26°11	17°43	25° 9	14°53	16° 4	8° 7	n.a.	S 27
M28	19 30 0	20°35'52	26°47	19° 1	5°45	22°31	19°21	22° 0	26° 9	17°42	25° 9	14°49	16° 0	8°13	n.a.	M28
T 29	19 33 57	21°34'11	11♐29	20°56	6°34	23° 8	19°30	22° 2	26° 7	17°40	25° 8	14°42	15°57	8°20	n.a.	T 29
W30	19 37 53	22°32'32	26°31	22°50	7°24	23°44	19°40	22° 4	26° 5	17°39	25° 7	14°35	15°54	8°27	n.a.	W30
T 31	19 41 50	23♋30'55	11♑45	24♋43	8♊14	24♉21	19♍50	22♈ 6	26♐ 3	17♑37	25♏ 7	14♍27	15♍51	8♋33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n45	16s21	4n52	19n18	2s32	13n12	5s17	13n10	0s26	7n 0	1n23	5n56	2s19	24s15	0s25	23s 4	0s30	17s 6	2n28	5n 8	5n 3	18n52			n.a.
W 2	23 47	18 20	5 1	19 39	2 16	13 15	5 18	13 24	0 26	6 57	1 23	5 58	2 19	24 15	0 25	23 4	0 30	17 6	2 28	5 12	5 4	18 52			n.a.
T 3	23 49	19 1	4 49	20 1	2 1	13 18	5 18	13 37	0 25	6 54	1 23	6 0	2 20	24 15	0 25	23 4	0 30	17 6	2 28	5 16	5 5	18 52			n.a.
F 4	23 50	18 19	4 16	20 24	1 46	13 22	5 18	13 51	0 24	6 51	1 22	6 1	2 20	24 15	0 25	23 5	0 30	17 5	2 28	5 20	5 7	18 52			n.a.
S 5	23 51	16 20	3 26	20 48	1 30	13 27	5 18	14 4	0 24	6 48	1 22	6 3	2 20	24 15	0 25	23 5	0 30	17 5	2 28	5 23	5 8	18 52			n.a.
S 6	23 52	13 19	2 23	21 12	1 15	13 33	5 18	14 17	0 23	6 45	1 22	6 4	2 20	24 15	0 25	23 5	0 30	17 5	2 28	5 25	5 9	18 52			n.a.
M 7	23 52	9 35	1 13	21 37	1 0	13 39	5 17	14 31	0 22	6 42	1 22	6 6	2 20	24 15	0 25	23 5	0 30	17 5	2 27	5 26	5 10	18 52			n.a.
T 8	23 51	5 27	0 0	22 1	0 45	13 46	5 16	14 44	0 22	6 39	1 21	6 7	2 21	24 15	0 25	23 6	0 30	17 5	2 27	5 26	5 12	18 52			n.a.
W 9	23 51	1 10	1s10	22 25	0 30	13 54	5 15	14 57	0 21	6 36	1 21	6 9	2 21	24 15	0 25	23 6	0 30	17 5	2 27	5 26	5 13	18 52			n.a.
T 10	23 49	3n 3	2 14	22 49	0 16	14 2	5 13	15 9	0 20	6 33	1 21	6 10	2 21	24 15	0 25	23 6	0 30	17 5	2 27	5 26	5 14	18 52			n.a.
F 11	23 48	7 1	3 11	23 11	0 3	14 11	5 11	15 22	0 19	6 30	1 20	6 12	2 21	24 15	0 25	23 6	0 30	17 4	2 27	5 27	5 15	18 52			n.a.
S 12	23 46	10 36	3 57	23 33	0n10	14 20	5 9	15 35	0 19	6 26	1 20	6 13	2 21	24 15	0 25	23 7	0 30	17 4	2 27	5 28	5 17	18 52			n.a.
S 13	23 43	13 40	4 31	23 53	0 22	14 30	5 7	15 47	0 18	6 23	1 20	6 14	2 22	24 15	0 25	23 7	0 30	17 4	2 27	5 31	5 18	18 52			n.a.
M14	23 40	16 8	4 53	24 11	0 33	14 40	5 5	15 59	0 17	6 20	1 20	6 15	2 22	24 14	0 25	23 7	0 30	17 4	2 26	5 35	5 19	18 51			n.a.
T 15	23 37	17 52	5 2	24 27	0 44	14 50	5 2	16 11	0 17	6 16	1 19	6 17	2 22	24 14	0 25	23 7	0 30	17 4	2 26	5 39	5 20	18 51			n.a.
W16	23 33	18 50	4 57	24 42	0 54	15 1	4 59	16 23	0 16	6 13	1 19	6 18	2 22	24 14	0 25	23 7	0 30	17 4	2 26	5 44	5 22	18 51			n.a.
T 17	23 29	18 59	4 40	24 53	1 3	15 13	4 56	16 35	0 15	6 9	1 19	6 19	2 22	24 14	0 25	23 8	0 30	17 4	2 26	5 49	5 23	18 51			n.a.
F 18	23 24	18 17	4 11	25 3	1 11	15 24	4 53	16 47	0 14	6 6	1 19	6 20	2 23	24 14	0 25	23 8	0 30	17 4	2 26	5 54	5 24	18 51			n.a.
S 19	23 19	16 48	3 30	25 10	1 19	15 36	4 50	16 59	0 14	6 2	1 18	6 21	2 23	24 14	0 25	23 8	0 30	17 4	2 26	5 57	5 26	18 51			n.a.
S 20	23 14	14 34	2 40	25 14	1 25	15 48	4 47	17 10	0 13	5 58	1 18	6 22	2 23	24 14	0 25	23 8	0 30	17 4	2 25	6 0	5 27	18 51			n.a.
M21	23 8	11 42	1 43	25 16	1 31	16 0	4 43	17 22	0 12	5 55	1 18	6 23	2 23	24 14	0 25	23 9	0 30	17 4	2 25	6 2	5 28	18 51			n.a.
T 22	23 2	8 19	0 40	25 15	1 35	16 12	4 39	17 33	0 11	5 51	1 18	6 24	2 23	24 14	0 25	23 9	0 30	17 4	2 25	6 3	5 29	18 51			n.a.
W23	22 55	4 31	0n26	25 11	1 39	16 25	4 36	17 44	0 10	5 47	1 18	6 25	2 24	24 14	0 25	23 9	0 30	17 4	2 25	6 3	5 31	18 51			n.a.
T 24	22 48	0 26	1 32	25 5	1 43	16 37	4 32	17 55	0 10	5 43	1 17	6 26	2 24	24 14	0 25	23 9	0 30	17 4	2 25	6 2	5 32	18 51			n.a.
F 25	22 40	3s46	2 36	24 56	1 45	16 50	4 28	18 6	0 9	5 39	1 17	6 27	2 24	24 14	0 25	23 10	0 30	17 3	2 25	6 2	5 33	18 51			n.a.
S 26	22 32	7 54	3 33	24 45	1 47	17 2	4 23	18 16	0 8	5 35	1 17	6 27	2 24	24 14	0 25	23 10	0 30	17 3	2 25	6 2	5 34	18 51			n.a.
S 27	22 24	11 45	4 19	24 32	1 48	17 15	4 19	18 27	0 7	5 31	1 17	6 28	2 25	24 14	0 25	23 10	0 30	17 3	2 24	6 3	5 36	18 51			n.a.
M28	22 15	15 3	4 52	24 16	1 48	17 28	4 15	18 37	0 6	5 27	1 16	6 29	2 25	24 14	0 25	23 10	0 30	17 3	2 24	6 5	5 37	18 51			n.a.
T 29	22 6	17 30	5 6	23 59	1 48	17 41	4 10	18 48	0 6	5 23	1 16	6 29	2 25	24 14	0 25	23 11	0 30	17 3	2 24	6 7	5 38	18 51			n.a.
W30	21 56	18 49	5 0	23 39	1 47	17 53	4 6	18 58	0 5	5 19	1 16	6 30	2 25	24 14	0 25	23 11	0 31	17 3	2 24	6 10	5 39	18 51			n.a.
T 31	21n46	18s48	4n33	23n18	1n46	18n 6	4s 1	19n 8	0s 4	5n15	1n16	6n31	2s26	24s13	0s25	23s11	0s31	17s 3	2n24	6n13	5n41	18n51			n.a.

Julian Day Number = 1193087.5, Delta T = 09h30m11s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°02'02, Lahiri = -23°55'02 Julian Calendar 1 July 1447 BCE == Greg. Calendar 18 June 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

AUGUST 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 45 46	24♋29'20	27♑ 1	26♋36	9♊ 5	24♉57	20♍ 0	22♈ 8	26°R 1	17°R35	25°R 6	14°R20	15♍48	8♋40	n.a.	F 1
S 2	19 49 43	25°27'46	12♒ 7	28°27	9°56	25°33	20°10	22°10	25♐59	17♑34	25♏ 6	14♍15	15°45	8°47	n.a.	S 2
S 3	19 53 39	26°26'15	26°55	0♌17	10°49	26° 9	20°20	22°12	25°57	17°32	25° 5	14°12	15°41	8°54	n.a.	S 3
M 4	19 57 36	27°24'46	11♓18	2° 6	11°42	26°45	20°31	22°14	25°55	17°30	25° 5	14°D10	15°38	9° 0	n.a.	M 4
T 5	20 1 33	28°23'19	25°13	3°54	12°35	27°21	20°41	22°15	25°53	17°29	25° 4	14°11	15°35	9° 7	n.a.	T 5
W 6	20 5 29	29°21'55	8♈41	5°41	13°30	27°57	20°51	22°17	25°51	17°27	25° 4	14°12	15°32	9°14	n.a.	W 6
T 7	20 9 26	0♌20'33	21°42	7°27	14°24	28°33	21° 2	22°18	25°49	17°26	25° 3	14°13	15°29	9°20	n.a.	T 7
F 8	20 13 22	1°19'13	4♉21	9°12	15°20	29° 9	21°12	22°19	25°48	17°24	25° 3	14°R13	15°26	9°27	n.a.	F 8
S 9	20 17 19	2°17'56	16°43	10°56	16°16	29°44	21°23	22°20	25°46	17°22	25° 2	14°12	15°22	9°34	n.a.	S 9
S 10	20 21 15	3°16'41	28°51	12°39	17°12	0♊20	21°34	22°21	25°44	17°21	25° 2	14° 9	15°19	9°41	n.a.	S 10
M11	20 25 12	4°15'29	10♊50	14°21	18° 9	0°55	21°45	22°22	25°42	17°19	25° 2	14° 4	15°16	9°47	n.a.	M11
T 12	20 29 8	5°14'19	22°43	16° 1	19° 7	1°31	21°56	22°23	25°41	17°18	25° 1	13°58	15°13	9°54	n.a.	T 12
W13	20 33 5	6°13'11	4♋34	17°41	20° 5	2° 6	22° 7	22°24	25°39	17°16	25° 1	13°51	15°10	10° 1	n.a.	W13
T 14	20 37 1	7°12'06	16°26	19°20	21° 3	2°41	22°18	22°24	25°37	17°15	25° 1	13°44	15° 6	10° 7	n.a.	T 14
F 15	20 40 58	8°11'03	28°20	20°58	22° 2	3°16	22°29	22°25	25°36	17°13	25° 1	13°38	15° 3	10°14	n.a.	F 15
S 16	20 44 55	9°10'02	10♌18	22°35	23° 1	3°51	22°40	22°25	25°34	17°12	25° 1	13°32	15° 0	10°21	n.a.	S 16
S 17	20 48 51	10° 9'03	22°22	24°11	24° 1	4°25	22°52	22°25	25°33	17°10	25° 1	13°29	14°57	10°28	n.a.	S 17
M18	20 52 48	11° 8'07	4♍34	25°46	25° 1	5° 0	23° 3	22°R25	25°31	17° 9	25° 0	13°27	14°54	10°34	n.a.	M18
T 19	20 56 44	12° 7'12	16°55	27°20	26° 2	5°34	23°15	22°25	25°30	17° 7	25° 0	13°D27	14°51	10°41	n.a.	T 19
W20	21 0 41	13° 6'20	29°27	28°53	27° 3	6° 9	23°26	22°25	25°29	17° 6	25° 0	13°27	14°47	10°48	n.a.	W20
T 21	21 4 37	14° 5'29	12♎13	0♍26	28° 4	6°43	23°38	22°25	25°27	17° 4	25°D 0	13°29	14°44	10°54	n.a.	T 21
F 22	21 8 34	15° 4'41	25°16	1°57	29° 6	7°17	23°50	22°25	25°26	17° 3	25° 0	13°31	14°41	11° 1	n.a.	F 22
S 23	21 12 30	16° 3'54	8♏37	3°28	0♋ 8	7°51	24° 1	22°24	25°25	17° 1	25° 0	13°32	14°38	11° 8	n.a.	S 23
S 24	21 16 27	17° 3'09	22°19	4°58	1°10	8°25	24°13	22°24	25°23	17° 0	25° 0	13°R32	14°35	11°15	n.a.	S 24
M25	21 20 23	18° 2'27	6♐23	6°26	2°13	8°58	24°25	22°23	25°22	16°59	25° 1	13°31	14°31	11°21	n.a.	M25
T 26	21 24 20	19° 1'46	20°47	7°54	3°16	9°32	24°37	22°22	25°21	16°57	25° 1	13°29	14°28	11°28	n.a.	T 26
W27	21 28 17	20° 1'07	5♑29	9°22	4°19	10° 6	24°49	22°21	25°20	16°56	25° 1	13°26	14°25	11°35	n.a.	W27
T 28	21 32 13	21° 0'30	20°23	10°48	5°23	10°39	25° 1	22°20	25°19	16°55	25° 1	13°23	14°22	11°41	n.a.	T 28
F 29	21 36 10	21°59'55	5♒21	12°13	6°27	11°12	25°13	22°19	25°18	16°53	25° 1	13°20	14°19	11°48	n.a.	F 29
S 30	21 40 6	22°59'23	20°15	13°37	7°31	11°45	25°26	22°18	25°17	16°52	25° 2	13°18	14°16	11°55	n.a.	S 30
S 31	21 44 3	23♌58'52	4♓57	15♍ 0	8♋36	12♊18	25♍38	22♈16	25♐16	16♑51	25♏ 2	13♍17	14♍12	12♋ 1	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n36	17s26	3n46	22n54	1n44	18n18	3s57	19n17	0s 3	5n11	1n16	6n31	2s26	24s13	0s25	23s11	0s31	17s 3	2n24	6n16	5n42	18n50		n.a.
S 2	21 25	14 50	2 44	22 30	1 42	18 31	3 52	19 27	0 2	5 7	1 15	6 32	2 26	24 13	0 25	23 11	0 31	17 3	2 23	6 18	5 43	18 50		n.a.
S 3	21 14	11 19	1 32	22 3	1 39	18 43	3 47	19 37	0 1	5 2	1 15	6 32	2 26	24 13	0 25	23 12	0 31	17 4	2 23	6 20	5 44	18 50		n.a.
M 4	21 3	7 13	0 16	21 36	1 36	18 55	3 42	19 46	0 1	4 58	1 15	6 33	2 26	24 13	0 25	23 12	0 31	17 4	2 23	6 20	5 46	18 50		n.a.
T 5	20 51	2 50	0s59	21 7	1 32	19 7	3 37	19 55	0n 0	4 54	1 15	6 33	2 27	24 13	0 25	23 12	0 31	17 4	2 23	6 20	5 47	18 50		n.a.
W 6	20 39	1n32	2 9	20 36	1 28	19 19	3 32	20 4	0 1	4 49	1 15	6 33	2 27	24 13	0 25	23 12	0 31	17 4	2 23	6 19	5 48	18 50		n.a.
T 7	20 26	5 41	3 9	20 5	1 24	19 30	3 27	20 13	0 2	4 45	1 14	6 33	2 27	24 13	0 25	23 13	0 31	17 4	2 23	6 19	5 49	18 50		n.a.
F 8	20 13	9 28	3 58	19 32	1 19	19 41	3 22	20 22	0 3	4 41	1 14	6 34	2 27	24 13	0 25	23 13	0 31	17 4	2 22	6 19	5 51	18 50		n.a.
S 9	20 0	12 44	4 35	18 59	1 14	19 52	3 17	20 31	0 4	4 36	1 14	6 34	2 28	24 13	0 25	23 13	0 31	17 4	2 22	6 19	5 52	18 50		n.a.
S 10	19 46	15 24	4 59	18 25	1 9	20 3	3 12	20 39	0 5	4 32	1 14	6 34	2 28	24 13	0 25	23 13	0 31	17 4	2 22	6 21	5 53	18 50		n.a.
M11	19 32	17 22	5 9	17 50	1 4	20 13	3 7	20 48	0 6	4 27	1 14	6 34	2 28	24 13	0 25	23 13	0 31	17 4	2 22	6 22	5 54	18 49		n.a.
T 12	19 18	18 34	5 6	17 14	0 58	20 24	3 1	20 56	0 7	4 23	1 13	6 34	2 28	24 13	0 25	23 14	0 31	17 4	2 22	6 25	5 56	18 49		n.a.
W13	19 3	18 57	4 50	16 38	0 52	20 33	2 56	21 4	0 7	4 18	1 13	6 34	2 29	24 13	0 25	23 14	0 31	17 4	2 22	6 28	5 57	18 49		n.a.
T 14	18 48	18 30	4 21	16 1	0 46	20 43	2 51	21 12	0 8	4 13	1 13	6 34	2 29	24 13	0 25	23 14	0 31	17 4	2 21	6 30	5 58	18 49		n.a.
F 15	18 32	17 15	3 41	15 23	0 40	20 52	2 46	21 20	0 9	4 9	1 13	6 34	2 29	24 13	0 25	23 14	0 31	17 4	2 21	6 33	5 59	18 49		n.a.
S 16	18 17	15 14	2 51	14 45	0 33	21 0	2 40	21 28	0 10	4 4	1 13	6 34	2 29	24 12	0 25	23 14	0 31	17 5	2 21	6 35	6 1	18 49		n.a.
S 17	18 1	12 32	1 53	14 7	0 27	21 9	2 35	21 35	0 11	3 59	1 13	6 34	2 30	24 12	0 25	23 15	0 31	17 5	2 21	6 36	6 2	18 49		n.a.
M18	17 44	9 15	0 48	13 28	0 20	21 16	2 30	21 42	0 12	3 55	1 12	6 34	2 30	24 12	0 25	23 15	0 31	17 5	2 21	6 37	6 3	18 48		n.a.
T 19	17 28	5 33	0n19	12 49	0 13	21 24	2 25	21 50	0 13	3 50	1 12	6 34	2 30	24 12	0 25	23 15	0 31	17 5	2 20	6 37	6 4	18 48		n.a.
W20	17 11	1 33	1 27	12 10	0 6	21 31	2 19	21 57	0 14	3 45	1 12	6 33	2 30	24 12	0 25	23 15	0 31	17 5	2 20	6 37	6 6	18 48		n.a.
T 21	16 53	2s36	2 31	11 30	0s 1	21 37	2 14	22 4	0 15	3 40	1 12	6 33	2 30	24 12	0 25	23 15	0 31	17 5	2 20	6 36	6 7	18 48		n.a.
F 22	16 36	6 42	3 30	10 51	0 8	21 43	2 9	22 10	0 16	3 35	1 12	6 33	2 31	24 12	0 25	23 16	0 31	17 6	2 20	6 36	6 8	18 48		n.a.
S 23	16 18	10 33	4 18	10 11	0 15	21 48	2 3	22 17	0 17	3 30	1 12	6 32	2 31	24 12	0 25	23 16	0 31	17 6	2 20	6 35	6 9	18 48		n.a.
S 24	16 0	13 57	4 53	9 31	0 22	21 53	1 58	22 24	0 18	3 25	1 11	6 32	2 31	24 12	0 25	23 16	0 31	17 6	2 20	6 35	6 11	18 48		n.a.
M25	15 42	16 38	5 12	8 51	0 30	21 58	1 53	22 30	0 19	3 20	1 11	6 32	2 31	24 12	0 25	23 16	0 31	17 6	2 19	6 36	6 12	18 47		n.a.
T 26	15 23	18 21	5 12	8 11	0 37	22 2	1 47	22 36	0 20	3 16	1 11	6 31	2 32	24 12	0 25	23 16	0 31	17 6	2 19	6 36	6 13	18 47		n.a.
W27	15 4	18 53	4 52	7 31	0 44	22 5	1 42	22 42	0 21	3 11	1 11	6 30	2 32	24 12	0 25	23 17	0 31	17 6	2 19	6 38	6 14	18 47		n.a.
T 28	14 45	18 8	4 12	6 51	0 52	22 8	1 37	22 48	0 22	3 5	1 11	6 30	2 32	24 12	0 25	23 17	0 31	17 7	2 19	6 39	6 16	18 47		n.a.
F 29	14 25	16 8	3 14	6 11	0 59	22 11	1 32	22 54	0 23	3 0	1 11	6 29	2 32	24 12	0 25	23 17	0 31	17 7	2 19	6 40	6 17	18 47		n.a.
S 30	14 6	13 2	2 4	5 32	1 6	22 12	1 27	23 0	0 24	2 55	1 11	6 29	2 32	24 12	0 25	23 17	0 31	17 7	2 19	6 41	6 18	18 47		n.a.
S 31	13n46	9s 9	0n46	4n53	1s14	22n13	1s21	23n 5	0n25	2n50	1n10	6n28	2s33	24s12	0s25	23s17	0s31	17s 7	2n18	6n41	6n19	18n46		n.a.

Julian Day Number = 1193118.5, Delta T = 09h30m09s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'58, Lahiri = -23°54'58 Julian Calendar 1 Aug. 1447 BCE == Greg. Calendar 19 July 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

SEPTEMBER 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 47 59	24♌58'23	19♓19	16♍23	9♋41	12♊51	25♍50	22°R15	25°R15	16°R50	25♏ 2	13°D16	14♍ 9	12♋ 8	n.a.	M 1
T 2	21 51 56	25°57'57	3♈18	17°44	10°46	13°23	26° 3	22♈13	25♐15	16♑49	25° 3	13♍17	14° 6	12°15	n.a.	T 2
W 3	21 55 52	26°57'33	16°51	19° 4	11°52	13°56	26°15	22°12	25°14	16°47	25° 3	13°18	14° 3	12°22	n.a.	W 3
T 4	21 59 49	27°57'12	29°58	20°23	12°57	14°28	26°27	22°10	25°13	16°46	25° 3	13°20	14° 0	12°28	n.a.	T 4
F 5	22 3 45	28°56'53	12♉43	21°41	14° 3	15° 0	26°40	22° 8	25°12	16°45	25° 4	13°21	13°57	12°35	n.a.	F 5
S 6	22 7 42	29°56'37	25° 8	22°57	15°10	15°32	26°53	22° 6	25°12	16°44	25° 4	13°R21	13°53	12°42	n.a.	S 6
S 7	22 11 39	0♍56'23	7♊18	24°12	16°16	16° 4	27° 5	22° 4	25°11	16°43	25° 5	13°21	13°50	12°48	n.a.	S 7
M 8	22 15 35	1°56'11	19°17	25°25	17°23	16°36	27°18	22° 2	25°11	16°42	25° 5	13°21	13°47	12°55	n.a.	M 8
T 9	22 19 32	2°56'02	1♋10	26°37	18°30	17° 8	27°31	22° 0	25°10	16°41	25° 6	13°20	13°44	13° 2	n.a.	T 9
W10	22 23 28	3°55'55	13° 1	27°47	19°37	17°39	27°43	21°57	25°10	16°40	25° 7	13°18	13°41	13° 9	n.a.	W10
T 11	22 27 25	4°55'51	24°54	28°55	20°45	18°10	27°56	21°55	25° 9	16°39	25° 7	13°17	13°37	13°15	n.a.	T 11
F 12	22 31 21	5°55'48	6♌51	0♎ 1	21°52	18°41	28° 9	21°52	25° 9	16°38	25° 8	13°16	13°34	13°22	n.a.	F 12
S 13	22 35 18	6°55'48	18°57	1° 4	23° 0	19°12	28°22	21°49	25° 9	16°37	25° 9	13°15	13°31	13°29	n.a.	S 13
S 14	22 39 14	7°55'50	1♍13	2° 5	24° 8	19°43	28°35	21°47	25° 9	16°36	25° 9	13°15	13°28	13°35	n.a.	S 14
M15	22 43 11	8°55'54	13°40	3° 4	25°16	20°13	28°48	21°44	25° 9	16°35	25°10	13°D15	13°25	13°42	n.a.	M15
T 16	22 47 8	9°56'01	26°19	3°58	26°25	20°44	29° 1	21°41	25° 8	16°34	25°11	13°15	13°22	13°49	n.a.	T 16
W17	22 51 4	10°56'09	9♎11	4°50	27°34	21°14	29°14	21°38	25° 8	16°34	25°12	13°15	13°18	13°55	n.a.	W17
T 18	22 55 1	11°56'19	22°16	5°37	28°42	21°44	29°27	21°34	25°D 8	16°33	25°13	13°15	13°15	14° 2	n.a.	T 18
F 19	22 58 57	12°56'30	5♏35	6°21	29°51	22°14	29°40	21°31	25° 8	16°32	25°13	13°R15	13°12	14° 9	n.a.	F 19
S 20	23 2 54	13°56'44	19° 7	6°59	1♌ 1	22°43	29°53	21°28	25° 8	16°31	25°14	13°15	13° 9	14°16	n.a.	S 20
S 21	23 6 50	14°56'59	2♐53	7°32	2°10	23°13	0♎ 6	21°24	25° 9	16°31	25°15	13°15	13° 6	14°22	n.a.	S 21
M22	23 10 47	15°57'16	16°52	7°59	3°19	23°42	0°19	21°21	25° 9	16°30	25°16	13°D15	13° 3	14°29	n.a.	M22
T 23	23 14 43	16°57'35	1♑ 3	8°20	4°29	24°11	0°33	21°17	25° 9	16°29	25°17	13°15	12°59	14°36	n.a.	T 23
W24	23 18 40	17°57'55	15°24	8°33	5°39	24°39	0°46	21°14	25° 9	16°29	25°18	13°15	12°56	14°42	n.a.	W24
T 25	23 22 36	18°58'17	29°52	8°R39	6°49	25° 8	0°59	21°10	25°10	16°28	25°19	13°16	12°53	14°49	n.a.	T 25
F 26	23 26 33	19°58'41	14♒22	8°36	7°59	25°36	1°12	21° 6	25°10	16°28	25°20	13°17	12°50	14°56	n.a.	F 26
S 27	23 30 30	20°59'06	28°50	8°24	9° 9	26° 4	1°26	21° 2	25°10	16°27	25°21	13°17	12°47	15° 3	n.a.	S 27
S 28	23 34 26	21°59'32	13♓11	8° 3	10°20	26°32	1°39	20°58	25°11	16°27	25°23	13°R17	12°43	15° 9	n.a.	S 28
M29	23 38 23	23° 0'01	27°18	7°32	11°30	27° 0	1°52	20°54	25°12	16°26	25°24	13°17	12°40	15°16	n.a.	M29
T 30	23 42 19	24♍ 0'31	11♈ 8	6♎51	12♌41	27♊27	2♎ 6	20♈50	25♐12	16♑26	25♏25	13♍16	12♍37	15♋23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n26	4s49	0s33	4n14	1s21	22n14	1s16	23n10	0n26	2n45	1n10	6n27	2s33	24s12	0s25	23s17	0s31	17s 8	2n18	6n41	6n21	18n46		n.a.
T 2	13 5	0 19	1 48	3 35	1 28	22 14	1 11	23 16	0 27	2 40	1 10	6 26	2 33	24 12	0 25	23 18	0 31	17 8	2 18	6 41	6 22	18 46		n.a.
W 3	12 45	4n 3	2 55	2 57	1 35	22 14	1 6	23 21	0 28	2 35	1 10	6 26	2 33	24 12	0 25	23 18	0 31	17 8	2 18	6 40	6 23	18 46		n.a.
T 4	12 24	8 4	3 50	2 19	1 42	22 12	1 1	23 26	0 30	2 30	1 10	6 25	2 33	24 12	0 25	23 18	0 31	17 8	2 18	6 40	6 24	18 46		n.a.
F 5	12 3	11 36	4 33	1 41	1 49	22 11	0 56	23 31	0 31	2 25	1 10	6 24	2 34	24 11	0 25	23 18	0 31	17 9	2 18	6 39	6 25	18 45		n.a.
S 6	11 41	14 31	5 1	1 5	1 56	22 8	0 51	23 35	0 32	2 19	1 10	6 23	2 34	24 11	0 25	23 18	0 31	17 9	2 17	6 39	6 27	18 45		n.a.
S 7	11 20	16 44	5 15	0 28	2 3	22 5	0 46	23 40	0 33	2 14	1 9	6 22	2 34	24 11	0 25	23 18	0 31	17 9	2 17	6 39	6 28	18 45		n.a.
M 8	10 58	18 11	5 15	0s 7	2 9	22 2	0 41	23 44	0 34	2 9	1 9	6 21	2 34	24 11	0 25	23 18	0 31	17 10	2 17	6 39	6 29	18 45		n.a.
T 9	10 36	18 50	5 2	0 42	2 15	21 57	0 37	23 49	0 35	2 4	1 9	6 20	2 34	24 11	0 25	23 19	0 31	17 10	2 17	6 40	6 30	18 45		n.a.
W10	10 14	18 39	4 35	1 16	2 21	21 52	0 32	23 53	0 36	1 58	1 9	6 19	2 35	24 11	0 25	23 19	0 31	17 10	2 17	6 40	6 32	18 44		n.a.
T 11	9 52	17 38	3 57	1 48	2 27	21 47	0 27	23 57	0 37	1 53	1 9	6 18	2 35	24 11	0 25	23 19	0 31	17 10	2 17	6 41	6 33	18 44		n.a.
F 12	9 30	15 51	3 8	2 20	2 33	21 41	0 22	24 1	0 39	1 48	1 9	6 17	2 35	24 11	0 25	23 19	0 31	17 11	2 16	6 41	6 34	18 44		n.a.
S 13	9 7	13 20	2 11	2 50	2 38	21 34	0 18	24 5	0 40	1 43	1 9	6 15	2 35	24 11	0 25	23 19	0 31	17 11	2 16	6 42	6 35	18 44		n.a.
S 14	8 45	10 12	1 6	3 20	2 43	21 27	0 13	24 8	0 41	1 37	1 9	6 14	2 35	24 11	0 25	23 19	0 31	17 11	2 16	6 42	6 37	18 43		n.a.
M15	8 22	6 34	0n 2	3 47	2 47	21 19	0 9	24 12	0 42	1 32	1 9	6 13	2 35	24 11	0 25	23 19	0 31	17 12	2 16	6 42	6 38	18 43		n.a.
T 16	7 59	2 35	1 12	4 13	2 51	21 10	0 4	24 15	0 43	1 27	1 8	6 12	2 36	24 11	0 25	23 19	0 31	17 12	2 16	6 42	6 39	18 43		n.a.
W17	7 36	1s34	2 19	4 37	2 54	21 1	0 0	24 19	0 45	1 21	1 8	6 10	2 36	24 11	0 25	23 19	0 31	17 13	2 16	6 42	6 40	18 43		n.a.
T 18	7 12	5 44	3 20	4 59	2 57	20 51	0n 4	24 22	0 46	1 16	1 8	6 9	2 36	24 11	0 25	23 20	0 31	17 13	2 15	6 42	6 42	18 43		n.a.
F 19	6 49	9 40	4 12	5 18	2 59	20 41	0 8	24 25	0 47	1 10	1 8	6 8	2 36	24 11	0 25	23 20	0 31	17 13	2 15	6 42	6 43	18 42		n.a.
S 20	6 25	13 10	4 50	5 35	3 1	20 30	0 13	24 28	0 48	1 5	1 8	6 6	2 36	24 11	0 25	23 20	0 31	17 14	2 15	6 42	6 44	18 42		n.a.
S 21	6 2	16 0	5 12	5 49	3 1	20 18	0 17	24 31	0 50	1 0	1 8	6 5	2 36	24 11	0 25	23 20	0 31	17 14	2 15	6 42	6 45	18 42		n.a.
M22	5 38	17 57	5 17	5 59	3 1	20 6	0 21	24 34	0 51	0 54	1 8	6 3	2 37	24 11	0 25	23 20	0 31	17 14	2 15	6 42	6 47	18 42		n.a.
T 23	5 14	18 49	5 2	6 6	3 0	19 53	0 25	24 36	0 52	0 49	1 8	6 2	2 37	24 11	0 25	23 20	0 31	17 15	2 15	6 42	6 48	18 41		n.a.
W24	4 50	18 30	4 29	6 9	2 57	19 39	0 29	24 39	0 54	0 43	1 8	6 0	2 37	24 11	0 25	23 20	0 31	17 15	2 14	6 42	6 49	18 41		n.a.
T 25	4 26	16 59	3 38	6 8	2 53	19 25	0 32	24 41	0 55	0 38	1 8	5 59	2 37	24 11	0 25	23 20	0 31	17 16	2 14	6 41	6 50	18 41		n.a.
F 26	4 2	14 22	2 34	6 2	2 48	19 10	0 36	24 44	0 56	0 33	1 8	5 57	2 37	24 11	0 25	23 20	0 31	17 16	2 14	6 41	6 52	18 40		n.a.
S 27	3 38	10 51	1 19	5 51	2 41	18 55	0 40	24 46	0 58	0 27	1 7	5 56	2 37	24 11	0 25	23 20	0 31	17 16	2 14	6 41	6 53	18 40		n.a.
S 28	3 14	6 43	0 1	5 35	2 33	18 39	0 43	24 48	0 59	0 22	1 7	5 54	2 37	24 11	0 25	23 20	0 31	17 17	2 14	6 41	6 54	18 40		n.a.
M29	2 50	0 16	1s17	5 13	2 23	18 23	0 47	24 50	1 1	0 16	1 7	5 52	2 37	24 11	0 25	23 20	0 31	17 17	2 14	6 41	6 55	18 40		n.a.
T 30	2n25	2n13	2s28	4s45	2s11	18n 6	0n50	24n52	1n 2	0n11	1n 7	5n51	2s37	24s11	0s25	23s20	0s31	17s18	2n13	6n41	6n56	18n39		n.a.

Julian Day Number = 1193149.5, Delta T = 09h30m07s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'54, Lahiri = -23°54'53 Julian Calendar 1 Sept. 1447 BCE == Greg. Calendar 19 Aug. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

OCTOBER 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 46 16	25♍ 1'03	24♈38	6°R 0	13♌52	27♊54	2♎19	20°R46	25♐13	16°R25	25♏26	13°R15	12♍34	15♋29	n.a.	W 1
T 2	23 50 12	26° 1'37	7♉47	5♎ 0	15° 3	28°21	2°32	20♈41	25°13	16♑25	25°27	13♍13	12°31	15°36	n.a.	T 2
F 3	23 54 9	27° 2'12	20°35	3°52	16°14	28°48	2°46	20°37	25°14	16°25	25°29	13°11	12°28	15°43	n.a.	F 3
S 4	23 58 5	28° 2'50	3♊ 3	2°38	17°26	29°14	2°59	20°33	25°15	16°25	25°30	13° 9	12°24	15°49	n.a.	S 4
S 5	0 2 2	29° 3'30	15°16	1°19	18°37	29°40	3°12	20°28	25°16	16°24	25°31	13° 8	12°21	15°56	n.a.	S 5
M 6	0 5 59	0♎ 4'12	27°16	29♍58	19°49	0♋ 6	3°26	20°24	25°17	16°24	25°33	13°D 7	12°18	16° 3	n.a.	M 6
T 7	0 9 55	1° 4'55	9♋10	28°38	21° 0	0°32	3°39	20°19	25°18	16°24	25°34	13° 8	12°15	16°10	n.a.	T 7
W 8	0 13 52	2° 5'40	21° 1	27°21	22°12	0°57	3°53	20°15	25°19	16°24	25°35	13° 9	12°12	16°16	n.a.	W 8
T 9	0 17 48	3° 6'27	2♌54	26°10	23°24	1°22	4° 6	20°10	25°20	16°24	25°37	13°10	12° 8	16°23	n.a.	T 9
F 10	0 21 45	4° 7'16	14°54	25° 7	24°36	1°47	4°20	20° 5	25°21	16°24	25°38	13°12	12° 5	16°30	n.a.	F 10
S 11	0 25 41	5° 8'07	27° 5	24°14	25°48	2°11	4°33	20° 1	25°22	16°D24	25°40	13°13	12° 2	16°36	n.a.	S 11
S 12	0 29 38	6° 8'59	9♍30	23°31	27° 0	2°36	4°46	19°56	25°23	16°24	25°41	13°R14	11°59	16°43	n.a.	S 12
M13	0 33 34	7° 9'52	22°12	23° 0	28°13	2°59	5° 0	19°51	25°25	16°24	25°43	13°14	11°56	16°50	n.a.	M13
T 14	0 37 31	8°10'47	5♎11	22°41	29°25	3°23	5°13	19°46	25°26	16°24	25°44	13°12	11°53	16°56	n.a.	T 14
W15	0 41 27	9°11'43	18°27	22°D33	0♍38	3°46	5°27	19°41	25°27	16°24	25°46	13°10	11°49	17° 3	n.a.	W15
T 16	0 45 24	10°12'41	1♏59	22°37	1°50	4° 9	5°40	19°36	25°29	16°24	25°47	13° 6	11°46	17°10	n.a.	T 16
F 17	0 49 21	11°13'40	15°44	22°50	3° 3	4°31	5°54	19°31	25°30	16°24	25°49	13° 1	11°43	17°16	n.a.	F 17
S 18	0 53 17	12°14'40	29°40	23°13	4°16	4°53	6° 7	19°27	25°32	16°24	25°50	12°57	11°40	17°23	n.a.	S 18
S 19	0 57 14	13°15'41	13♐44	23°45	5°28	5°15	6°20	19°22	25°33	16°25	25°52	12°53	11°37	17°30	n.a.	S 19
M20	1 1 10	14°16'43	27°51	24°24	6°41	5°37	6°34	19°17	25°35	16°25	25°54	12°50	11°34	17°37	n.a.	M20
T 21	1 5 7	15°17'46	12♑ 1	25°11	7°54	5°58	6°47	19°12	25°36	16°25	25°55	12°D49	11°30	17°43	n.a.	T 21
W22	1 9 3	16°18'49	26°10	26° 3	9° 8	6°18	7° 1	19° 7	25°38	16°26	25°57	12°50	11°27	17°50	n.a.	W22
T 23	1 13 0	17°19'54	10♒17	27° 1	10°21	6°39	7°14	19° 2	25°40	16°26	25°59	12°51	11°24	17°57	n.a.	T 23
F 24	1 16 56	18°20'59	24°21	28° 3	11°34	6°59	7°27	18°57	25°42	16°26	26° 0	12°52	11°21	18° 3	n.a.	F 24
S 25	1 20 53	19°22'04	8♓20	29°10	12°47	7°18	7°41	18°52	25°43	16°27	26° 2	12°R53	11°18	18°10	n.a.	S 25
S 26	1 24 50	20°23'11	22°11	0♎20	14° 1	7°37	7°54	18°47	25°45	16°27	26° 4	12°53	11°14	18°17	n.a.	S 26
M27	1 28 46	21°24'18	5♈53	1°33	15°14	7°56	8° 7	18°42	25°47	16°28	26° 6	12°51	11°11	18°23	n.a.	M27
T 28	1 32 43	22°25'26	19°24	2°48	16°27	8°14	8°21	18°37	25°49	16°28	26° 7	12°47	11° 8	18°30	n.a.	T 28
W29	1 36 39	23°26'35	2♉40	4° 6	17°41	8°32	8°34	18°32	25°51	16°29	26° 9	12°41	11° 5	18°37	n.a.	W29
T 30	1 40 36	24°27'45	15°40	5°26	18°55	8°49	8°47	18°27	25°53	16°30	26°11	12°33	11° 2	18°44	n.a.	T 30
F 31	1 44 32	25♎28'55	28♉23	6♎47	20♍ 8	9♋ 6	9♎ 0	18♈22	25♐55	16♑30	26♏13	12♍25	10♍59	18♋50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	2n 1	6n28	3s30	4s12	1s57	17n48	0n53	24n54	1n 3	0n 5	1n 7	5n49	2s38	24s11	0s25	23s20	0s31	17s18	2n13	6n42	6n58	18n39			n.a.
T 2	1 36	10 17	4 18	3 34	1 41	17 30	0 57	24 56	1 5	0s 0	1 7	5 47	2 38	24 11	0 25	23 20	0 31	17 19	2 13	6 42	6 59	18 39			n.a.
F 3	1 12	13 31	4 52	2 50	1 24	17 12	1 0	24 58	1 6	0 6	1 7	5 46	2 38	24 11	0 25	23 20	0 31	17 19	2 13	6 43	7 0	18 39			n.a.
S 4	0 47	16 3	5 11	2 3	1 5	16 53	1 3	24 59	1 8	0 11	1 7	5 44	2 38	24 11	0 25	23 20	0 31	17 20	2 13	6 44	7 1	18 38			n.a.
S 5	0 23	17 48	5 16	1 13	0 45	16 33	1 6	25 1	1 9	0 17	1 7	5 42	2 38	24 11	0 25	23 21	0 31	17 20	2 13	6 44	7 3	18 38			n.a.
M 6	0s 2	18 43	5 7	0 22	0 25	16 13	1 9	25 2	1 11	0 22	1 7	5 40	2 38	24 11	0 25	23 21	0 31	17 20	2 13	6 45	7 4	18 38			n.a.
T 7	0 26	18 49	4 44	0n29	0 4	15 52	1 11	25 4	1 12	0 28	1 7	5 39	2 38	24 11	0 25	23 21	0 31	17 21	2 12	6 45	7 5	18 37			n.a.
W 8	0 51	18 4	4 10	1 19	0n16	15 31	1 14	25 5	1 14	0 33	1 7	5 37	2 38	24 11	0 25	23 21	0 31	17 21	2 12	6 44	7 6	18 37			n.a.
T 9	1 15	16 32	3 25	2 6	0 36	15 10	1 17	25 7	1 15	0 38	1 7	5 35	2 38	24 11	0 25	23 21	0 31	17 22	2 12	6 44	7 8	18 37			n.a.
F 10	1 40	14 16	2 30	2 48	0 55	14 48	1 19	25 8	1 17	0 44	1 7	5 33	2 38	24 11	0 25	23 21	0 31	17 22	2 12	6 43	7 9	18 36			n.a.
S 11	2 5	11 20	1 28	3 25	1 12	14 25	1 22	25 9	1 19	0 49	1 7	5 31	2 38	24 11	0 25	23 21	0 31	17 23	2 12	6 42	7 10	18 36			n.a.
S 12	2 29	7 50	0 21	3 57	1 27	14 2	1 24	25 10	1 20	0 55	1 7	5 29	2 38	24 11	0 25	23 21	0 31	17 23	2 12	6 42	7 11	18 36			n.a.
M13	2 54	3 54	0n49	4 22	1 41	13 39	1 26	25 11	1 22	1 0	1 7	5 28	2 38	24 11	0 25	23 21	0 31	17 24	2 11	6 42	7 13	18 35			n.a.
T 14	3 18	0s18	1 58	4 40	1 53	13 15	1 28	25 12	1 23	1 6	1 6	5 26	2 38	24 11	0 25	23 21	0 31	17 24	2 11	6 43	7 14	18 35			n.a.
W15	3 42	4 34	3 1	4 52	2 2	12 51	1 31	25 14	1 25	1 11	1 6	5 24	2 38	24 11	0 25	23 21	0 31	17 25	2 11	6 44	7 15	18 35			n.a.
T 16	4 7	8 41	3 56	4 58	2 10	12 27	1 33	25 14	1 27	1 17	1 6	5 22	2 38	24 12	0 25	23 20	0 31	17 25	2 11	6 45	7 16	18 34			n.a.
F 17	4 31	12 24	4 38	4 59	2 17	12 2	1 34	25 15	1 28	1 22	1 6	5 20	2 38	24 12	0 24	23 20	0 31	17 26	2 11	6 47	7 17	18 34			n.a.
S 18	4 55	15 29	5 4	4 54	2 21	11 36	1 36	25 16	1 30	1 28	1 6	5 18	2 38	24 12	0 24	23 20	0 31	17 26	2 11	6 49	7 19	18 34			n.a.
S 19	5 19	17 41	5 13	4 44	2 25	11 11	1 38	25 17	1 32	1 33	1 6	5 16	2 38	24 12	0 24	23 20	0 31	17 27	2 11	6 50	7 20	18 33			n.a.
M20	5 44	18 49	5 2	4 30	2 27	10 45	1 39	25 18	1 34	1 38	1 6	5 14	2 38	24 12	0 24	23 20	0 31	17 28	2 10	6 51	7 21	18 33			n.a.
T 21	6 8	18 46	4 33	4 12	2 27	10 18	1 41	25 19	1 36	1 44	1 6	5 13	2 38	24 12	0 24	23 20	0 31	17 28	2 10	6 52	7 22	18 33			n.a.
W22	6 31	17 34	3 48	3 50	2 27	9 52	1 42	25 20	1 37	1 49	1 6	5 11	2 38	24 12	0 24	23 20	0 31	17 29	2 10	6 52	7 24	18 32			n.a.
T 23	6 55	15 16	2 49	3 26	2 26	9 25	1 44	25 21	1 39	1 55	1 6	5 9	2 38	24 12	0 24	23 20	0 31	17 29	2 10	6 51	7 25	18 32			n.a.
F 24	7 19	12 5	1 39	2 59	2 24	8 58	1 45	25 21	1 41	2 0	1 6	5 7	2 38	24 12	0 24	23 20	0 31	17 30	2 10	6 51	7 26	18 32			n.a.
S 25	7 43	8 13	0 25	2 29	2 21	8 30	1 46	25 22	1 43	2 5	1 6	5 5	2 38	24 12	0 24	23 20	0 31	17 30	2 10	6 50	7 27	18 31			n.a.
S 26	8 6	3 55	0s50	1 58	2 18	8 2	1 47	25 23	1 45	2 11	1 6	5 3	2 38	24 12	0 24	23 20	0 31	17 31	2 10	6 50	7 29	18 31			n.a.
M27	8 29	0n31	2 2	1 25	2 14	7 34	1 48	25 24	1 47	2 16	1 6	5 1	2 38	24 12	0 24	23 20	0 31	17 31	2 10	6 51	7 30	18 31			n.a.
T 28	8 53	4 52	3 5	0 50	2 9	7 6	1 49	25 24	1 49	2 21	1 6	4 59	2 38	24 12	0 24	23 20	0 31	17 32	2 9	6 53	7 31	18 30			n.a.
W29	9 16	8 54	3 57	0 14	2 4	6 38	1 50	25 25	1 51	2 27	1 6	4 58	2 38	24 12	0 24	23 20	0 31	17 32	2 9	6 55	7 32	18 30			n.a.
T 30	9 39	12 25	4 36	0s23	1 59	6 9	1 50	25 26	1 53	2 32	1 6	4 56	2 38	24 12	0 24	23 20	0 31	17 33	2 9	6 58	7 33	18 29			n.a.
F 31	10s 1	15n17	4s59	1s 1	1n53	5n40	1n51	25n27	1n55	2s37	1n 6	4n54	2s38	24s12	0s24	23s20	0s31	17s34	2n 9	7n 1	7n35	18n29			n.a.

Julian Day Number = 1193179.5, Delta T = 09h30m05s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'50, Lahiri = -23°54'49 Julian Calendar 1 Oct. 1447 BCE == Greg. Calendar 18 Sept. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

NOVEMBER 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 48 29	26♎30'07	10♊50	8♎10	21♍22	9♋23	9♎13	18°R17	25♐57	16♑31	26♏15	12°R17	10♍55	18♋57	n.a.	S 1
S 2	1 52 25	27°31'19	23° 2	9°34	22°36	9°39	9°26	18♈12	25°59	16°32	26°17	12♍11	10°52	19° 4	n.a.	S 2
M 3	1 56 22	28°32'33	5♋ 3	10°59	23°50	9°54	9°40	18° 7	26° 2	16°33	26°19	12° 5	10°49	19°10	n.a.	M 3
T 4	2 0 19	29°33'47	16°56	12°25	25° 4	10° 9	9°53	18° 2	26° 4	16°33	26°20	12° 2	10°46	19°17	n.a.	T 4
W 5	2 4 15	0♏35'02	28°46	13°52	26°18	10°24	10° 6	17°57	26° 6	16°34	26°22	12°D 1	10°43	19°24	n.a.	W 5
T 6	2 8 12	1°36'18	10♌38	15°20	27°32	10°38	10°19	17°52	26° 8	16°35	26°24	12° 2	10°39	19°30	n.a.	T 6
F 7	2 12 8	2°37'35	22°37	16°48	28°46	10°51	10°32	17°48	26°11	16°36	26°26	12° 3	10°36	19°37	n.a.	F 7
S 8	2 16 5	3°38'52	4♍49	18°17	29°59	11° 4	10°45	17°43	26°13	16°37	26°28	12° 4	10°33	19°44	n.a.	S 8
S 9	2 20 1	4°40'10	17°18	19°46	1♎14	11°16	10°58	17°38	26°16	16°38	26°30	12°R 4	10°30	19°50	n.a.	S 9
M10	2 23 58	5°41'29	0♎ 8	21°16	2°28	11°28	11°10	17°34	26°18	16°39	26°32	12° 2	10°27	19°57	n.a.	M10
T 11	2 27 55	6°42'48	13°20	22°46	3°42	11°39	11°23	17°29	26°21	16°40	26°34	11°58	10°24	20° 4	n.a.	T 11
W12	2 31 51	7°44'08	26°56	24°16	4°56	11°50	11°36	17°24	26°23	16°41	26°36	11°52	10°20	20°11	n.a.	W12
T 13	2 35 48	8°45'27	10♏54	25°47	6°11	12° 0	11°49	17°20	26°26	16°42	26°38	11°43	10°17	20°17	n.a.	T 13
F 14	2 39 44	9°46'48	25° 8	27°18	7°25	12° 9	12° 2	17°15	26°28	16°43	26°40	11°33	10°14	20°24	n.a.	F 14
S 15	2 43 41	10°48'08	9♐34	28°50	8°39	12°18	12°14	17°11	26°31	16°44	26°42	11°23	10°11	20°31	n.a.	S 15
S 16	2 47 37	11°49'28	24° 5	0♏21	9°54	12°26	12°27	17° 7	26°34	16°45	26°44	11°14	10° 8	20°37	n.a.	S 16
M17	2 51 34	12°50'48	8♑34	1°53	11° 8	12°34	12°39	17° 3	26°36	16°47	26°46	11° 7	10° 5	20°44	n.a.	M17
T 18	2 55 30	13°52'08	22°56	3°26	12°23	12°40	12°52	16°58	26°39	16°48	26°48	11° 3	10° 1	20°51	n.a.	T 18
W19	2 59 27	14°53'28	7♒ 9	4°58	13°37	12°47	13° 4	16°54	26°42	16°49	26°50	11° 1	9°58	20°57	n.a.	W19
T 20	3 3 24	15°54'47	21°10	6°31	14°51	12°52	13°17	16°50	26°45	16°50	26°52	11°D 1	9°55	21° 4	n.a.	T 20
F 21	3 7 20	16°56'06	4♓59	8° 4	16° 6	12°57	13°29	16°46	26°48	16°52	26°54	11°R 1	9°52	21°11	n.a.	F 21
S 22	3 11 17	17°57'24	18°36	9°37	17°20	13° 1	13°41	16°42	26°51	16°53	26°56	11° 1	9°49	21°17	n.a.	S 22
S 23	3 15 13	18°58'42	2♈ 3	11°11	18°35	13° 4	13°54	16°38	26°53	16°54	26°59	10°59	9°45	21°24	n.a.	S 23
M24	3 19 10	20° 0'00	15°19	12°45	19°49	13° 7	14° 6	16°35	26°56	16°56	27° 1	10°55	9°42	21°31	n.a.	M24
T 25	3 23 6	21° 1'17	28°25	14°20	21° 4	13° 9	14°18	16°31	26°59	16°57	27° 3	10°47	9°39	21°38	n.a.	T 25
W26	3 27 3	22° 2'34	11♉20	15°54	22°19	13°10	14°30	16°27	27° 2	16°59	27° 5	10°37	9°36	21°44	n.a.	W26
T 27	3 31 0	23° 3'50	24° 4	17°29	23°33	13°R11	14°42	16°24	27° 5	17° 0	27° 7	10°24	9°33	21°51	n.a.	T 27
F 28	3 34 56	24° 5'06	6♊35	19° 5	24°48	13°10	14°54	16°20	27° 8	17° 2	27° 9	10°11	9°30	21°58	n.a.	F 28
S 29	3 38 53	25° 6'22	18°54	20°41	26° 2	13° 9	15° 5	16°17	27°11	17° 3	27°11	9°57	9°26	22° 4	n.a.	S 29
S 30	3 42 49	26♏ 7'37	1♋ 2	22♏17	27♎17	13♋ 8	15♎17	16♈14	27♐14	17♑ 5	27♏13	9♍45	9♍23	22♋11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s24	17n23	5s 8	1s39	1n48	5n11	1n51	25n28	1n57	2s42	1n 6	4n52	2s38	24s12	0s24	23s20	0s31	17s34	2n 9	7n 4	7n36	18n29		n.a.
S 2	10 46	18 38	5 3	2 18	1 41	4 41	1 52	25 29	1 59	2 48	1 6	4 50	2 37	24 12	0 24	23 19	0 31	17 35	2 9	7 7	7 37	18 28		n.a.
M 3	11 9	19 2	4 44	2 58	1 35	4 12	1 52	25 30	2 1	2 53	1 6	4 48	2 37	24 12	0 24	23 19	0 31	17 35	2 9	7 9	7 38	18 28		n.a.
T 4	11 31	18 34	4 14	3 38	1 29	3 42	1 52	25 30	2 3	2 58	1 6	4 47	2 37	24 12	0 24	23 19	0 31	17 36	2 8	7 10	7 40	18 28		n.a.
W 5	11 53	17 19	3 32	4 19	1 22	3 13	1 52	25 31	2 5	3 3	1 6	4 45	2 37	24 13	0 24	23 19	0 31	17 36	2 8	7 10	7 41	18 27		n.a.
T 6	12 14	15 18	2 41	4 59	1 15	2 43	1 52	25 32	2 7	3 9	1 6	4 43	2 37	24 13	0 24	23 19	0 31	17 37	2 8	7 10	7 42	18 27		n.a.
F 7	12 36	12 36	1 43	5 40	1 8	2 13	1 52	25 33	2 9	3 14	1 6	4 42	2 37	24 13	0 24	23 19	0 31	17 38	2 8	7 10	7 43	18 26		n.a.
S 8	12 57	9 18	0 39	6 21	1 2	1 43	1 52	25 35	2 12	3 19	1 6	4 40	2 37	24 13	0 24	23 19	0 31	17 38	2 8	7 9	7 44	18 26		n.a.
S 9	13 18	5 32	0n28	7 1	0 55	1 12	1 52	25 36	2 14	3 24	1 6	4 38	2 37	24 13	0 24	23 19	0 30	17 39	2 8	7 9	7 46	18 26		n.a.
M10	13 39	1 24	1 36	7 42	0 48	0 42	1 52	25 37	2 16	3 29	1 6	4 36	2 36	24 13	0 24	23 19	0 30	17 39	2 8	7 10	7 47	18 25		n.a.
T 11	14 0	2s55	2 40	8 23	0 41	0 12	1 51	25 38	2 18	3 34	1 6	4 35	2 36	24 13	0 24	23 18	0 30	17 40	2 8	7 12	7 48	18 25		n.a.
W12	14 20	7 12	3 36	9 3	0 34	0s18	1 51	25 40	2 21	3 39	1 6	4 33	2 36	24 13	0 24	23 18	0 30	17 40	2 8	7 14	7 49	18 24		n.a.
T 13	14 40	11 13	4 22	9 43	0 27	0 49	1 50	25 41	2 23	3 44	1 6	4 32	2 36	24 13	0 24	23 18	0 30	17 41	2 7	7 17	7 51	18 24		n.a.
F 14	15 0	14 40	4 52	10 23	0 20	1 19	1 50	25 42	2 25	3 49	1 6	4 30	2 36	24 13	0 24	23 18	0 30	17 42	2 7	7 21	7 52	18 23		n.a.
S 15	15 20	17 16	5 4	11 3	0 13	1 50	1 49	25 44	2 28	3 54	1 6	4 29	2 36	24 13	0 24	23 18	0 30	17 42	2 7	7 25	7 53	18 23		n.a.
S 16	15 39	18 47	4 57	11 42	0 6	2 20	1 48	25 46	2 30	3 59	1 6	4 27	2 35	24 13	0 24	23 18	0 30	17 43	2 7	7 29	7 54	18 23		n.a.
M17	15 58	19 5	4 30	12 21	0s 1	2 51	1 47	25 47	2 32	4 4	1 6	4 26	2 35	24 13	0 24	23 18	0 30	17 43	2 7	7 31	7 55	18 22		n.a.
T 18	16 17	18 8	3 47	13 0	0 8	3 21	1 46	25 49	2 35	4 9	1 6	4 24	2 35	24 13	0 24	23 17	0 30	17 44	2 7	7 33	7 57	18 22		n.a.
W19	16 35	16 4	2 50	13 38	0 14	3 51	1 45	25 51	2 37	4 14	1 6	4 23	2 35	24 13	0 24	23 17	0 30	17 44	2 7	7 34	7 58	18 21		n.a.
T 20	16 54	13 4	1 44	14 15	0 21	4 21	1 44	25 53	2 40	4 19	1 6	4 21	2 35	24 13	0 24	23 17	0 30	17 45	2 7	7 34	7 59	18 21		n.a.
F 21	17 11	9 21	0 32	14 52	0 27	4 52	1 43	25 55	2 42	4 24	1 6	4 20	2 34	24 14	0 24	23 17	0 30	17 46	2 7	7 34	8 0	18 20		n.a.
S 22	17 29	5 12	0s40	15 29	0 34	5 22	1 42	25 57	2 45	4 28	1 7	4 19	2 34	24 14	0 24	23 17	0 30	17 46	2 6	7 34	8 2	18 20		n.a.
S 23	17 46	0 50	1 49	16 5	0 40	5 52	1 40	25 59	2 47	4 33	1 7	4 17	2 34	24 14	0 24	23 16	0 30	17 47	2 6	7 34	8 3	18 19		n.a.
M24	18 3	3n30	2 51	16 40	0 46	6 22	1 39	26 1	2 50	4 38	1 7	4 16	2 34	24 14	0 24	23 16	0 30	17 47	2 6	7 36	8 4	18 19		n.a.
T 25	18 20	7 38	3 43	17 15	0 52	6 51	1 38	26 4	2 53	4 43	1 7	4 15	2 33	24 14	0 24	23 16	0 30	17 48	2 6	7 39	8 5	18 19		n.a.
W26	18 36	11 20	4 23	17 49	0 58	7 21	1 36	26 6	2 55	4 47	1 7	4 14	2 33	24 14	0 24	23 16	0 30	17 49	2 6	7 43	8 6	18 18		n.a.
T 27	18 52	14 27	4 49	18 22	1 3	7 50	1 35	26 9	2 58	4 52	1 7	4 13	2 33	24 14	0 24	23 16	0 30	17 49	2 6	7 48	8 8	18 18		n.a.
F 28	19 7	16 52	5 0	18 54	1 9	8 20	1 33	26 11	3 0	4 57	1 7	4 12	2 33	24 14	0 24	23 16	0 30	17 50	2 6	7 53	8 9	18 17		n.a.
S 29	19 23	18 27	4 57	19 25	1 14	8 49	1 31	26 14	3 3	5 1	1 7	4 10	2 32	24 14	0 24	23 15	0 30	17 50	2 6	7 58	8 10	18 17		n.a.
S 30	19s38	19n11	4s41	19s56	1s19	9s18	1n30	26n17	3n 6	5s 6	1n 7	4n 9	2s32	24s14	0s24	23s15	0s30	17s51	2n 6	8n 3	8n11	18n16		n.a.

Julian Day Number = 1193210.5, Delta T = 09h30m03s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'46, Lahiri = -23°54'45 Julian Calendar 1 Nov. 1447 BCE == Greg. Calendar 19 Oct. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1447 BCE
geocentric

DECEMBER 1447 BCE (-1446) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 46 46	27♏ 8'52	13♋ 1	23♏54	28♎32	13°R 5	15♎29	16°R11	27♐18	17♑ 7	27♏15	9°R35	9♍20	22♋18	n.a.	M 1
T 2	3 50 42	28°10'07	24°52	25°31	29°46	13♋ 2	15°41	16♈ 8	27°21	17° 8	27°17	9♍27	9°17	22°24	n.a.	T 2
W 3	3 54 39	29°11'21	6♌41	27° 9	1♏ 1	12°57	15°52	16° 5	27°24	17°10	27°19	9°23	9°14	22°31	n.a.	W 3
T 4	3 58 35	0♐12'35	18°30	28°47	2°16	12°53	16° 4	16° 2	27°27	17°11	27°21	9°21	9°11	22°38	n.a.	T 4
F 5	4 2 32	1°13'49	0♍27	0♐25	3°30	12°47	16°15	15°59	27°30	17°13	27°24	9°D20	9° 7	22°44	n.a.	F 5
S 6	4 6 29	2°15'02	12°36	2° 5	4°45	12°40	16°26	15°56	27°33	17°15	27°26	9°R20	9° 4	22°51	n.a.	S 6
S 7	4 10 25	3°16'15	25° 2	3°44	6° 0	12°33	16°37	15°54	27°37	17°17	27°28	9°20	9° 1	22°58	n.a.	S 7
M 8	4 14 22	4°17'27	7♎51	5°24	7°14	12°25	16°49	15°51	27°40	17°18	27°30	9°17	8°58	23° 4	n.a.	M 8
T 9	4 18 18	5°18'39	21° 6	7° 5	8°29	12°16	17° 0	15°49	27°43	17°20	27°32	9°12	8°55	23°11	n.a.	T 9
W10	4 22 15	6°19'50	4♏50	8°46	9°44	12° 6	17°11	15°47	27°46	17°22	27°34	9° 4	8°51	23°18	n.a.	W10
T 11	4 26 11	7°21'00	19° 1	10°28	10°58	11°55	17°22	15°45	27°50	17°24	27°36	8°54	8°48	23°25	n.a.	T 11
F 12	4 30 8	8°22'10	3♐35	12°10	12°13	11°44	17°32	15°43	27°53	17°26	27°38	8°41	8°45	23°31	n.a.	F 12
S 13	4 34 5	9°23'19	18°26	13°53	13°28	11°32	17°43	15°41	27°56	17°28	27°40	8°29	8°42	23°38	n.a.	S 13
S 14	4 38 1	10°24'27	3♑23	15°36	14°43	11°19	17°54	15°39	28° 0	17°29	27°42	8°18	8°39	23°45	n.a.	S 14
M15	4 41 58	11°25'33	18°19	17°20	15°57	11° 5	18° 4	15°37	28° 3	17°31	27°44	8° 9	8°36	23°51	n.a.	M15
T 16	4 45 54	12°26'39	3♒ 4	19° 4	17°12	10°50	18°15	15°35	28° 7	17°33	27°46	8° 3	8°32	23°58	n.a.	T 16
W17	4 49 51	13°27'42	17°33	20°48	18°27	10°35	18°25	15°34	28°10	17°35	27°48	8° 0	8°29	24° 5	n.a.	W17
T 18	4 53 47	14°28'45	1♓43	22°33	19°41	10°19	18°35	15°33	28°13	17°37	27°50	7°59	8°26	24°11	n.a.	T 18
F 19	4 57 44	15°29'46	15°32	24°18	20°56	10° 3	18°45	15°31	28°17	17°39	27°52	7°59	8°23	24°18	n.a.	F 19
S 20	5 1 40	16°30'45	29° 3	26° 3	22°11	9°45	18°55	15°30	28°20	17°41	27°54	7°58	8°20	24°25	n.a.	S 20
S 21	5 5 37	17°31'43	12♈17	27°48	23°25	9°27	19° 5	15°29	28°24	17°43	27°56	7°56	8°17	24°31	n.a.	S 21
M22	5 9 34	18°32'39	25°16	29°33	24°40	9° 9	19°15	15°28	28°27	17°45	27°58	7°51	8°13	24°38	n.a.	M22
T 23	5 13 30	19°33'34	8♉ 2	1♑18	25°55	8°50	19°25	15°27	28°30	17°47	28° 0	7°44	8°10	24°45	n.a.	T 23
W24	5 17 27	20°34'28	20°38	3° 2	27° 9	8°30	19°34	15°27	28°34	17°49	28° 2	7°33	8° 7	24°51	n.a.	W24
T 25	5 21 23	21°35'19	3♊ 3	4°45	28°24	8° 9	19°44	15°26	28°37	17°51	28° 4	7°21	8° 4	24°58	n.a.	T 25
F 26	5 25 20	22°36'10	15°20	6°27	29°39	7°49	19°53	15°26	28°41	17°54	28° 6	7° 7	8° 1	25° 5	n.a.	F 26
S 27	5 29 16	23°36'59	27°28	8° 8	0♐53	7°27	20° 2	15°25	28°44	17°56	28° 8	6°53	7°57	25°12	n.a.	S 27
S 28	5 33 13	24°37'46	9♋29	9°47	2° 8	7° 6	20°12	15°25	28°48	17°58	28°10	6°40	7°54	25°18	n.a.	S 28
M29	5 37 10	25°38'32	21°23	11°24	3°23	6°44	20°21	15°25	28°51	18° 0	28°12	6°30	7°51	25°25	n.a.	M29
T 30	5 41 6	26°39'17	3♌12	12°58	4°37	6°21	20°29	15°D25	28°55	18° 2	28°14	6°22	7°48	25°32	n.a.	T 30
W31	5 45 3	27♐40'00	15♌ 0	14♑29	5♐52	5♋58	20♎38	15♈25	28♐58	18♑ 4	28♏16	6♍17	7♍45	25♋38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s52	19n 2	4s12	20s26	1s24	9s46	1n28	26n20	3n 8	5s10	1n 7	4n 8	2s32	24s14	0s24	23s15	0s30	17s51	2n 6	8n 7	8n12	18n16		n.a.
T 2	20 6	18 3	3 32	20 55	1 28	10 15	1 26	26 23	3 11	5 15	1 7	4 7	2 32	24 14	0 24	23 15	0 30	17 52	2 5	8 10	8 14	18 15		n.a.
W 3	20 20	16 17	2 44	21 22	1 33	10 43	1 24	26 26	3 14	5 19	1 7	4 7	2 31	24 14	0 24	23 14	0 30	17 53	2 5	8 11	8 15	18 15		n.a.
T 4	20 33	13 50	1 48	21 49	1 37	11 11	1 22	26 29	3 16	5 24	1 7	4 6	2 31	24 14	0 24	23 14	0 30	17 53	2 5	8 12	8 16	18 14		n.a.
F 5	20 46	10 47	0 47	22 14	1 41	11 39	1 20	26 32	3 19	5 28	1 7	4 5	2 31	24 14	0 24	23 14	0 30	17 54	2 5	8 12	8 17	18 14		n.a.
S 6	20 59	7 13	0n17	22 39	1 44	12 6	1 18	26 35	3 21	5 32	1 7	4 4	2 31	24 14	0 24	23 14	0 30	17 54	2 5	8 12	8 19	18 13		n.a.
S 7	21 11	3 16	1 22	23 2	1 48	12 34	1 16	26 39	3 24	5 37	1 7	4 3	2 30	24 15	0 24	23 14	0 30	17 55	2 5	8 13	8 20	18 13		n.a.
M 8	21 23	0s57	2 25	23 24	1 51	13 0	1 14	26 42	3 27	5 41	1 7	4 3	2 30	24 15	0 24	23 13	0 30	17 55	2 5	8 14	8 21	18 12		n.a.
T 9	21 34	5 16	3 22	23 44	1 53	13 27	1 12	26 46	3 29	5 45	1 8	4 2	2 30	24 15	0 24	23 13	0 30	17 56	2 5	8 16	8 22	18 12		n.a.
W10	21 45	9 27	4 9	24 3	1 56	13 53	1 10	26 49	3 32	5 49	1 8	4 1	2 30	24 15	0 24	23 13	0 30	17 56	2 5	8 19	8 23	18 11		n.a.
T 11	21 55	13 15	4 43	24 21	1 58	14 19	1 7	26 53	3 35	5 54	1 8	4 1	2 29	24 15	0 24	23 13	0 30	17 57	2 5	8 23	8 25	18 11		n.a.
F 12	22 5	16 21	4 59	24 37	1 59	14 45	1 5	26 56	3 37	5 58	1 8	4 0	2 29	24 15	0 24	23 12	0 30	17 58	2 5	8 27	8 26	18 10		n.a.
S 13	22 15	18 26	4 56	24 52	2 0	15 10	1 3	27 0	3 40	6 2	1 8	4 0	2 29	24 15	0 24	23 12	0 30	17 58	2 4	8 32	8 27	18 10		n.a.
S 14	22 24	19 17	4 32	25 4	2 1	15 34	1 0	27 4	3 42	6 6	1 8	3 59	2 28	24 15	0 24	23 12	0 30	17 59	2 4	8 36	8 28	18 9		n.a.
M15	22 33	18 47	3 50	25 15	2 1	15 59	0 58	27 7	3 45	6 10	1 8	3 59	2 28	24 15	0 24	23 12	0 30	17 59	2 4	8 40	8 29	18 9		n.a.
T 16	22 41	17 0	2 53	25 25	2 1	16 23	0 56	27 11	3 47	6 14	1 8	3 59	2 28	24 15	0 24	23 11	0 30	18 0	2 4	8 42	8 31	18 8		n.a.
W17	22 49	14 10	1 46	25 32	2 0	16 46	0 53	27 15	3 50	6 18	1 8	3 58	2 27	24 15	0 24	23 11	0 30	18 0	2 4	8 43	8 32	18 8		n.a.
T 18	22 56	10 32	0 33	25 38	1 59	17 9	0 51	27 18	3 52	6 22	1 8	3 58	2 27	24 15	0 24	23 11	0 30	18 1	2 4	8 43	8 33	18 7		n.a.
F 19	23 3	6 25	0s40	25 41	1 57	17 32	0 48	27 22	3 54	6 25	1 8	3 58	2 27	24 15	0 24	23 11	0 30	18 1	2 4	8 44	8 34	18 6		n.a.
S 20	23 10	2 3	1 49	25 43	1 55	17 54	0 46	27 26	3 56	6 29	1 8	3 58	2 27	24 15	0 24	23 10	0 30	18 2	2 4	8 44	8 36	18 6		n.a.
S 21	23 16	2n19	2 51	25 42	1 52	18 16	0 43	27 29	3 59	6 33	1 9	3 57	2 26	24 15	0 24	23 10	0 30	18 2	2 4	8 44	8 37	18 5		n.a.
M22	23 21	6 30	3 42	25 40	1 48	18 37	0 41	27 33	4 1	6 37	1 9	3 57	2 26	24 15	0 24	23 10	0 30	18 3	2 4	8 46	8 38	18 5		n.a.
T 23	23 27	10 18	4 22	25 35	1 44	18 57	0 38	27 36	4 3	6 40	1 9	3 57	2 26	24 15	0 24	23 10	0 30	18 3	2 4	8 49	8 39	18 4		n.a.
W24	23 31	13 36	4 48	25 28	1 39	19 18	0 36	27 39	4 5	6 44	1 9	3 57	2 25	24 15	0 24	23 9	0 30	18 4	2 4	8 53	8 40	18 4		n.a.
T 25	23 35	16 14	5 0	25 19	1 33	19 37	0 33	27 43	4 7	6 47	1 9	3 57	2 25	24 15	0 24	23 9	0 30	18 4	2 4	8 58	8 42	18 3		n.a.
F 26	23 39	18 7	4 58	25 8	1 26	19 56	0 30	27 46	4 9	6 51	1 9	3 58	2 25	24 15	0 24	23 9	0 30	18 5	2 3	9 3	8 43	18 3		n.a.
S 27	23 42	19 8	4 42	24 55	1 19	20 15	0 28	27 49	4 11	6 54	1 9	3 58	2 24	24 16	0 24	23 8	0 30	18 5	2 3	9 8	8 44	18 2		n.a.
S 28	23 45	19 18	4 14	24 40	1 10	20 33	0 25	27 52	4 12	6 58	1 9	3 58	2 24	24 16	0 24	23 8	0 30	18 6	2 3	9 13	8 45	18 1		n.a.
M29	23 47	18 36	3 34	24 23	1 1	20 50	0 23	27 55	4 14	7 1	1 9	3 58	2 24	24 16	0 24	23 8	0 31	18 6	2 3	9 17	8 46	18 1		n.a.
T 30	23 49	17 6	2 46	24 4	0 51	21 7	0 20	27 57	4 15	7 4	1 9	3 58	2 23	24 16	0 24	23 8	0 31	18 7	2 3	9 20	8 48	18 0		n.a.
W31	23s50	14n52	1s51	23s44	0s40	21s23	0n17	28n 0	4n17	7s 8	1n10	3n59	2s23	24s16	0s24	23s 7	0s31	18s 7	2n 3	9n22	8n49	18n 0		n.a.

Julian Day Number = 1193240.5, Delta T = 09h30m02s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'41, Lahiri = -23°54'41 Julian Calendar 1 Dec. 1447 BCE == Greg. Calendar 18 Nov. 1447 BCE

The year -1446 astronomical counting style corresponds to year 1447 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

JANUARY 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 48 59	28♐40'42	26♌49	15♉56	7♐ 7	5°R35	20♎47	15♈25	29♐ 2	18♉ 6	28♏18	6°R15	7♍42	25♋45	n.a.	T 1
F 2	5 52 56	29°41'22	8♍45	17°19	8°21	5♋12	20°55	15°26	29° 5	18° 9	28°19	6°D14	7°38	25°52	n.a.	F 2
S 3	5 56 52	0♉42'01	20°51	18°36	9°36	4°48	21° 4	15°26	29° 9	18°11	28°21	6♍15	7°35	25°58	n.a.	S 3
S 4	6 0 49	1°42'39	3♎14	19°47	10°50	4°24	21°12	15°27	29°12	18°13	28°23	6°R15	7°32	26° 5	n.a.	S 4
M 5	6 4 45	2°43'15	15°58	20°52	12° 5	4° 1	21°20	15°27	29°16	18°15	28°25	6°14	7°29	26°12	n.a.	M 5
T 6	6 8 42	3°43'50	29° 8	21°50	13°20	3°37	21°28	15°28	29°19	18°17	28°27	6°11	7°26	26°18	n.a.	T 6
W 7	6 12 38	4°44'23	12♏47	22°39	14°34	3°13	21°36	15°29	29°23	18°20	28°28	6° 6	7°22	26°25	n.a.	W 7
T 8	6 16 35	5°44'55	26°56	23°20	15°49	2°49	21°44	15°30	29°26	18°22	28°30	5°58	7°19	26°32	n.a.	T 8
F 9	6 20 32	6°45'26	11♐33	23°52	17° 3	2°25	21°52	15°31	29°30	18°24	28°32	5°49	7°16	26°38	n.a.	F 9
S 10	6 24 28	7°45'54	26°32	24°14	18°18	2° 1	21°59	15°32	29°33	18°26	28°34	5°40	7°13	26°45	n.a.	S 10
S 11	6 28 25	8°46'22	11♉44	24°26	19°33	1°38	22° 6	15°34	29°36	18°28	28°35	5°31	7°10	26°52	n.a.	S 11
M12	6 32 21	9°46'47	26°58	24°R28	20°47	1°14	22°14	15°35	29°40	18°31	28°37	5°24	7° 7	26°58	n.a.	M12
T 13	6 36 18	10°47'10	12♒ 4	24°20	22° 2	0°51	22°21	15°37	29°43	18°33	28°39	5°20	7° 3	27° 5	n.a.	T 13
W14	6 40 14	11°47'31	26°53	24° 2	23°16	0°29	22°27	15°38	29°47	18°35	28°40	5°17	7° 0	27°12	n.a.	W14
T 15	6 44 11	12°47'49	11♓19	23°34	24°31	0° 6	22°34	15°40	29°50	18°38	28°42	5°D17	6°57	27°18	n.a.	T 15
F 16	6 48 8	13°48'06	25°21	22°58	25°45	29♊44	22°41	15°42	29°54	18°40	28°43	5°18	6°54	27°25	n.a.	F 16
S 17	6 52 4	14°48'20	8♈58	22°15	27° 0	29°23	22°47	15°44	29°57	18°42	28°45	5°R19	6°51	27°32	n.a.	S 17
S 18	6 56 1	15°48'32	22°12	21°24	28°14	29° 1	22°54	15°46	0♉ 0	18°44	28°47	5°19	6°48	27°38	n.a.	S 18
M19	6 59 57	16°48'42	5♉ 6	20°28	29°29	28°41	23° 0	15°49	0° 4	18°47	28°48	5°17	6°44	27°45	n.a.	M19
T 20	7 3 54	17°48'49	17°43	19°29	0♉43	28°21	23° 6	15°51	0° 7	18°49	28°50	5°13	6°41	27°52	n.a.	T 20
W21	7 7 50	18°48'55	0♊ 6	18°27	1°58	28° 1	23°12	15°53	0°10	18°51	28°51	5° 7	6°38	27°59	n.a.	W21
T 22	7 11 47	19°48'58	12°19	17°24	3°12	27°42	23°17	15°56	0°14	18°53	28°53	5° 0	6°35	28° 5	n.a.	T 22
F 23	7 15 43	20°48'59	24°24	16°22	4°27	27°24	23°23	15°59	0°17	18°56	28°54	4°51	6°32	28°12	n.a.	F 23
S 24	7 19 40	21°48'57	6♋22	15°21	5°41	27° 6	23°28	16° 1	0°20	18°58	28°55	4°43	6°28	28°19	n.a.	S 24
S 25	7 23 36	22°48'54	18°15	14°24	6°55	26°49	23°33	16° 4	0°24	19° 0	28°57	4°35	6°25	28°25	n.a.	S 25
M26	7 27 33	23°48'48	0♌ 5	13°32	8°10	26°33	23°38	16° 7	0°27	19° 3	28°58	4°28	6°22	28°32	n.a.	M26
T 27	7 31 30	24°48'40	11°54	12°44	9°24	26°17	23°43	16°10	0°30	19° 5	29° 0	4°24	6°19	28°39	n.a.	T 27
W28	7 35 26	25°48'31	23°44	12° 2	10°39	26° 2	23°48	16°14	0°33	19° 7	29° 1	4°21	6°16	28°45	n.a.	W28
T 29	7 39 23	26°48'19	5♍37	11°26	11°53	25°48	23°52	16°17	0°37	19° 9	29° 2	4°D21	6°13	28°52	n.a.	T 29
F 30	7 43 19	27°48'05	17°37	10°57	13° 7	25°34	23°57	16°20	0°40	19°12	29° 4	4°22	6° 9	28°59	n.a.	F 30
S 31	7 47 16	28♉47'49	29♍46	10♉34	14♉22	25♊22	24♎ 1	16♈24	0♉43	19♉14	29♏ 5	4♍23	6♍ 6	29♋ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s51	12n 0	0s50	23s22	0s28	21s38	0n15	28n 2	4n18	7s11	1n10	3n59	2s23	24s16	0s24	23s 7	0s31	18s 8	2n 3	9n23	8n50	17n59			n.a.
F 2	23 52	8 38	0n13	22 59	0 16	21 53	0 12	28 5	4 19	7 14	1 10	4 0	2 22	24 16	0 24	23 7	0 31	18 8	2 3	9 23	8 51	17 59			n.a.
S 3	23 52	4 52	1 17	22 35	0 2	22 8	0 9	28 7	4 21	7 17	1 10	4 0	2 22	24 16	0 24	23 6	0 31	18 9	2 3	9 23	8 52	17 58			n.a.
S 4	23 51	0 49	2 19	22 11	0n12	22 21	0 7	28 9	4 22	7 20	1 10	4 1	2 22	24 16	0 24	23 6	0 31	18 9	2 3	9 23	8 54	17 57			n.a.
M 5	23 50	3s23	3 16	21 46	0 27	22 34	0 4	28 10	4 23	7 23	1 10	4 1	2 21	24 16	0 24	23 6	0 31	18 10	2 3	9 23	8 55	17 57			n.a.
T 6	23 48	7 34	4 4	21 21	0 43	22 46	0 2	28 12	4 23	7 26	1 10	4 2	2 21	24 16	0 24	23 6	0 31	18 10	2 3	9 24	8 56	17 56			n.a.
W 7	23 47	11 30	4 40	20 57	0 59	22 58	0s 1	28 13	4 24	7 29	1 10	4 2	2 21	24 16	0 24	23 5	0 31	18 11	2 3	9 26	8 57	17 56			n.a.
T 8	23 44	14 56	5 1	20 34	1 15	23 9	0 3	28 15	4 25	7 32	1 11	4 3	2 21	24 16	0 24	23 5	0 31	18 11	2 3	9 29	8 58	17 55			n.a.
F 9	23 41	17 34	5 3	20 12	1 32	23 19	0 6	28 16	4 25	7 34	1 11	4 4	2 20	24 16	0 24	23 5	0 31	18 12	2 3	9 32	9 0	17 54			n.a.
S 10	23 38	19 4	4 45	19 52	1 49	23 29	0 9	28 17	4 26	7 37	1 11	4 5	2 20	24 16	0 24	23 4	0 31	18 12	2 3	9 36	9 1	17 54			n.a.
S 11	23 34	19 14	4 7	19 33	2 6	23 38	0 11	28 17	4 26	7 40	1 11	4 5	2 20	24 16	0 24	23 4	0 31	18 12	2 2	9 39	9 2	17 53			n.a.
M12	23 30	18 1	3 11	19 17	2 22	23 46	0 14	28 18	4 26	7 42	1 11	4 6	2 19	24 16	0 24	23 4	0 31	18 13	2 2	9 42	9 3	17 52			n.a.
T 13	23 25	15 32	2 1	19 2	2 38	23 53	0 16	28 18	4 26	7 45	1 11	4 7	2 19	24 16	0 24	23 3	0 31	18 13	2 2	9 43	9 4	17 52			n.a.
W14	23 20	12 4	0 45	18 51	2 53	24 0	0 18	28 18	4 26	7 47	1 11	4 8	2 19	24 16	0 24	23 3	0 31	18 14	2 2	9 44	9 6	17 51			n.a.
T 15	23 14	7 57	0s32	18 42	3 7	24 6	0 21	28 18	4 26	7 50	1 11	4 9	2 18	24 16	0 24	23 3	0 31	18 14	2 2	9 44	9 7	17 51			n.a.
F 16	23 8	3 30	1 46	18 36	3 19	24 11	0 23	28 18	4 26	7 52	1 12	4 10	2 18	24 16	0 24	23 3	0 31	18 15	2 2	9 44	9 8	17 50			n.a.
S 17	23 1	1n 0	2 51	18 32	3 30	24 15	0 26	28 17	4 26	7 54	1 12	4 11	2 18	24 16	0 24	23 2	0 31	18 15	2 2	9 44	9 9	17 49			n.a.
S 18	22 54	5 19	3 45	18 31	3 39	24 19	0 28	28 17	4 25	7 57	1 12	4 12	2 17	24 16	0 24	23 2	0 31	18 15	2 2	9 44	9 10	17 49			n.a.
M19	22 47	9 16	4 27	18 32	3 46	24 22	0 30	28 16	4 25	7 59	1 12	4 13	2 17	24 16	0 24	23 2	0 31	18 16	2 2	9 44	9 12	17 48			n.a.
T 20	22 39	12 43	4 54	18 36	3 51	24 24	0 33	28 15	4 24	8 1	1 12	4 15	2 17	24 16	0 24	23 1	0 31	18 16	2 2	9 46	9 13	17 47			n.a.
W21	22 31	15 32	5 7	18 42	3 54	24 26	0 35	28 14	4 24	8 3	1 12	4 16	2 16	24 16	0 24	23 1	0 31	18 16	2 2	9 48	9 14	17 47			n.a.
T 22	22 22	17 37	5 6	18 49	3 55	24 26	0 37	28 13	4 23	8 5	1 12	4 17	2 16	24 16	0 24	23 1	0 31	18 17	2 2	9 51	9 15	17 46			n.a.
F 23	22 13	18 54	4 51	18 59	3 54	24 26	0 39	28 12	4 22	8 7	1 13	4 19	2 16	24 16	0 24	23 0	0 31	18 17	2 2	9 54	9 16	17 45			n.a.
S 24	22 4	19 20	4 23	19 9	3 50	24 26	0 41	28 11	4 21	8 9	1 13	4 20	2 16	24 16	0 24	23 0	0 31	18 18	2 2	9 57	9 18	17 45			n.a.
S 25	21 54	18 54	3 44	19 21	3 45	24 24	0 44	28 9	4 20	8 11	1 13	4 21	2 15	24 16	0 24	23 0	0 31	18 18	2 2	10 0	9 19	17 44			n.a.
M26	21 43	17 38	2 55	19 33	3 38	24 22	0 46	28 8	4 19	8 12	1 13	4 23	2 15	24 16	0 24	22 59	0 31	18 18	2 2	10 2	9 20	17 43			n.a.
T 27	21 33	15 37	1 59	19 46	3 29	24 19	0 48	28 6	4 18	8 14	1 13	4 24	2 15	24 16	0 24	22 59	0 31	18 19	2 2	10 4	9 21	17 43			n.a.
W28	21 21	12 56	0 58	20 0	3 20	24 15	0 50	28 5	4 17	8 16	1 13	4 26	2 14	24 16	0 24	22 59	0 31	18 19	2 2	10 5	9 22	17 42			n.a.
T 29	21 10	9 43	0n 7	20 14	3 9	24 11	0 52	28 3	4 15	8 17	1 13	4 27	2 14	24 16	0 25	22 58	0 31	18 19	2 2	10 5	9 24	17 41			n.a.
F 30	20 58	6 5	1 12	20 28	2 57	24 5	0 53	28 1	4 14	8 19	1 14	4 29	2 14	24 16	0 25	22 58	0 31	18 20	2 2	10 5	9 25	17 41			n.a.
S 31	20s46	2n 9	2n14	20s42	2n45	23s59	0s55	27n59	4n13	8s20	1n14	4n31	2s13	24s16	0s25	22s58	0s31	18s20	2n 1	10n 4	9n26	17n40			n.a.

Julian Day Number = 1193271.5, Delta T = 09h30m00s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'37, Lahiri = -23°54'37 Julian Calendar 1 Jan. 1446 BCE == Greg. Calendar 19 Dec. 1447 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

FEBRUARY 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 51 12	29♉47'32	12♎10	10°R18	15♉36	25°R10	24♎ 5	16♈27	0♉46	19♉16	29♏ 6	4♍25	6♍ 3	29♋12	n.a.	S 1
M 2	7 55 9	0♒47'12	24°52	10♉ 8	16°50	24♊58	24° 9	16°31	0°49	19°18	29° 7	4°R26	6° 0	29°19	n.a.	M 2
T 3	7 59 5	1°46'51	7♏57	10°D 5	18° 5	24°48	24°13	16°35	0°52	19°21	29° 8	4°26	5°57	29°25	n.a.	T 3
W 4	8 3 2	2°46'27	21°28	10° 7	19°19	24°38	24°16	16°39	0°56	19°23	29°10	4°25	5°54	29°32	n.a.	W 4
T 5	8 6 59	3°46'02	5♐27	10°16	20°33	24°29	24°19	16°43	0°59	19°25	29°11	4°22	5°50	29°39	n.a.	T 5
F 6	8 10 55	4°45'35	19°52	10°30	21°48	24°21	24°23	16°47	1° 2	19°27	29°12	4°18	5°47	29°45	n.a.	F 6
S 7	8 14 52	5°45'06	4♉42	10°49	23° 2	24°14	24°25	16°51	1° 5	19°29	29°13	4°14	5°44	29°52	n.a.	S 7
S 8	8 18 48	6°44'35	19°48	11°13	24°16	24° 7	24°28	16°55	1° 8	19°32	29°14	4°10	5°41	29°59	n.a.	S 8
M 9	8 22 45	7°44'02	5♒ 3	11°42	25°31	24° 2	24°31	17° 0	1°11	19°34	29°15	4° 7	5°38	0♌ 5	n.a.	M 9
T 10	8 26 41	8°43'27	20°15	12°16	26°45	23°57	24°33	17° 4	1°14	19°36	29°16	4° 5	5°34	0°12	n.a.	T 10
W11	8 30 38	9°42'49	5♓15	12°53	27°59	23°53	24°36	17° 9	1°16	19°38	29°17	4°D 5	5°31	0°19	n.a.	W11
T 12	8 34 34	10°42'09	19°55	13°35	29°13	23°49	24°38	17°13	1°19	19°40	29°18	4° 5	5°28	0°25	n.a.	T 12
F 13	8 38 31	11°41'27	4♈11	14°20	0♒28	23°47	24°39	17°18	1°22	19°43	29°19	4° 6	5°25	0°32	n.a.	F 13
S 14	8 42 27	12°40'42	17°59	15° 8	1°42	23°45	24°41	17°23	1°25	19°45	29°20	4° 8	5°22	0°39	n.a.	S 14
S 15	8 46 24	13°39'55	1♉22	16° 0	2°56	23°44	24°43	17°28	1°28	19°47	29°20	4° 9	5°19	0°45	n.a.	S 15
M16	8 50 21	14°39'05	14°20	16°55	4°10	23°D44	24°44	17°32	1°31	19°49	29°21	4°R 9	5°15	0°52	n.a.	M16
T 17	8 54 17	15°38'13	26°57	17°53	5°24	23°44	24°45	17°37	1°33	19°51	29°22	4° 9	5°12	0°59	n.a.	T 17
W18	8 58 14	16°37'18	9♊17	18°54	6°39	23°45	24°46	17°43	1°36	19°53	29°23	4° 8	5° 9	1° 5	n.a.	W18
T 19	9 2 10	17°36'21	21°24	19°57	7°53	23°47	24°47	17°48	1°39	19°55	29°23	4° 6	5° 6	1°12	n.a.	T 19
F 20	9 6 7	18°35'21	3♋22	21° 3	9° 7	23°50	24°47	17°53	1°41	19°57	29°24	4° 4	5° 3	1°19	n.a.	F 20
S 21	9 10 3	19°34'19	15°14	22°11	10°21	23°53	24°48	17°58	1°44	19°59	29°25	4° 1	5° 0	1°25	n.a.	S 21
S 22	9 14 0	20°33'15	27° 4	23°21	11°35	23°57	24°48	18° 4	1°47	20° 1	29°26	3°59	4°56	1°32	n.a.	S 22
M23	9 17 56	21°32'09	8♌53	24°34	12°49	24° 2	24°R48	18° 9	1°49	20° 3	29°26	3°58	4°53	1°39	n.a.	M23
T 24	9 21 53	22°31'00	20°44	25°49	14° 3	24° 7	24°48	18°15	1°52	20° 5	29°27	3°57	4°50	1°45	n.a.	T 24
W25	9 25 49	23°29'49	2♍39	27° 5	15°17	24°14	24°47	18°20	1°54	20° 7	29°27	3°D56	4°47	1°52	n.a.	W25
T 26	9 29 46	24°28'36	14°40	28°24	16°32	24°20	24°47	18°26	1°57	20° 9	29°28	3°56	4°44	1°59	n.a.	T 26
F 27	9 33 43	25°27'20	26°50	29°45	17°46	24°28	24°46	18°32	1°59	20°11	29°28	3°57	4°40	2° 5	n.a.	F 27
S 28	9 37 39	26♒26'03	9♎10	1♒ 7	19♒ 0	24♊35	24♎45	18♈38	2♉ 1	20♉13	29♏29	3♍58	4♍37	2♌12	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s33	1s57	3n12	20s56	2n32	23s53	0s57	27n57	4n11	8s22	1n14	4n32	2s13	24s16	0s25	22s58	0s31	18s20	2n 1	10n 4	9n27	17n39			n.a.
M 2	20 20	6 3	4 2	21 10	2 19	23 45	0 59	27 55	4 10	8 23	1 14	4 34	2 13	24 16	0 25	22 57	0 31	18 21	2 1	10 3	9 28	17 39			n.a.
T 3	20 7	9 59	4 41	21 24	2 5	23 37	1 1	27 53	4 8	8 24	1 14	4 36	2 13	24 16	0 25	22 57	0 31	18 21	2 1	10 3	9 29	17 38			n.a.
W 4	19 53	13 32	5 5	21 37	1 52	23 28	1 2	27 51	4 7	8 25	1 14	4 37	2 12	24 16	0 25	22 57	0 31	18 21	2 1	10 4	9 31	17 37			n.a.
T 5	19 39	16 27	5 13	21 50	1 38	23 19	1 4	27 49	4 5	8 26	1 15	4 39	2 12	24 16	0 25	22 56	0 31	18 21	2 1	10 5	9 32	17 37			n.a.
F 6	19 25	18 27	5 2	22 2	1 25	23 8	1 5	27 47	4 3	8 27	1 15	4 41	2 12	24 16	0 25	22 56	0 31	18 22	2 1	10 6	9 33	17 36			n.a.
S 7	19 10	19 16	4 30	22 13	1 12	22 57	1 7	27 45	4 2	8 28	1 15	4 43	2 12	24 16	0 25	22 56	0 31	18 22	2 1	10 8	9 34	17 35			n.a.
S 8	18 55	18 45	3 40	22 24	0 59	22 46	1 8	27 43	4 0	8 29	1 15	4 45	2 11	24 16	0 25	22 55	0 31	18 22	2 1	10 9	9 35	17 34			n.a.
M 9	18 40	16 52	2 33	22 35	0 46	22 33	1 10	27 41	3 58	8 30	1 15	4 47	2 11	24 16	0 25	22 55	0 31	18 22	2 1	10 10	9 37	17 34			n.a.
T 10	18 24	13 48	1 15	22 44	0 33	22 20	1 11	27 39	3 56	8 31	1 15	4 49	2 11	24 16	0 25	22 55	0 31	18 23	2 1	10 11	9 38	17 33			n.a.
W11	18 8	9 51	0s 6	22 52	0 21	22 7	1 12	27 37	3 55	8 32	1 15	4 51	2 10	24 16	0 25	22 54	0 31	18 23	2 1	10 11	9 39	17 32			n.a.
T 12	17 52	5 23	1 26	23 0	0 9	21 52	1 14	27 35	3 53	8 32	1 16	4 53	2 10	24 16	0 25	22 54	0 31	18 23	2 1	10 11	9 40	17 32			n.a.
F 13	17 35	0 44	2 38	23 7	0s 2	21 37	1 15	27 34	3 51	8 33	1 16	4 55	2 10	24 16	0 25	22 54	0 31	18 23	2 1	10 11	9 41	17 31			n.a.
S 14	17 18	3n49	3 39	23 12	0 13	21 22	1 16	27 32	3 49	8 33	1 16	4 57	2 10	24 16	0 25	22 54	0 31	18 24	2 1	10 10	9 43	17 30			n.a.
S 15	17 1	8 0	4 26	23 16	0 24	21 6	1 17	27 30	3 47	8 34	1 16	4 59	2 9	24 16	0 25	22 53	0 31	18 24	2 1	10 10	9 44	17 29			n.a.
M16	16 44	11 41	4 57	23 20	0 34	20 49	1 18	27 28	3 45	8 34	1 16	5 1	2 9	24 16	0 25	22 53	0 31	18 24	2 1	10 9	9 45	17 29			n.a.
T 17	16 26	14 44	5 13	23 22	0 43	20 31	1 19	27 26	3 44	8 34	1 16	5 3	2 9	24 16	0 25	22 53	0 31	18 24	2 1	10 10	9 46	17 28			n.a.
W18	16 8	17 3	5 15	23 22	0 53	20 14	1 20	27 24	3 42	8 34	1 16	5 6	2 9	24 16	0 25	22 52	0 31	18 25	2 1	10 10	9 47	17 27			n.a.
T 19	15 50	18 34	5 2	23 22	1 2	19 55	1 21	27 22	3 40	8 35	1 17	5 8	2 8	24 16	0 25	22 52	0 31	18 25	2 1	10 11	9 48	17 26			n.a.
F 20	15 31	19 13	4 36	23 20	1 10	19 36	1 21	27 21	3 38	8 35	1 17	5 10	2 8	24 16	0 25	22 52	0 31	18 25	2 1	10 12	9 50	17 26			n.a.
S 21	15 13	19 2	3 58	23 17	1 18	19 16	1 22	27 19	3 36	8 35	1 17	5 12	2 8	24 16	0 25	22 52	0 31	18 25	2 1	10 12	9 51	17 25			n.a.
S 22	14 54	18 0	3 10	23 12	1 25	18 56	1 23	27 17	3 34	8 35	1 17	5 15	2 8	24 16	0 25	22 51	0 31	18 25	2 1	10 13	9 52	17 24			n.a.
M23	14 34	16 12	2 15	23 6	1 32	18 35	1 23	27 16	3 32	8 34	1 17	5 17	2 7	24 16	0 25	22 51	0 31	18 25	2 1	10 14	9 53	17 23			n.a.
T 24	14 15	13 41	1 13	22 59	1 39	18 14	1 24	27 14	3 30	8 34	1 17	5 19	2 7	24 16	0 25	22 51	0 31	18 26	2 1	10 14	9 54	17 23			n.a.
W25	13 55	10 36	0 7	22 50	1 45	17 52	1 24	27 12	3 29	8 34	1 17	5 22	2 7	24 16	0 25	22 50	0 31	18 26	2 1	10 14	9 56	17 22			n.a.
T 26	13 36	7 3	0n59	22 39	1 51	17 30	1 24	27 11	3 27	8 34	1 18	5 24	2 7	24 16	0 25	22 50	0 31	18 26	2 0	10 14	9 57	17 21			n.a.
F 27	13 16	3 10	2 4	22 27	1 56	17 7	1 25	27 9	3 25	8 33	1 18	5 27	2 6	24 16	0 25	22 50	0 31	18 26	2 0	10 14	9 58	17 20			n.a.
S 28	12s55	0s54	3n 4	22s13	2s 1	16s44	1s25	27n 8	3n23	8s33	1n18	5n29	2s 6	24s16	0s25	22s50	0s31	18s26	2n 0	10n14	9n59	17n20			n.a.

Julian Day Number = 1193302.5, Delta T = 09h29m58s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'33, Lahiri = -23°54'33 Julian Calendar 1 Feb. 1446 BCE == Greg. Calendar 19 Jan. 1446 BCE

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

MARCH 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 41 36	27♒24'44	21♎44	2♒31	20♒14	24♊44	24°R44	18♈44	2♑ 4	20♑15	29♏29	3♍58	4♍34	2♌19	n.a.	S 1
M 2	9 45 32	28°23'23	4♏32	3°57	21°28	24°53	24♎43	18°50	2° 6	20°17	29°30	3°59	4°31	2°25	n.a.	M 2
T 3	9 49 29	29°22'00	17°40	5°25	22°42	25° 3	24°41	18°56	2° 8	20°19	29°30	3°59	4°28	2°32	n.a.	T 3
W 4	9 53 25	0♓20'35	1♐ 7	6°55	23°56	25°13	24°39	19° 2	2°10	20°21	29°30	3°R59	4°25	2°39	n.a.	W 4
T 5	9 57 22	1°19'09	14°56	8°26	25°10	25°24	24°38	19° 8	2°13	20°23	29°31	3°59	4°21	2°45	n.a.	T 5
F 6	10 1 18	2°17'41	29° 8	9°59	26°24	25°36	24°36	19°14	2°15	20°24	29°31	3°59	4°18	2°52	n.a.	F 6
S 7	10 5 15	3°16'11	13♑39	11°34	27°38	25°48	24°33	19°21	2°17	20°26	29°31	3°59	4°15	2°59	n.a.	S 7
S 8	10 9 11	4°14'40	28°27	13°10	28°52	26° 0	24°31	19°27	2°19	20°28	29°31	3°D59	4°12	3° 5	n.a.	S 8
M 9	10 13 8	5°13'06	13♒25	14°48	0♓ 6	26°13	24°28	19°33	2°21	20°30	29°32	3°59	4° 9	3°12	n.a.	M 9
T 10	10 17 5	6°11'31	28°25	16°27	1°20	26°27	24°26	19°40	2°23	20°31	29°32	3°R59	4° 5	3°19	n.a.	T 10
W11	10 21 1	7° 9'53	13♓19	18° 9	2°34	26°41	24°23	19°46	2°25	20°33	29°32	3°59	4° 2	3°25	n.a.	W11
T 12	10 24 58	8° 8'14	28° 0	19°52	3°48	26°56	24°19	19°53	2°27	20°35	29°32	3°59	3°59	3°32	n.a.	T 12
F 13	10 28 54	9° 6'32	12♈21	21°36	5° 2	27°11	24°16	20° 0	2°29	20°36	29°32	3°59	3°56	3°39	n.a.	F 13
S 14	10 32 51	10° 4'49	26°17	23°22	6°16	27°26	24°13	20° 6	2°30	20°38	29°32	3°58	3°53	3°45	n.a.	S 14
S 15	10 36 47	11° 3'03	9♉47	25°10	7°30	27°42	24° 9	20°13	2°32	20°40	29°R32	3°57	3°50	3°52	n.a.	S 15
M16	10 40 44	12° 1'15	22°51	27° 0	8°44	27°59	24° 5	20°20	2°34	20°41	29°32	3°56	3°46	3°59	n.a.	M16
T 17	10 44 40	12°59'25	5♊33	28°51	9°58	28°16	24° 1	20°27	2°35	20°43	29°32	3°56	3°43	4° 5	n.a.	T 17
W18	10 48 37	13°57'32	17°55	0♓44	11°12	28°33	23°57	20°34	2°37	20°44	29°32	3°D56	3°40	4°12	n.a.	W18
T 19	10 52 33	14°55'38	0♋ 2	2°39	12°26	28°51	23°53	20°40	2°39	20°46	29°32	3°56	3°37	4°19	n.a.	T 19
F 20	10 56 30	15°53'42	11°59	4°35	13°39	29° 9	23°48	20°47	2°40	20°47	29°32	3°57	3°34	4°25	n.a.	F 20
S 21	11 0 27	16°51'43	23°49	6°33	14°53	29°28	23°44	20°55	2°42	20°49	29°31	3°58	3°31	4°32	n.a.	S 21
S 22	11 4 23	17°49'43	5♌37	8°33	16° 7	29°47	23°39	21° 2	2°43	20°50	29°31	4° 0	3°27	4°39	n.a.	S 22
M23	11 8 20	18°47'40	17°28	10°34	17°21	0♋ 6	23°34	21° 9	2°45	20°52	29°31	4° 1	3°24	4°45	n.a.	M23
T 24	11 12 16	19°45'36	29°23	12°36	18°35	0°26	23°29	21°16	2°46	20°53	29°31	4°R 1	3°21	4°52	n.a.	T 24
W25	11 16 13	20°43'30	11♍26	14°41	19°49	0°46	23°24	21°23	2°47	20°55	29°30	4° 1	3°18	4°59	n.a.	W25
T 26	11 20 9	21°41'22	23°40	16°46	21° 3	1° 7	23°18	21°30	2°49	20°56	29°30	4° 0	3°15	5° 5	n.a.	T 26
F 27	11 24 6	22°39'12	6♎ 5	18°53	22°16	1°28	23°13	21°38	2°50	20°57	29°30	3°58	3°11	5°12	n.a.	F 27
S 28	11 28 2	23°37'01	18°42	21° 1	23°30	1°49	23° 7	21°45	2°51	20°58	29°29	3°56	3° 8	5°19	n.a.	S 28
S 29	11 31 59	24°34'48	1♏33	23° 9	24°44	2°11	23° 1	21°52	2°52	21° 0	29°29	3°53	3° 5	5°25	n.a.	S 29
M30	11 35 56	25°32'33	14°38	25°19	25°58	2°33	22°56	22° 0	2°53	21° 1	29°29	3°50	3° 2	5°32	n.a.	M30
T 31	11 39 52	26♓30'18	27♏57	27♓29	27♓12	2♋55	22♎50	22♈ 7	2♑54	21♑ 2	29♏28	3♍47	2♍59	5♌39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	12s35	4s59	3n56	21s58	2s 5	16s20	1s25	27n 6	3n21	8s32	1n18	5n32	2s 6	24s16	0s25	22s49	0s31	18s26	2n 0	10n13	10n 0	17n19			n.a.
M 2	12 14	8 55	4 37	21 41	2 8	15 56	1 25	27 5	3 19	8 32	1 18	5 34	2 6	24 16	0 25	22 49	0 31	18 26	2 0	10 13	10 1	17 18			n.a.
T 3	11 54	12 31	5 5	21 22	2 12	15 32	1 25	27 3	3 17	8 31	1 18	5 37	2 6	24 16	0 25	22 49	0 31	18 27	2 0	10 13	10 3	17 17			n.a.
W 4	11 33	15 34	5 17	21 2	2 14	15 7	1 25	27 2	3 15	8 30	1 18	5 39	2 5	24 16	0 25	22 49	0 31	18 27	2 0	10 13	10 4	17 16			n.a.
T 5	11 12	17 50	5 12	20 40	2 17	14 42	1 25	27 0	3 14	8 29	1 19	5 42	2 5	24 16	0 25	22 48	0 31	18 27	2 0	10 13	10 5	17 16			n.a.
F 6	10 50	19 4	4 48	20 16	2 18	14 16	1 25	26 59	3 12	8 29	1 19	5 44	2 5	24 16	0 25	22 48	0 31	18 27	2 0	10 13	10 6	17 15			n.a.
S 7	10 29	19 5	4 5	19 51	2 19	13 50	1 25	26 58	3 10	8 28	1 19	5 47	2 5	24 16	0 25	22 48	0 32	18 27	2 0	10 13	10 7	17 14			n.a.
S 8	10 7	17 49	3 5	19 24	2 20	13 24	1 25	26 56	3 8	8 27	1 19	5 50	2 4	24 16	0 25	22 48	0 32	18 27	2 0	10 13	10 9	17 13			n.a.
M 9	9 46	15 18	1 52	18 55	2 20	12 57	1 24	26 55	3 6	8 26	1 19	5 52	2 4	24 16	0 25	22 47	0 32	18 27	2 0	10 13	10 10	17 12			n.a.
T 10	9 24	11 45	0 31	18 24	2 20	12 30	1 24	26 53	3 5	8 24	1 19	5 55	2 4	24 16	0 25	22 47	0 32	18 27	2 0	10 13	10 11	17 12			n.a.
W11	9 2	7 28	0s52	17 52	2 19	12 2	1 24	26 52	3 3	8 23	1 19	5 58	2 4	24 16	0 25	22 47	0 32	18 27	2 0	10 13	10 12	17 11			n.a.
T 12	8 40	2 47	2 10	17 17	2 18	11 34	1 23	26 51	3 1	8 22	1 19	6 0	2 4	24 16	0 25	22 47	0 32	18 27	2 0	10 13	10 13	17 10			n.a.
F 13	8 18	1n56	3 17	16 41	2 16	11 6	1 22	26 49	2 59	8 21	1 19	6 3	2 4	24 16	0 25	22 46	0 32	18 27	2 0	10 13	10 14	17 9			n.a.
S 14	7 55	6 25	4 12	16 3	2 13	10 38	1 22	26 48	2 58	8 19	1 20	6 6	2 3	24 16	0 25	22 46	0 32	18 27	2 0	10 14	10 16	17 8			n.a.
S 15	7 33	10 25	4 50	15 24	2 10	10 9	1 21	26 46	2 56	8 18	1 20	6 8	2 3	24 16	0 25	22 46	0 32	18 27	2 0	10 14	10 17	17 8			n.a.
M16	7 10	13 47	5 12	14 42	2 6	9 41	1 20	26 45	2 54	8 16	1 20	6 11	2 3	24 16	0 26	22 46	0 32	18 27	2 0	10 14	10 18	17 7			n.a.
T 17	6 48	16 24	5 17	13 59	2 2	9 11	1 20	26 43	2 52	8 15	1 20	6 14	2 3	24 16	0 26	22 45	0 32	18 27	2 0	10 14	10 19	17 6			n.a.
W18	6 25	18 11	5 8	13 14	1 58	8 42	1 19	26 42	2 51	8 13	1 20	6 17	2 3	24 16	0 26	22 45	0 32	18 28	2 0	10 14	10 20	17 5			n.a.
T 19	6 2	19 7	4 45	12 27	1 52	8 13	1 18	26 41	2 49	8 11	1 20	6 20	2 2	24 16	0 26	22 45	0 32	18 28	2 0	10 14	10 21	17 4			n.a.
F 20	5 39	19 9	4 10	11 39	1 47	7 43	1 17	26 39	2 47	8 10	1 20	6 22	2 2	24 16	0 26	22 45	0 32	18 28	2 0	10 14	10 23	17 3			n.a.
S 21	5 17	18 21	3 25	10 49	1 40	7 13	1 16	26 37	2 46	8 8	1 20	6 25	2 2	24 16	0 26	22 45	0 32	18 28	2 0	10 14	10 24	17 3			n.a.
S 22	4 54	16 46	2 31	9 57	1 33	6 43	1 15	26 36	2 44	8 6	1 20	6 28	2 2	24 16	0 26	22 44	0 32	18 28	2 0	10 13	10 25	17 2			n.a.
M23	4 31	14 26	1 31	9 4	1 26	6 12	1 13	26 34	2 42	8 4	1 20	6 31	2 2	24 16	0 26	22 44	0 32	18 28	2 0	10 13	10 26	17 1			n.a.
T 24	4 7	11 29	0 26	8 9	1 18	5 42	1 12	26 33	2 41	8 2	1 20	6 34	2 2	24 16	0 26	22 44	0 32	18 28	2 0	10 12	10 27	17 0			n.a.
W25	3 44	8 2	0n41	7 13	1 10	5 11	1 11	26 31	2 39	8 0	1 20	6 37	2 1	24 16	0 26	22 44	0 32	18 27	1 59	10 12	10 28	16 59			n.a.
T 26	3 21	4 11	1 47	6 15	1 1	4 41	1 10	26 29	2 38	7 58	1 20	6 40	2 1	24 16	0 26	22 44	0 32	18 27	1 59	10 13	10 30	16 58			n.a.
F 27	2 58	0 7	2 48	5 16	0 52	4 10	1 8	26 27	2 36	7 56	1 21	6 42	2 1	24 16	0 26	22 43	0 32	18 27	1 59	10 13	10 31	16 57			n.a.
S 28	2 35	4s 2	3 42	4 16	0 42	3 39	1 7	26 26	2 35	7 54	1 21	6 45	2 1	24 16	0 26	22 43	0 32	18 27	1 59	10 14	10 32	16 57			n.a.
S 29	2 11	8 4	4 26	3 16	0 33	3 8	1 5	26 24	2 33	7 52	1 21	6 48	2 1	24 16	0 26	22 43	0 32	18 27	1 59	10 16	10 33	16 56			n.a.
M30	1 48	11 47	4 57	2 14	0 22	2 36	1 4	26 22	2 31	7 49	1 21	6 51	2 1	24 16	0 26	22 43	0 32	18 27	1 59	10 17	10 34	16 55			n.a.
T 31	1s25	14s58	5n13	1s12	0s12	2s 5	1s 2	26n20	2n30	7s47	1n21	6n54	2s 1	24s16	0s26	22s43	0s32	18s27	1n59	10n18	10n35	16n54			n.a.

Julian Day Number = 1193330.5, Delta T = 09h29m56s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'29, Lahiri = -23°54'29 Julian Calendar 1 March 1446 BCE == Greg. Calendar 16 Feb. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

APRIL 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 43 49	27♓28'01	11♐31	29♓39	28♓25	3♋18	22°R43	22♈14	2♑55	21♑ 3	29°R28	3°R45	2♍56	5♌45	n.a.	W 1
T 2	11 47 45	28°25'43	25°19	1♈49	29°39	3°41	22♎37	22°22	2°56	21° 4	29♏27	3°D44	2°52	5°52	n.a.	T 2
F 3	11 51 42	29°23'24	9♑22	4° 0	0♈53	4° 4	22°31	22°29	2°57	21° 6	29°27	3♍45	2°49	5°59	n.a.	F 3
S 4	11 55 38	0♈21'03	23°37	6° 9	2° 7	4°27	22°24	22°37	2°58	21° 7	29°26	3°46	2°46	6° 5	n.a.	S 4
S 5	11 59 35	1°18'42	8♒ 4	8°18	3°20	4°51	22°18	22°45	2°59	21° 8	29°25	3°47	2°43	6°12	n.a.	S 5
M 6	12 3 31	2°16'19	22°38	10°25	4°34	5°15	22°11	22°52	2°59	21° 9	29°25	3°48	2°40	6°19	n.a.	M 6
T 7	12 7 28	3°13'55	7♓15	12°32	5°48	5°40	22° 4	23° 0	3° 0	21°10	29°24	3°R49	2°37	6°25	n.a.	T 7
W 8	12 11 24	4°11'29	21°50	14°36	7° 2	6° 5	21°57	23° 7	3° 1	21°11	29°24	3°48	2°33	6°32	n.a.	W 8
T 9	12 15 21	5° 9'03	6♈16	16°39	8°15	6°30	21°51	23°15	3° 1	21°12	29°23	3°45	2°30	6°39	n.a.	T 9
F 10	12 19 18	6° 6'35	20°28	18°40	9°29	6°55	21°43	23°23	3° 2	21°13	29°22	3°41	2°27	6°45	n.a.	F 10
S 11	12 23 14	7° 4'05	4♉20	20°38	10°43	7°20	21°36	23°31	3° 3	21°13	29°21	3°36	2°24	6°52	n.a.	S 11
S 12	12 27 11	8° 1'34	17°50	22°34	11°57	7°46	21°29	23°38	3° 3	21°14	29°21	3°31	2°21	6°59	n.a.	S 12
M13	12 31 7	8°59'02	0♊56	24°28	13°10	8°12	21°22	23°46	3° 3	21°15	29°20	3°26	2°17	7° 5	n.a.	M13
T 14	12 35 4	9°56'29	13°40	26°19	14°24	8°39	21°15	23°54	3° 4	21°16	29°19	3°22	2°14	7°12	n.a.	T 14
W15	12 39 0	10°53'54	26° 5	28° 7	15°38	9° 5	21° 7	24° 2	3° 4	21°17	29°18	3°19	2°11	7°19	n.a.	W15
T 16	12 42 57	11°51'17	8♋13	29°52	16°51	9°32	21° 0	24°10	3° 4	21°17	29°17	3°D18	2° 8	7°25	n.a.	T 16
F 17	12 46 53	12°48'40	20°10	1♉35	18° 5	9°59	20°52	24°17	3° 5	21°18	29°16	3°18	2° 5	7°32	n.a.	F 17
S 18	12 50 50	13°46'00	2♌ 0	3°14	19°19	10°27	20°45	24°25	3° 5	21°19	29°15	3°19	2° 2	7°39	n.a.	S 18
S 19	12 54 47	14°43'20	13°49	4°51	20°32	10°54	20°37	24°33	3° 5	21°19	29°15	3°21	1°58	7°45	n.a.	S 19
M20	12 58 43	15°40'38	25°42	6°25	21°46	11°22	20°30	24°41	3° 5	21°20	29°14	3°22	1°55	7°52	n.a.	M20
T 21	13 2 40	16°37'55	7♍42	7°55	23° 0	11°50	20°22	24°49	3°R 5	21°20	29°13	3°R22	1°52	7°59	n.a.	T 21
W22	13 6 36	17°35'11	19°54	9°23	24°13	12°18	20°15	24°57	3° 5	21°21	29°12	3°21	1°49	8° 5	n.a.	W22
T 23	13 10 33	18°32'26	2♎20	10°47	25°27	12°46	20° 7	25° 5	3° 5	21°21	29°11	3°17	1°46	8°12	n.a.	T 23
F 24	13 14 29	19°29'40	15° 1	12° 8	26°41	13°15	19°59	25°12	3° 5	21°22	29°10	3°12	1°42	8°18	n.a.	F 24
S 25	13 18 26	20°26'52	27°59	13°26	27°54	13°44	19°52	25°20	3° 4	21°22	29° 8	3° 5	1°39	8°25	n.a.	S 25
S 26	13 22 22	21°24'05	11♏13	14°41	29° 8	14°13	19°44	25°28	3° 4	21°23	29° 7	2°57	1°36	8°32	n.a.	S 26
M27	13 26 19	22°21'16	24°41	15°53	0♉21	14°42	19°36	25°36	3° 4	21°23	29° 6	2°49	1°33	8°38	n.a.	M27
T 28	13 30 16	23°18'27	8♐21	17° 1	1°35	15°12	19°29	25°44	3° 4	21°23	29° 5	2°42	1°30	8°45	n.a.	T 28
W29	13 34 12	24°15'37	22°12	18° 6	2°49	15°41	19°21	25°52	3° 3	21°24	29° 4	2°36	1°27	8°52	n.a.	W29
T 30	13 38 9	25♈12'47	6♑10	19♉ 7	4♉ 2	16♋11	19♎14	26♈ 0	3♑ 3	21♑24	29♏ 3	2♍33	1♍23	8♌58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1s 1	17s25	5n12	0s10	0s 1	1s34	1s 1	26n18	2n28	7s45	1n21	6n57	2s 0	24s16	0s26	22s43	0s32	18s27	1n59	10n18	10n37	16n53		n.a.
T 2	0 38	18 54	4 53	0n53	0n 9	1 2	0 59	26 15	2 27	7 42	1 21	7 0	2 0	24 16	0 26	22 43	0 32	18 27	1 59	10 19	10 38	16 52		n.a.
F 3	0 15	19 16	4 16	1 55	0 20	0 31	0 57	26 13	2 25	7 40	1 21	7 3	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 19	10 39	16 51		n.a.
S 4	0n 9	18 25	3 23	2 57	0 30	0n 0	0 56	26 11	2 24	7 37	1 21	7 6	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 18	10 40	16 50		n.a.
S 5	0 32	16 22	2 17	3 58	0 41	0 32	0 54	26 9	2 22	7 35	1 21	7 9	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 18	10 41	16 50		n.a.
M 6	0 55	13 15	1 1	4 59	0 51	1 3	0 52	26 6	2 21	7 32	1 21	7 12	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 17	10 42	16 49		n.a.
T 7	1 18	9 17	0s19	5 58	1 1	1 35	0 50	26 4	2 20	7 30	1 21	7 15	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 17	10 44	16 48		n.a.
W 8	1 42	4 47	1 37	6 56	1 11	2 6	0 48	26 1	2 18	7 27	1 21	7 18	2 0	24 16	0 26	22 42	0 32	18 27	1 59	10 17	10 45	16 47		n.a.
T 9	2 5	0 2	2 48	7 53	1 20	2 37	0 46	25 59	2 17	7 25	1 21	7 21	1 59	24 16	0 26	22 42	0 32	18 26	1 59	10 18	10 46	16 46		n.a.
F 10	2 28	4n37	3 48	8 48	1 29	3 9	0 44	25 56	2 15	7 22	1 21	7 24	1 59	24 16	0 26	22 41	0 32	18 26	1 59	10 20	10 47	16 45		n.a.
S 11	2 51	8 55	4 32	9 42	1 37	3 40	0 42	25 53	2 14	7 19	1 21	7 27	1 59	24 16	0 26	22 41	0 32	18 26	1 59	10 22	10 48	16 44		n.a.
S 12	3 14	12 39	5 0	10 33	1 45	4 11	0 40	25 50	2 12	7 17	1 21	7 30	1 59	24 16	0 26	22 41	0 33	18 26	1 59	10 24	10 49	16 43		n.a.
M13	3 37	15 38	5 12	11 23	1 52	4 42	0 38	25 47	2 11	7 14	1 21	7 33	1 59	24 16	0 26	22 41	0 33	18 26	1 59	10 25	10 51	16 42		n.a.
T 14	4 0	17 46	5 7	12 10	1 59	5 13	0 36	25 44	2 10	7 11	1 21	7 36	1 59	24 16	0 26	22 41	0 33	18 26	1 59	10 27	10 52	16 41		n.a.
W15	4 23	19 1	4 48	12 55	2 5	5 44	0 34	25 41	2 8	7 8	1 21	7 39	1 59	24 16	0 26	22 41	0 33	18 26	1 59	10 28	10 53	16 40		n.a.
T 16	4 46	19 21	4 16	13 38	2 10	6 15	0 32	25 37	2 7	7 6	1 20	7 42	1 59	24 16	0 26	22 41	0 33	18 26	1 58	10 28	10 54	16 39		n.a.
F 17	5 9	18 48	3 34	14 19	2 14	6 46	0 30	25 34	2 6	7 3	1 20	7 45	1 59	24 16	0 26	22 41	0 33	18 25	1 58	10 28	10 55	16 39		n.a.
S 18	5 31	17 26	2 42	14 58	2 18	7 16	0 27	25 31	2 4	7 0	1 20	7 48	1 59	24 16	0 26	22 41	0 33	18 25	1 58	10 28	10 56	16 38		n.a.
S 19	5 54	15 18	1 44	15 34	2 21	7 46	0 25	25 27	2 3	6 57	1 20	7 51	1 58	24 16	0 26	22 41	0 33	18 25	1 58	10 27	10 57	16 37		n.a.
M20	6 17	12 32	0 42	16 8	2 23	8 17	0 23	25 23	2 2	6 54	1 20	7 54	1 58	24 16	0 27	22 41	0 33	18 25	1 58	10 27	10 59	16 36		n.a.
T 21	6 39	9 12	0n24	16 40	2 25	8 47	0 21	25 19	2 0	6 52	1 20	7 57	1 58	24 16	0 27	22 41	0 33	18 25	1 58	10 27	11 0	16 35		n.a.
W22	7 1	5 25	1 28	17 10	2 25	9 16	0 18	25 15	1 59	6 49	1 20	8 0	1 58	24 16	0 27	22 40	0 33	18 25	1 58	10 27	11 1	16 34		n.a.
T 23	7 23	1 21	2 30	17 37	2 25	9 46	0 16	25 11	1 58	6 46	1 20	8 3	1 58	24 16	0 27	22 40	0 33	18 25	1 58	10 29	11 2	16 33		n.a.
F 24	7 46	2s52	3 26	18 2	2 24	10 15	0 14	25 7	1 57	6 43	1 20	8 6	1 58	24 16	0 27	22 40	0 33	18 24	1 58	10 31	11 3	16 32		n.a.
S 25	8 7	7 2	4 12	18 25	2 23	10 44	0 11	25 3	1 55	6 40	1 20	8 9	1 58	24 16	0 27	22 40	0 33	18 24	1 58	10 33	11 4	16 31		n.a.
S 26	8 29	10 56	4 46	18 45	2 20	11 13	0 9	24 59	1 54	6 38	1 20	8 12	1 58	24 16	0 27	22 40	0 33	18 24	1 58	10 36	11 6	16 30		n.a.
M27	8 51	14 22	5 4	19 4	2 17	11 42	0 7	24 54	1 53	6 35	1 20	8 15	1 58	24 16	0 27	22 40	0 33	18 24	1 58	10 39	11 7	16 29		n.a.
T 28	9 13	17 3	5 6	19 20	2 13	12 10	0 4	24 49	1 51	6 32	1 19	8 18	1 58	24 16	0 27	22 40	0 33	18 24	1 58	10 42	11 8	16 28		n.a.
W29	9 34	18 49	4 50	19 34	2 8	12 38	0 2	24 45	1 50	6 29	1 19	8 21	1 58	24 16	0 27	22 40	0 33	18 23	1 58	10 44	11 9	16 27		n.a.
T 30	9n55	19s27	4n16	19n47	2n 3	13n 6	0n 1	24n40	1n49	6s26	1n19	8n24	1s58	24s16	0s27	22s40	0s33	18s23	1n58	10n45	11n10	16n26		n.a.

Julian Day Number = 1193361.5, Delta T = 09h29m55s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'25, Lahiri = -23°54'25 Julian Calendar 1 Apr. 1446 BCE == Greg. Calendar 19 March 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

MAY 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 42 5	26♈ 9'57	20♉14	20♉ 5	5♉16	16♋41	19°R 6	26♈ 8	3°R 2	21♉24	29°R 2	2°D31	1♍20	9♌ 5	n.a.	F 1
S 2	13 46 2	27° 7'06	4♒22	20°59	6°29	17°11	18♎59	26°16	3♉ 2	21°24	29♏ 0	2♍31	1°17	9°12	n.a.	S 2
S 3	13 49 58	28° 4'15	18°34	21°50	7°43	17°42	18°51	26°24	3° 1	21°25	28°59	2°32	1°14	9°18	n.a.	S 3
M 4	13 53 55	29° 1'23	2♓47	22°37	8°56	18°12	18°44	26°32	3° 1	21°25	28°58	2°R33	1°11	9°25	n.a.	M 4
T 5	13 57 51	29°58'32	16°59	23°20	10°10	18°43	18°36	26°40	3° 0	21°25	28°57	2°32	1° 8	9°32	n.a.	T 5
W 6	14 1 48	0♉55'39	1♈ 9	23°59	11°24	19°14	18°29	26°48	2°59	21°25	28°56	2°29	1° 4	9°38	n.a.	W 6
T 7	14 5 45	1°52'47	15°11	24°34	12°37	19°45	18°22	26°56	2°59	21°25	28°54	2°23	1° 1	9°45	n.a.	T 7
F 8	14 9 41	2°49'54	29° 3	25° 4	13°51	20°16	18°14	27° 4	2°58	21°R25	28°53	2°15	0°58	9°52	n.a.	F 8
S 9	14 13 38	3°47'01	12♉40	25°31	15° 4	20°48	18° 7	27°11	2°57	21°25	28°52	2° 6	0°55	9°58	n.a.	S 9
S 10	14 17 34	4°44'08	25°59	25°53	16°18	21°19	18° 0	27°19	2°56	21°25	28°50	1°55	0°52	10° 5	n.a.	S 10
M11	14 21 31	5°41'14	8♊59	26°11	17°31	21°51	17°53	27°27	2°55	21°25	28°49	1°45	0°48	10°12	n.a.	M11
T 12	14 25 27	6°38'19	21°40	26°24	18°45	22°23	17°46	27°35	2°54	21°25	28°48	1°36	0°45	10°18	n.a.	T 12
W13	14 29 24	7°35'24	4♋ 2	26°32	19°58	22°55	17°39	27°43	2°53	21°24	28°46	1°30	0°42	10°25	n.a.	W13
T 14	14 33 21	8°32'29	16°10	26°R36	21°12	23°27	17°33	27°51	2°52	21°24	28°45	1°25	0°39	10°32	n.a.	T 14
F 15	14 37 17	9°29'33	28° 6	26°36	22°26	24° 0	17°26	27°59	2°51	21°24	28°44	1°23	0°36	10°38	n.a.	F 15
S 16	14 41 14	10°26'37	9♌57	26°31	23°39	24°32	17°20	28° 7	2°50	21°24	28°42	1°D22	0°33	10°45	n.a.	S 16
S 17	14 45 10	11°23'40	21°46	26°21	24°53	25° 5	17°13	28°14	2°49	21°24	28°41	1°22	0°29	10°52	n.a.	S 17
M18	14 49 7	12°20'43	3♍40	26° 8	26° 6	25°38	17° 7	28°22	2°48	21°23	28°39	1°R22	0°26	10°58	n.a.	M18
T 19	14 53 3	13°17'46	15°43	25°50	27°20	26°11	17° 1	28°30	2°46	21°23	28°38	1°22	0°23	11° 5	n.a.	T 19
W20	14 57 0	14°14'48	28° 0	25°28	28°33	26°44	16°55	28°38	2°45	21°23	28°37	1°19	0°20	11°12	n.a.	W20
T 21	15 0 56	15°11'50	10♎36	25° 2	29°46	27°17	16°49	28°45	2°44	21°22	28°35	1°14	0°17	11°18	n.a.	T 21
F 22	15 4 53	16° 8'52	23°31	24°34	1♊ 0	27°50	16°43	28°53	2°42	21°22	28°34	1° 6	0°13	11°25	n.a.	F 22
S 23	15 8 50	17° 5'54	6♏48	24° 2	2°13	28°24	16°37	29° 1	2°41	21°21	28°32	0°56	0°10	11°31	n.a.	S 23
S 24	15 12 46	18° 2'57	20°25	23°29	3°27	28°58	16°32	29° 8	2°40	21°21	28°31	0°45	0° 7	11°38	n.a.	S 24
M25	15 16 43	18°59'59	4♐18	22°53	4°40	29°31	16°26	29°16	2°38	21°20	28°29	0°33	0° 4	11°45	n.a.	M25
T 26	15 20 39	19°57'01	18°24	22°16	5°54	0♌ 5	16°21	29°24	2°37	21°20	28°28	0°23	0° 1	11°51	n.a.	T 26
W27	15 24 36	20°54'04	2♑38	21°39	7° 7	0°39	16°16	29°31	2°35	21°19	28°26	0°15	29♌58	11°58	n.a.	W27
T 28	15 28 32	21°51'08	16°55	21° 2	8°21	1°14	16°11	29°39	2°33	21°18	28°25	0° 9	29°54	12° 5	n.a.	T 28
F 29	15 32 29	22°48'12	1♒11	20°26	9°34	1°48	16° 6	29°46	2°32	21°18	28°23	0° 5	29°51	12°11	n.a.	F 29
S 30	15 36 26	23°45'16	15°23	19°50	10°48	2°22	16° 1	29°54	2°30	21°17	28°22	0° 4	29°48	12°18	n.a.	S 30
S 31	15 40 22	24♉42'21	29♒30	19♉17	12♊ 1	2♌57	15♎56	0♉ 1	2♑28	21♑16	28♏20	0♍ 4	29♌45	12♌25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n17	18s54	3n27	19n57	1n56	13n33	0n 3	24n35	1n48	6s24	1n19	8n27	1s58	24s16	0s27	22s40	0s33	18s23	1n58	10n46	11n11	16n25		n.a.
S 2	10 38	17 9	2 25	20 5	1 49	14 0	0 5	24 30	1 47	6 21	1 19	8 29	1 58	24 17	0 27	22 40	0 33	18 23	1 57	10 46	11 12	16 24		n.a.
S 3	10 58	14 21	1 14	20 10	1 41	14 27	0 8	24 25	1 45	6 18	1 19	8 32	1 58	24 17	0 27	22 40	0 33	18 23	1 57	10 45	11 14	16 23		n.a.
M 4	11 19	10 41	0s 1	20 14	1 33	14 54	0 10	24 19	1 44	6 15	1 19	8 35	1 57	24 17	0 27	22 40	0 33	18 22	1 57	10 45	11 15	16 22		n.a.
T 5	11 40	6 24	1 17	20 16	1 23	15 20	0 13	24 14	1 43	6 13	1 18	8 38	1 57	24 17	0 27	22 40	0 33	18 22	1 57	10 45	11 16	16 21		n.a.
W 6	12 0	1 47	2 27	20 17	1 13	15 45	0 15	24 8	1 42	6 10	1 18	8 41	1 57	24 17	0 27	22 40	0 33	18 22	1 57	10 46	11 17	16 20		n.a.
T 7	12 20	2n54	3 28	20 15	1 2	16 11	0 18	24 2	1 41	6 7	1 18	8 44	1 57	24 17	0 27	22 40	0 33	18 22	1 57	10 48	11 18	16 19		n.a.
F 8	12 40	7 22	4 15	20 11	0 50	16 35	0 20	23 56	1 39	6 5	1 18	8 47	1 57	24 17	0 27	22 40	0 33	18 22	1 57	10 51	11 19	16 18		n.a.
S 9	13 0	11 22	4 47	20 6	0 38	17 0	0 22	23 50	1 38	6 2	1 18	8 50	1 57	24 17	0 27	22 40	0 33	18 21	1 57	10 55	11 21	16 17		n.a.
S 10	13 20	14 42	5 2	19 58	0 25	17 24	0 25	23 44	1 37	6 0	1 18	8 53	1 57	24 17	0 27	22 40	0 33	18 21	1 57	10 59	11 22	16 16		n.a.
M11	13 39	17 13	5 2	19 49	0 11	17 47	0 27	23 38	1 36	5 57	1 17	8 56	1 57	24 17	0 27	22 40	0 33	18 21	1 57	11 2	11 23	16 15		n.a.
T 12	13 58	18 51	4 46	19 39	0s 3	18 11	0 29	23 31	1 35	5 54	1 17	8 59	1 57	24 17	0 27	22 41	0 33	18 21	1 57	11 5	11 24	16 14		n.a.
W13	14 17	19 31	4 17	19 26	0 18	18 33	0 32	23 25	1 34	5 52	1 17	9 2	1 57	24 17	0 27	22 41	0 33	18 21	1 57	11 8	11 25	16 13		n.a.
T 14	14 36	19 17	3 37	19 12	0 33	18 55	0 34	23 18	1 32	5 50	1 17	9 4	1 57	24 17	0 27	22 41	0 34	18 20	1 57	11 10	11 26	16 12		n.a.
F 15	14 55	18 10	2 48	18 57	0 49	19 17	0 36	23 11	1 31	5 47	1 17	9 7	1 57	24 17	0 27	22 41	0 34	18 20	1 57	11 10	11 27	16 11		n.a.
S 16	15 13	16 17	1 52	18 40	1 5	19 38	0 39	23 4	1 30	5 45	1 16	9 10	1 57	24 17	0 27	22 41	0 34	18 20	1 56	11 11	11 29	16 10		n.a.
S 17	15 31	13 42	0 51	18 22	1 21	19 59	0 41	22 57	1 29	5 43	1 16	9 13	1 57	24 17	0 27	22 41	0 34	18 20	1 56	11 11	11 30	16 9		n.a.
M18	15 49	10 32	0n12	18 3	1 37	20 19	0 43	22 50	1 28	5 40	1 16	9 16	1 57	24 17	0 27	22 41	0 34	18 19	1 56	11 11	11 31	16 8		n.a.
T 19	16 6	6 53	1 16	17 43	1 53	20 39	0 45	22 43	1 27	5 38	1 16	9 19	1 57	24 17	0 27	22 41	0 34	18 19	1 56	11 11	11 32	16 7		n.a.
W20	16 24	2 53	2 17	17 23	2 9	20 58	0 47	22 35	1 26	5 36	1 15	9 21	1 57	24 17	0 27	22 41	0 34	18 19	1 56	11 12	11 33	16 6		n.a.
T 21	16 41	1s19	3 12	17 1	2 25	21 16	0 50	22 27	1 25	5 34	1 15	9 24	1 57	24 17	0 27	22 41	0 34	18 19	1 56	11 14	11 34	16 5		n.a.
F 22	16 58	5 35	4 0	16 39	2 40	21 34	0 52	22 19	1 24	5 32	1 15	9 27	1 57	24 17	0 27	22 41	0 34	18 18	1 56	11 17	11 35	16 4		n.a.
S 23	17 14	9 42	4 35	16 17	2 55	21 51	0 54	22 12	1 23	5 30	1 15	9 30	1 57	24 18	0 27	22 41	0 34	18 18	1 56	11 20	11 37	16 3		n.a.
S 24	17 31	13 24	4 56	15 56	3 9	22 8	0 56	22 3	1 21	5 28	1 14	9 32	1 57	24 18	0 27	22 41	0 34	18 18	1 56	11 24	11 38	16 2		n.a.
M25	17 47	16 27	5 1	15 34	3 22	22 24	0 58	21 55	1 20	5 26	1 14	9 35	1 57	24 18	0 27	22 42	0 34	18 18	1 56	11 28	11 39	16 1		n.a.
T 26	18 2	18 35	4 47	15 13	3 34	22 39	1 0	21 47	1 19	5 24	1 14	9 38	1 57	24 18	0 28	22 42	0 34	18 18	1 56	11 32	11 40	16 0		n.a.
W27	18 18	19 35	4 15	14 53	3 45	22 54	1 2	21 38	1 18	5 22	1 14	9 41	1 57	24 18	0 28	22 42	0 34	18 17	1 55	11 35	11 41	15 59		n.a.
T 28	18 33	19 21	3 27	14 34	3 54	23 8	1 4	21 30	1 17	5 21	1 13	9 43	1 57	24 18	0 28	22 42	0 34	18 17	1 55	11 37	11 42	15 58		n.a.
F 29	18 48	17 52	2 27	14 16	4 3	23 21	1 6	21 21	1 16	5 19	1 13	9 46	1 57	24 18	0 28	22 42	0 34	18 17	1 55	11 38	11 43	15 56		n.a.
S 30	19 3	15 17	1 17	14 0	4 10	23 34	1 7	21 12	1 15	5 17	1 13	9 49	1 57	24 18	0 28	22 42	0 34	18 17	1 55	11 39	11 44	15 55		n.a.
S 31	19n17	11s48	0n 3	13n46	4s15	23n46	1n 9	21n 3	1n14	5s16	1n13	9n51	1s57	24s18	0s28	22s42	0s34	18s16	1n55	11n39	11n46	15n54		n.a.

Julian Day Number = 1193391.5, Delta T = 09h29m53s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'21, Lahiri = -23°54'20 Julian Calendar 1 May 1446 BCE == Greg. Calendar 18 Apr. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

JUNE 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 44 19	25♉39'27	13♓31	18°R47	13♊14	3♌32	15°R52	0♉ 9	2°R27	21°R16	28°R19	0°R 4	29♌42	12♌31	n.a.	M 1
T 2	15 48 15	26°36'34	27°25	18♉19	14°28	4° 6	15♎48	0°16	2♑25	21♑15	28♏17	0♍ 2	29°39	12°38	n.a.	T 2
W 3	15 52 12	27°33'41	11♈12	17°55	15°41	4°41	15°44	0°24	2°23	21°14	28°16	29♌58	29°35	12°45	n.a.	W 3
T 4	15 56 8	28°30'49	24°50	17°36	16°55	5°16	15°40	0°31	2°21	21°13	28°15	29°51	29°32	12°51	n.a.	T 4
F 5	16 0 5	29°27'57	8♉17	17°20	18° 8	5°52	15°36	0°38	2°19	21°12	28°13	29°41	29°29	12°58	n.a.	F 5
S 6	16 4 1	0♊25'06	21°33	17°10	19°21	6°27	15°32	0°46	2°17	21°12	28°12	29°30	29°26	13° 5	n.a.	S 6
S 7	16 7 58	1°22'16	4♊34	17° 4	20°35	7° 2	15°29	0°53	2°16	21°11	28°10	29°17	29°23	13°11	n.a.	S 7
M 8	16 11 55	2°19'27	17°21	17°D 4	21°48	7°38	15°26	1° 0	2°14	21°10	28° 9	29° 4	29°19	13°18	n.a.	M 8
T 9	16 15 51	3°16'38	29°51	17° 9	23° 2	8°14	15°23	1° 7	2°12	21° 9	28° 7	28°53	29°16	13°25	n.a.	T 9
W10	16 19 48	4°13'50	12♋ 7	17°20	24°15	8°49	15°20	1°14	2°10	21° 8	28° 6	28°44	29°13	13°31	n.a.	W10
T 11	16 23 44	5°11'02	24°11	17°37	25°28	9°25	15°17	1°22	2° 8	21° 7	28° 4	28°38	29°10	13°38	n.a.	T 11
F 12	16 27 41	6° 8'15	6♌ 5	17°59	26°42	10° 1	15°14	1°29	2° 5	21° 6	28° 3	28°34	29° 7	13°45	n.a.	F 12
S 13	16 31 37	7° 5'28	17°53	18°27	27°55	10°38	15°12	1°36	2° 3	21° 5	28° 1	28°32	29° 4	13°51	n.a.	S 13
S 14	16 35 34	8° 2'42	29°41	19° 0	29° 9	11°14	15°10	1°42	2° 1	21° 4	28° 0	28°D32	29° 0	13°58	n.a.	S 14
M15	16 39 31	8°59'56	11♍35	19°40	0♋22	11°50	15° 8	1°49	1°59	21° 3	27°58	28°R32	28°57	14° 4	n.a.	M15
T 16	16 43 27	9°57'11	23°38	20°25	1°35	12°27	15° 6	1°56	1°57	21° 1	27°57	28°31	28°54	14°11	n.a.	T 16
W17	16 47 24	10°54'27	5♎57	21°16	2°48	13° 3	15° 4	2° 3	1°55	21° 0	27°55	28°29	28°51	14°18	n.a.	W17
T 18	16 51 20	11°51'43	18°36	22°12	4° 2	13°40	15° 3	2°10	1°53	20°59	27°54	28°24	28°48	14°24	n.a.	T 18
F 19	16 55 17	12°49'00	1♏39	23°14	5°15	14°17	15° 2	2°17	1°50	20°58	27°52	28°17	28°45	14°31	n.a.	F 19
S 20	16 59 13	13°46'18	15° 7	24°21	6°28	14°54	15° 1	2°23	1°48	20°57	27°51	28° 8	28°41	14°38	n.a.	S 20
S 21	17 3 10	14°43'37	29° 0	25°33	7°42	15°31	15° 0	2°30	1°46	20°55	27°50	27°57	28°38	14°44	n.a.	S 21
M22	17 7 6	15°40'57	13♐14	26°50	8°55	16° 8	14°59	2°36	1°44	20°54	27°48	27°47	28°35	14°51	n.a.	M22
T 23	17 11 3	16°38'18	27°44	28°13	10° 8	16°45	14°58	2°43	1°41	20°53	27°47	27°37	28°32	14°58	n.a.	T 23
W24	17 15 0	17°35'40	12♑23	29°40	11°21	17°22	14°58	2°49	1°39	20°52	27°45	27°29	28°29	15° 4	n.a.	W24
T 25	17 18 56	18°33'04	27° 4	1♊12	12°35	18° 0	14°D58	2°56	1°37	20°50	27°44	27°23	28°25	15°11	n.a.	T 25
F 26	17 22 53	19°30'29	11♒40	2°48	13°48	18°37	14°58	3° 2	1°35	20°49	27°43	27°20	28°22	15°18	n.a.	F 26
S 27	17 26 49	20°27'55	26° 6	4°28	15° 1	19°15	14°58	3° 8	1°32	20°48	27°41	27°D19	28°19	15°24	n.a.	S 27
S 28	17 30 46	21°25'23	10♓20	6°12	16°14	19°53	14°58	3°14	1°30	20°46	27°40	27°20	28°16	15°31	n.a.	S 28
M29	17 34 42	22°22'52	24°19	7°59	17°27	20°30	14°59	3°21	1°28	20°45	27°39	27°R20	28°13	15°38	n.a.	M29
T 30	17 38 39	23♊20'23	8♈ 5	9♊49	18♋40	21♌ 8	15♎ 0	3♉27	1♑25	20♑43	27♏37	27♌19	28♌10	15♌44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n31	7s40	1s11	13n34	4s19	23n58	1n11	20n53	1n13	5s14	1n12	9n54	1s57	24s18	0s28	22s43	0s34	18s16	1n55	11n39	11n47	15n53		n.a.
T 2	19 44	3 10	2 19	13 25	4 21	24 8	1 13	20 44	1 12	5 13	1 12	9 56	1 57	24 18	0 28	22 43	0 34	18 16	1 55	11 39	11 48	15 52		n.a.
W 3	19 58	1n28	3 19	13 17	4 22	24 18	1 14	20 34	1 11	5 12	1 12	9 59	1 57	24 18	0 28	22 43	0 34	18 16	1 55	11 41	11 49	15 51		n.a.
T 4	20 11	5 58	4 7	13 12	4 21	24 28	1 16	20 25	1 10	5 10	1 12	10 2	1 57	24 18	0 28	22 43	0 34	18 15	1 55	11 43	11 50	15 50		n.a.
F 5	20 24	10 6	4 40	13 10	4 19	24 36	1 17	20 15	1 9	5 9	1 11	10 4	1 57	24 18	0 28	22 43	0 34	18 15	1 55	11 47	11 51	15 49		n.a.
S 6	20 36	13 41	4 58	13 10	4 15	24 44	1 19	20 5	1 8	5 8	1 11	10 7	1 57	24 18	0 28	22 43	0 34	18 15	1 55	11 51	11 52	15 48		n.a.
S 7	20 48	16 32	4 59	13 14	4 11	24 51	1 20	19 55	1 7	5 7	1 11	10 9	1 58	24 18	0 28	22 43	0 34	18 15	1 54	11 56	11 54	15 47		n.a.
M 8	21 0	18 31	4 46	13 19	4 5	24 58	1 22	19 45	1 6	5 6	1 10	10 12	1 58	24 18	0 28	22 44	0 34	18 14	1 54	12 0	11 55	15 46		n.a.
T 9	21 11	19 33	4 18	13 28	3 58	25 3	1 23	19 34	1 5	5 5	1 10	10 14	1 58	24 18	0 28	22 44	0 34	18 14	1 54	12 4	11 56	15 44		n.a.
W10	21 22	19 39	3 40	13 38	3 49	25 8	1 24	19 24	1 4	5 4	1 10	10 17	1 58	24 19	0 28	22 44	0 34	18 14	1 54	12 7	11 57	15 43		n.a.
T 11	21 33	18 51	2 51	13 52	3 40	25 12	1 25	19 13	1 3	5 3	1 10	10 19	1 58	24 19	0 28	22 44	0 34	18 14	1 54	12 10	11 58	15 42		n.a.
F 12	21 43	17 13	1 56	14 8	3 30	25 16	1 27	19 2	1 2	5 3	1 9	10 21	1 58	24 19	0 28	22 44	0 34	18 14	1 54	12 11	11 59	15 41		n.a.
S 13	21 53	14 51	0 56	14 26	3 19	25 18	1 28	18 51	1 1	5 2	1 9	10 24	1 58	24 19	0 28	22 45	0 34	18 13	1 54	12 11	12 0	15 40		n.a.
S 14	22 2	11 53	0n 6	14 46	3 8	25 20	1 29	18 40	1 0	5 1	1 9	10 26	1 58	24 19	0 28	22 45	0 34	18 13	1 54	12 12	12 1	15 39		n.a.
M15	22 11	8 24	1 9	15 8	2 56	25 21	1 30	18 29	0 59	5 1	1 8	10 29	1 58	24 19	0 28	22 45	0 34	18 13	1 54	12 12	12 3	15 38		n.a.
T 16	22 20	4 33	2 9	15 33	2 43	25 22	1 31	18 18	0 58	5 0	1 8	10 31	1 58	24 19	0 28	22 45	0 34	18 13	1 53	12 12	12 4	15 37		n.a.
W17	22 29	0 25	3 5	15 59	2 30	25 21	1 31	18 6	0 57	5 0	1 8	10 33	1 58	24 19	0 28	22 45	0 34	18 12	1 53	12 13	12 5	15 36		n.a.
T 18	22 37	3s50	3 53	16 26	2 17	25 20	1 32	17 54	0 56	5 0	1 8	10 35	1 58	24 19	0 28	22 46	0 35	18 12	1 53	12 14	12 6	15 34		n.a.
F 19	22 44	8 2	4 31	16 55	2 3	25 18	1 33	17 43	0 55	4 59	1 7	10 38	1 58	24 19	0 28	22 46	0 35	18 12	1 53	12 17	12 7	15 33		n.a.
S 20	22 51	11 58	4 55	17 25	1 49	25 15	1 34	17 31	0 54	4 59	1 7	10 40	1 58	24 19	0 28	22 46	0 35	18 12	1 53	12 20	12 8	15 32		n.a.
S 21	22 58	15 23	5 2	17 57	1 36	25 12	1 34	17 19	0 53	4 59	1 7	10 42	1 58	24 19	0 28	22 46	0 35	18 12	1 53	12 24	12 9	15 31		n.a.
M22	23 5	17 58	4 51	18 28	1 22	25 8	1 35	17 6	0 52	4 59	1 6	10 44	1 59	24 19	0 28	22 46	0 35	18 11	1 53	12 27	12 10	15 30		n.a.
T 23	23 11	19 29	4 22	19 1	1 8	25 3	1 35	16 54	0 51	4 59	1 6	10 47	1 59	24 19	0 28	22 47	0 35	18 11	1 53	12 31	12 12	15 29		n.a.
W24	23 16	19 42	3 35	19 34	0 54	24 57	1 35	16 42	0 50	4 59	1 6	10 49	1 59	24 19	0 28	22 47	0 35	18 11	1 52	12 34	12 13	15 28		n.a.
T 25	23 22	18 36	2 34	20 6	0 40	24 51	1 36	16 29	0 49	5 0	1 5	10 51	1 59	24 19	0 28	22 47	0 35	18 11	1 52	12 36	12 14	15 26		n.a.
F 26	23 26	16 16	1 22	20 39	0 27	24 43	1 36	16 16	0 48	5 0	1 5	10 53	1 59	24 19	0 28	22 47	0 35	18 11	1 52	12 37	12 15	15 25		n.a.
S 27	23 31	12 56	0 7	21 11	0 14	24 35	1 36	16 4	0 47	5 0	1 5	10 55	1 59	24 19	0 28	22 48	0 35	18 10	1 52	12 37	12 16	15 24		n.a.
S 28	23 35	8 53	1s 9	21 42	0 1	24 27	1 36	15 51	0 46	5 1	1 5	10 57	1 59	24 19	0 28	22 48	0 35	18 10	1 52	12 37	12 17	15 23		n.a.
M29	23 38	4 25	2 19	22 12	0n11	24 17	1 36	15 37	0 45	5 1	1 4	10 59	1 59	24 19	0 28	22 48	0 35	18 10	1 52	12 37	12 18	15 22		n.a.
T 30	23n41	0n13	3s20	22n41	0n22	24n 7	1n36	15n24	0n44	5s 2	1n 4	11n 1	1s59	24s19	0s28	22s48	0s35	18s10	1n52	12n37	12n19	15n21		n.a.

Julian Day Number = 1193422.5, Delta T = 09h29m51s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'17, Lahiri = -23°54'16 Julian Calendar 1 June 1446 BCE == Greg. Calendar 19 May 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

JULY 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 42 35	24♊17'56	21♈37	11♊43	19♋54	21♌46	15♎ 1	3♉33	1°R23	20°R42	27°R36	27°R16	28♌ 6	15♌51	n.a.	W 1
T 2	17 46 32	25°15'30	4♉56	13°38	21° 7	22°24	15° 2	3°39	1♑20	20♑41	27♏35	27♌11	28° 3	15°58	n.a.	T 2
F 3	17 50 29	26°13'06	18° 2	15°35	22°20	23° 3	15° 3	3°45	1°18	20°39	27°34	27° 3	28° 0	16° 4	n.a.	F 3
S 4	17 54 25	27°10'43	0♊56	17°34	23°33	23°41	15° 4	3°50	1°16	20°38	27°32	26°53	27°57	16°11	n.a.	S 4
S 5	17 58 22	28° 8'22	13°38	19°35	24°46	24°19	15° 6	3°56	1°13	20°36	27°31	26°43	27°54	16°17	n.a.	S 5
M 6	18 2 18	29° 6'03	26° 7	21°36	25°59	24°58	15° 8	4° 2	1°11	20°35	27°30	26°32	27°51	16°24	n.a.	M 6
T 7	18 6 15	0♋ 3'45	8♋25	23°37	27°12	25°36	15°10	4° 7	1° 9	20°33	27°29	26°23	27°47	16°31	n.a.	T 7
W 8	18 10 11	1° 1'28	20°31	25°39	28°25	26°15	15°12	4°13	1° 6	20°32	27°28	26°16	27°44	16°37	n.a.	W 8
T 9	18 14 8	1°59'13	2♌28	27°41	29°38	26°54	15°15	4°18	1° 4	20°30	27°26	26°10	27°41	16°44	n.a.	T 9
F 10	18 18 4	2°57'00	14°18	29°43	0♌51	27°33	15°17	4°24	1° 1	20°29	27°25	26° 8	27°38	16°51	n.a.	F 10
S 11	18 22 1	3°54'48	26° 5	1♋44	2° 4	28°12	15°20	4°29	0°59	20°27	27°24	26°D 7	27°35	16°57	n.a.	S 11
S 12	18 25 58	4°52'37	7♍52	3°45	3°17	28°51	15°23	4°34	0°57	20°25	27°23	26° 7	27°31	17° 4	n.a.	S 12
M13	18 29 54	5°50'28	19°44	5°44	4°30	29°30	15°26	4°40	0°54	20°24	27°22	26° 9	27°28	17°11	n.a.	M13
T 14	18 33 51	6°48'20	1♎46	7°43	5°43	0♍ 9	15°29	4°45	0°52	20°22	27°21	26°R 9	27°25	17°17	n.a.	T 14
W15	18 37 47	7°46'13	14° 4	9°41	6°56	0°49	15°33	4°50	0°49	20°21	27°20	26° 9	27°22	17°24	n.a.	W15
T 16	18 41 44	8°44'08	26°41	11°38	8° 9	1°28	15°36	4°55	0°47	20°19	27°19	26° 8	27°19	17°31	n.a.	T 16
F 17	18 45 40	9°42'04	9♏44	13°34	9°22	2° 8	15°40	4°59	0°45	20°17	27°18	26° 4	27°16	17°37	n.a.	F 17
S 18	18 49 37	10°40'02	23°13	15°28	10°35	2°47	15°44	5° 4	0°42	20°16	27°17	25°59	27°12	17°44	n.a.	S 18
S 19	18 53 33	11°38'02	7♐10	17°21	11°48	3°27	15°48	5° 9	0°40	20°14	27°16	25°53	27° 9	17°51	n.a.	S 19
M20	18 57 30	12°36'03	21°33	19°13	13° 1	4° 7	15°52	5°13	0°38	20°13	27°15	25°46	27° 6	17°57	n.a.	M20
T 21	19 1 27	13°34'06	6♑17	21° 4	14°13	4°47	15°57	5°18	0°35	20°11	27°14	25°39	27° 3	18° 4	n.a.	T 21
W22	19 5 23	14°32'11	21°15	22°54	15°26	5°27	16° 1	5°22	0°33	20° 9	27°13	25°34	27° 0	18°11	n.a.	W22
T 23	19 9 20	15°30'17	6♒17	24°42	16°39	6° 7	16° 6	5°27	0°31	20° 8	27°12	25°31	26°57	18°17	n.a.	T 23
F 24	19 13 16	16°28'26	21°15	26°29	17°52	6°47	16°11	5°31	0°28	20° 6	27°11	25°D30	26°53	18°24	n.a.	F 24
S 25	19 17 13	17°26'36	6♓ 1	28°15	19° 4	7°27	16°16	5°35	0°26	20° 4	27°10	25°30	26°50	18°30	n.a.	S 25
S 26	19 21 9	18°24'49	20°30	29°59	20°17	8° 7	16°22	5°39	0°24	20° 3	27°10	25°31	26°47	18°37	n.a.	S 26
M27	19 25 6	19°23'04	4♈39	1♌43	21°29	8°48	16°27	5°43	0°22	20° 1	27° 9	25°33	26°44	18°44	n.a.	M27
T 28	19 29 2	20°21'21	18°28	3°25	22°42	9°28	16°33	5°47	0°20	19°59	27° 8	25°R34	26°41	18°50	n.a.	T 28
W29	19 32 59	21°19'41	1♉55	5° 6	23°55	10° 9	16°38	5°51	0°17	19°58	27° 7	25°33	26°37	18°57	n.a.	W29
T 30	19 36 56	22°18'02	15° 5	6°46	25° 7	10°49	16°44	5°55	0°15	19°56	27° 7	25°31	26°34	19° 4	n.a.	T 30
F 31	19 40 52	23♋16'26	27♉57	8♌24	26♌20	11♍30	16♎50	5♉58	0♑13	19♑55	27♏ 6	25♌28	26♌31	19♌10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n44	4n45	4s 8	23n 8	0n33	23n56	1n36	15n11	0n43	5s 2	1n 4	11n 3	1s59	24s19	0s28	22s49	0s35	18s10	1n52	12n38	12n20	15n19			n.a.
T 2	23 47	8 58	4 42	23 33	0 43	23 45	1 36	14 57	0 43	5 3	1 3	11 5	1 59	24 20	0 28	22 49	0 35	18 10	1 51	12 40	12 22	15 18			n.a.
F 3	23 48	12 42	5 1	23 57	0 53	23 32	1 35	14 44	0 42	5 4	1 3	11 7	2 0	24 20	0 28	22 49	0 35	18 9	1 51	12 43	12 23	15 17			n.a.
S 4	23 50	15 45	5 4	24 18	1 2	23 20	1 35	14 30	0 41	5 5	1 3	11 9	2 0	24 20	0 28	22 49	0 35	18 9	1 51	12 46	12 24	15 16			n.a.
S 5	23 51	18 1	4 52	24 36	1 10	23 6	1 34	14 16	0 40	5 6	1 2	11 11	2 0	24 20	0 28	22 50	0 35	18 9	1 51	12 50	12 25	15 15			n.a.
M 6	23 52	19 23	4 25	24 52	1 17	22 52	1 34	14 2	0 39	5 7	1 2	11 12	2 0	24 20	0 28	22 50	0 35	18 9	1 51	12 53	12 26	15 13			n.a.
T 7	23 52	19 49	3 47	25 6	1 23	22 37	1 33	13 48	0 38	5 8	1 2	11 14	2 0	24 20	0 28	22 50	0 35	18 9	1 51	12 57	12 27	15 12			n.a.
W 8	23 51	19 19	2 59	25 16	1 29	22 21	1 33	13 34	0 37	5 9	1 2	11 16	2 0	24 20	0 28	22 50	0 35	18 9	1 51	12 59	12 28	15 11			n.a.
T 9	23 51	17 57	2 4	25 24	1 34	22 5	1 32	13 20	0 36	5 10	1 1	11 18	2 0	24 20	0 28	22 51	0 35	18 9	1 51	13 1	12 29	15 10			n.a.
F 10	23 50	15 49	1 3	25 30	1 38	21 48	1 31	13 5	0 35	5 11	1 1	11 20	2 0	24 20	0 28	22 51	0 35	18 8	1 50	13 2	12 31	15 9			n.a.
S 11	23 48	13 3	0 0	25 33	1 41	21 31	1 30	12 51	0 34	5 13	1 1	11 21	2 0	24 20	0 28	22 51	0 35	18 8	1 50	13 2	12 32	15 7			n.a.
S 12	23 46	9 44	1n 3	25 33	1 44	21 13	1 29	12 36	0 33	5 14	1 0	11 23	2 1	24 20	0 28	22 51	0 35	18 8	1 50	13 2	12 33	15 6			n.a.
M13	23 44	6 2	2 4	25 30	1 46	20 54	1 28	12 21	0 32	5 15	1 0	11 25	2 1	24 20	0 28	22 52	0 35	18 8	1 50	13 2	12 34	15 5			n.a.
T 14	23 41	2 2	3 1	25 25	1 47	20 35	1 27	12 6	0 32	5 17	1 0	11 26	2 1	24 20	0 28	22 52	0 35	18 8	1 50	13 1	12 35	15 4			n.a.
W15	23 38	2s 7	3 50	25 18	1 48	20 15	1 26	11 51	0 31	5 19	1 0	11 28	2 1	24 20	0 28	22 52	0 35	18 8	1 50	13 1	12 36	15 3			n.a.
T 16	23 34	6 17	4 30	25 8	1 48	19 54	1 25	11 36	0 30	5 20	0 59	11 29	2 1	24 20	0 28	22 52	0 35	18 8	1 50	13 2	12 37	15 1			n.a.
F 17	23 30	10 18	4 57	24 56	1 47	19 34	1 23	11 21	0 29	5 22	0 59	11 31	2 1	24 20	0 28	22 53	0 35	18 8	1 49	13 3	12 38	15 0			n.a.
S 18	23 25	13 55	5 9	24 42	1 46	19 12	1 22	11 6	0 28	5 24	0 59	11 32	2 1	24 20	0 28	22 53	0 35	18 7	1 49	13 5	12 39	14 59			n.a.
S 19	23 21	16 54	5 3	24 27	1 45	18 50	1 20	10 50	0 27	5 26	0 58	11 34	2 2	24 20	0 28	22 53	0 35	18 7	1 49	13 7	12 41	14 58			n.a.
M20	23 15	18 57	4 39	24 9	1 43	18 28	1 19	10 35	0 26	5 28	0 58	11 35	2 2	24 20	0 28	22 53	0 35	18 7	1 49	13 9	12 42	14 56			n.a.
T 21	23 9	19 47	3 56	23 49	1 40	18 5	1 17	10 19	0 25	5 30	0 58	11 36	2 2	24 20	0 28	22 54	0 35	18 7	1 49	13 12	12 43	14 55			n.a.
W22	23 3	19 16	2 55	23 28	1 37	17 41	1 15	10 3	0 24	5 32	0 58	11 38	2 2	24 20	0 28	22 54	0 35	18 7	1 49	13 13	12 44	14 54			n.a.
T 23	22 57	17 23	1 43	23 6	1 33	17 17	1 13	9 48	0 24	5 34	0 57	11 39	2 2	24 20	0 28	22 54	0 35	18 7	1 49	13 14	12 45	14 53			n.a.
F 24	22 50	14 18	0 23	22 42	1 30	16 53	1 12	9 32	0 23	5 36	0 57	11 40	2 2	24 20	0 28	22 54	0 35	18 7	1 49	13 15	12 46	14 51			n.a.
S 25	22 42	10 21	0s57	22 16	1 25	16 28	1 10	9 16	0 22	5 38	0 57	11 42	2 2	24 20	0 28	22 55	0 35	18 7	1 48	13 15	12 47	14 50			n.a.
S 26	22 34	5 51	2 12	21 49	1 21	16 3	1 8	9 0	0 21	5 41	0 57	11 43	2 3	24 20	0 28	22 55	0 35	18 7	1 48	13 14	12 48	14 49			n.a.
M27	22 26	1 8	3 18	21 22	1 16	15 37	1 6	8 43	0 20	5 43	0 56	11 44	2 3	24 20	0 28	22 55	0 35	18 7	1 48	13 14	12 49	14 48			n.a.
T 28	22 17	3n31	4 10	20 53	1 11	15 11	1 3	8 27	0 19	5 45	0 56	11 45	2 3	24 20	0 28	22 56	0 35	18 7	1 48	13 14	12 50	14 46			n.a.
W29	22 8	7 53	4 47	20 23	1 5	14 45	1 1	8 11	0 18	5 48	0 56	11 46	2 3	24 20	0 28	22 56	0 35	18 7	1 48	13 14	12 52	14 45			n.a.
T 30	21 59	11 45	5 7	19 52	0 59	14 18	0 59	7 54	0 17	5 50	0 55	11 48	2 3	24 20	0 28	22 56	0 35	18 7	1 48	13 14	12 53	14 44			n.a.
F 31	21n49	14n59	5s12	19n20	0n53	13n51	0n57	7n38	0n17	5s53	0n55	11n49	2s 3	24s20	0s28	22s56	0s35	18s 7	1n47	13n16	12n54	14n43			n.a.

Julian Day Number = 1193452.5, Delta T = 09h29m49s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'13, Lahiri = -23°54'12 Julian Calendar 1 July 1446 BCE == Greg. Calendar 18 June 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

AUGUST 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 44 49	24♋14'53	10♊34	10♌ 2	27♌32	12♍11	16♎56	6♉ 2	0°R11	19°R53	27°R 5	25°R23	26♌28	19♌17	n.a.	S 1
S 2	19 48 45	25°13'21	22°59	11°38	28°45	12°52	17° 3	6° 5	0♑ 9	19♑51	27♏ 5	25♌18	26°25	19°24	n.a.	S 2
M 3	19 52 42	26°11'52	5♋13	13°13	29°57	13°33	17° 9	6° 9	0° 7	19°50	27° 4	25°13	26°22	19°30	n.a.	M 3
T 4	19 56 38	27°10'25	17°17	14°48	1♍10	14°14	17°16	6°12	0° 5	19°48	27° 4	25° 8	26°18	19°37	n.a.	T 4
W 5	20 0 35	28° 9'00	29°14	16°21	2°22	14°55	17°23	6°15	0° 3	19°46	27° 3	25° 5	26°15	19°44	n.a.	W 5
T 6	20 4 31	29° 7'37	11♌ 5	17°53	3°34	15°37	17°30	6°18	0° 1	19°45	27° 3	25° 3	26°12	19°50	n.a.	T 6
F 7	20 8 28	0♌ 6'16	22°53	19°24	4°47	16°18	17°37	6°21	29♐59	19°43	27° 2	25°D 2	26° 9	19°57	n.a.	F 7
S 8	20 12 24	1° 4'57	4♍39	20°53	5°59	16°59	17°44	6°24	29°57	19°41	27° 2	25° 2	26° 6	20° 4	n.a.	S 8
S 9	20 16 21	2° 3'40	16°27	22°22	7°11	17°41	17°51	6°27	29°55	19°40	27° 1	25° 3	26° 2	20°10	n.a.	S 9
M10	20 20 18	3° 2'25	28°20	23°50	8°24	18°22	17°59	6°29	29°53	19°38	27° 1	25° 5	25°59	20°17	n.a.	M10
T 11	20 24 14	4° 1'12	10♎23	25°16	9°36	19° 4	18° 7	6°32	29°51	19°37	27° 0	25° 6	25°56	20°23	n.a.	T 11
W12	20 28 11	5° 0'01	22°39	26°41	10°48	19°46	18°14	6°34	29°49	19°35	27° 0	25° 8	25°53	20°30	n.a.	W12
T 13	20 32 7	5°58'52	5♏14	28° 5	12° 0	20°28	18°22	6°36	29°47	19°33	27° 0	25°R 8	25°50	20°37	n.a.	T 13
F 14	20 36 4	6°57'44	18°11	29°28	13°12	21° 9	18°30	6°39	29°46	19°32	26°59	25° 8	25°47	20°43	n.a.	F 14
S 15	20 40 0	7°56'39	1♐34	0♍50	14°24	21°51	18°39	6°41	29°44	19°30	26°59	25° 7	25°43	20°50	n.a.	S 15
S 16	20 43 57	8°55'35	15°24	2°11	15°36	22°34	18°47	6°43	29°42	19°29	26°59	25° 5	25°40	20°57	n.a.	S 16
M17	20 47 53	9°54'34	29°43	3°30	16°48	23°16	18°55	6°45	29°41	19°27	26°59	25° 3	25°37	21° 3	n.a.	M17
T 18	20 51 50	10°53'34	14♑25	4°47	18° 0	23°58	19° 4	6°46	29°39	19°26	26°59	25° 1	25°34	21°10	n.a.	T 18
W19	20 55 47	11°52'37	29°26	6° 4	19°12	24°40	19°13	6°48	29°37	19°24	26°58	25° 0	25°31	21°17	n.a.	W19
T 20	20 59 43	12°51'41	14♒38	7°19	20°24	25°22	19°21	6°50	29°36	19°23	26°58	24°59	25°28	21°23	n.a.	T 20
F 21	21 3 40	13°50'48	29°50	8°32	21°35	26° 5	19°30	6°51	29°34	19°21	26°58	24°D59	25°24	21°30	n.a.	F 21
S 22	21 7 36	14°49'57	14♓54	9°44	22°47	26°47	19°39	6°52	29°33	19°20	26°58	24°59	25°21	21°37	n.a.	S 22
S 23	21 11 33	15°49'08	29°41	10°53	23°59	27°30	19°49	6°54	29°31	19°18	26°D58	25° 0	25°18	21°43	n.a.	S 23
M24	21 15 29	16°48'22	14♈ 6	12° 1	25°10	28°13	19°58	6°55	29°30	19°17	26°58	25° 1	25°15	21°50	n.a.	M24
T 25	21 19 26	17°47'38	28° 5	13° 7	26°22	28°55	20° 7	6°56	29°29	19°16	26°58	25° 1	25°12	21°56	n.a.	T 25
W26	21 23 22	18°46'56	11♉38	14°11	27°33	29°38	20°17	6°57	29°27	19°14	26°58	25° 2	25° 8	22° 3	n.a.	W26
T 27	21 27 19	19°46'18	24°47	15°12	28°45	0♎21	20°26	6°57	29°26	19°13	26°58	25°R 2	25° 5	22°10	n.a.	T 27
F 28	21 31 15	20°45'42	7♊34	16°11	29°56	1° 4	20°36	6°58	29°25	19°11	26°59	25° 1	25° 2	22°16	n.a.	F 28
S 29	21 35 12	21°45'08	20° 3	17° 6	1♎ 8	1°47	20°46	6°59	29°24	19°10	26°59	25° 1	24°59	22°23	n.a.	S 29
S 30	21 39 9	22°44'36	2♋17	17°59	2°19	2°30	20°56	6°59	29°23	19° 9	26°59	25° 1	24°56	22°30	n.a.	S 30
M31	21 43 5	23♌44'08	14♋20	18♍49	3♎30	3♎13	21♎ 6	6♉59	29♐22	19♑ 8	26♏59	25♌ 1	24♌53	22♌36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n39	17n27	5s 2	18n48	0n47	13n23	0n54	7n21	0n16	5s56	0n55	11n50	2s 4	24s20	0s28	22s57	0s35	18s 7	1n47	13n17	12n55	14n41		n.a.
S 2	21 28	19 4	4 37	18 15	0 41	12 55	0 52	7 4	0 15	5 58	0 55	11 51	2 4	24 20	0 28	22 57	0 35	18 7	1 47	13 19	12 56	14 40		n.a.
M 3	21 17	19 45	4 0	17 41	0 34	12 27	0 49	6 48	0 14	6 1	0 54	11 52	2 4	24 20	0 28	22 57	0 35	18 7	1 47	13 21	12 57	14 39		n.a.
T 4	21 6	19 32	3 13	17 7	0 27	11 59	0 47	6 31	0 13	6 4	0 54	11 53	2 4	24 20	0 28	22 57	0 35	18 7	1 47	13 22	12 58	14 38		n.a.
W 5	20 54	18 26	2 17	16 32	0 20	11 30	0 44	6 14	0 12	6 7	0 54	11 53	2 4	24 20	0 28	22 58	0 35	18 7	1 47	13 23	12 59	14 36		n.a.
T 6	20 42	16 32	1 16	15 57	0 13	11 1	0 41	5 57	0 12	6 10	0 54	11 54	2 4	24 20	0 28	22 58	0 35	18 7	1 47	13 24	13 0	14 35		n.a.
F 7	20 29	13 57	0 12	15 21	0 6	10 31	0 38	5 40	0 11	6 13	0 53	11 55	2 4	24 20	0 28	22 58	0 35	18 7	1 46	13 24	13 1	14 34		n.a.
S 8	20 16	10 48	0n53	14 45	0s 2	10 2	0 36	5 23	0 10	6 16	0 53	11 56	2 5	24 20	0 28	22 58	0 35	18 7	1 46	13 24	13 3	14 32		n.a.
S 9	20 3	7 13	1 56	14 9	0 9	9 32	0 33	5 5	0 9	6 19	0 53	11 57	2 5	24 20	0 28	22 59	0 35	18 7	1 46	13 24	13 4	14 31		n.a.
M10	19 49	3 19	2 54	13 33	0 17	9 2	0 30	4 48	0 8	6 22	0 53	11 57	2 5	24 20	0 28	22 59	0 35	18 7	1 46	13 23	13 5	14 30		n.a.
T 11	19 35	0s44	3 45	12 56	0 25	8 31	0 27	4 31	0 7	6 25	0 52	11 58	2 5	24 20	0 28	22 59	0 35	18 7	1 46	13 23	13 6	14 28		n.a.
W12	19 21	4 50	4 27	12 20	0 33	8 1	0 24	4 13	0 7	6 28	0 52	11 59	2 5	24 20	0 28	22 59	0 35	18 7	1 46	13 22	13 7	14 27		n.a.
T 13	19 7	8 49	4 58	11 43	0 40	7 30	0 21	3 56	0 6	6 32	0 52	11 59	2 6	24 20	0 28	23 0	0 35	18 7	1 46	13 22	13 8	14 26		n.a.
F 14	18 52	12 31	5 14	11 6	0 48	6 59	0 17	3 38	0 5	6 35	0 52	12 0	2 6	24 20	0 28	23 0	0 35	18 7	1 45	13 22	13 9	14 25		n.a.
S 15	18 36	15 42	5 15	10 30	0 56	6 28	0 14	3 21	0 4	6 38	0 51	12 0	2 6	24 20	0 28	23 0	0 35	18 7	1 45	13 23	13 10	14 23		n.a.
S 16	18 21	18 8	4 57	9 53	1 4	5 57	0 11	3 3	0 3	6 42	0 51	12 1	2 6	24 20	0 28	23 0	0 35	18 8	1 45	13 23	13 11	14 22		n.a.
M17	18 5	19 31	4 21	9 17	1 12	5 25	0 8	2 46	0 2	6 45	0 51	12 1	2 6	24 20	0 28	23 0	0 35	18 8	1 45	13 24	13 12	14 21		n.a.
T 18	17 48	19 39	3 27	8 41	1 20	4 54	0 4	2 28	0 2	6 49	0 51	12 2	2 6	24 20	0 28	23 1	0 35	18 8	1 45	13 25	13 13	14 19		n.a.
W19	17 32	18 24	2 17	8 5	1 28	4 22	0 1	2 10	0 1	6 52	0 51	12 2	2 7	24 20	0 28	23 1	0 35	18 8	1 45	13 25	13 15	14 18		n.a.
T 20	17 15	15 49	0 57	7 30	1 36	3 50	0s 2	1 52	0 0	6 56	0 50	12 2	2 7	24 20	0 28	23 1	0 35	18 8	1 45	13 25	13 16	14 17		n.a.
F 21	16 58	12 9	0s27	6 55	1 44	3 18	0 6	1 34	0s 1	7 0	0 50	12 3	2 7	24 20	0 28	23 1	0 35	18 8	1 44	13 25	13 17	14 15		n.a.
S 22	16 40	7 43	1 49	6 20	1 52	2 46	0 9	1 16	0 2	7 3	0 50	12 3	2 7	24 20	0 28	23 2	0 35	18 8	1 44	13 25	13 18	14 14		n.a.
S 23	16 23	2 53	3 1	5 46	1 59	2 14	0 13	0 59	0 2	7 7	0 50	12 3	2 7	24 20	0 28	23 2	0 35	18 8	1 44	13 25	13 19	14 13		n.a.
M24	16 4	1n58	4 1	5 13	2 7	1 42	0 16	0 41	0 3	7 11	0 49	12 4	2 7	24 20	0 28	23 2	0 35	18 9	1 44	13 25	13 20	14 11		n.a.
T 25	15 46	6 34	4 44	4 41	2 14	1 10	0 20	0 23	0 4	7 15	0 49	12 4	2 8	24 20	0 28	23 2	0 36	18 9	1 44	13 25	13 21	14 10		n.a.
W26	15 28	10 41	5 9	4 9	2 22	0 38	0 23	0 5	0 5	7 18	0 49	12 4	2 8	24 20	0 28	23 2	0 36	18 9	1 44	13 24	13 22	14 9		n.a.
T 27	15 9	14 10	5 18	3 39	2 29	0 6	0 27	0s14	0 5	7 22	0 49	12 4	2 8	24 20	0 28	23 3	0 36	18 9	1 43	13 24	13 23	14 7		n.a.
F 28	14 50	16 51	5 10	3 10	2 36	0s26	0 30	0 32	0 6	7 26	0 49	12 4	2 8	24 20	0 28	23 3	0 36	18 9	1 43	13 25	13 24	14 6		n.a.
S 29	14 30	18 41	4 48	2 42	2 42	0 59	0 34	0 50	0 7	7 30	0 48	12 4	2 8	24 20	0 28	23 3	0 36	18 9	1 43	13 25	13 25	14 4		n.a.
S 30	14 11	19 37	4 13	2 15	2 48	1 31	0 38	1 8	0 8	7 34	0 48	12 4	2 8	24 20	0 28	23 3	0 36	18 10	1 43	13 25	13 26	14 3		n.a.
M31	13n51	19n38	3s28	1n50	2s54	2s 3	0s41	1s26	0s 9	7s38	0n48	12n 4	2s 9	24s20	0s28	23s 3	0s36	18s10	1n43	13n25	13n28	14n 2		n.a.

Julian Day Number = 1193483.5, Delta T = 09h29m48s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'08, Lahiri = -23°54'08 Julian Calendar 1 Aug. 1446 BCE == Greg. Calendar 19 July 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

SEPTEMBER 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 47 2	24♌43'41	26♋15	19♍34	4♎41	3♎57	21♎16	7♉ 0	29°R20	19°R 6	26♏59	25°D 1	24♌49	22♌43	n.a.	T 1
W 2	21 50 58	25°43'17	8♌ 5	20°16	5°53	4°40	21°26	7°R 0	29♐19	19♑ 5	27° 0	25♌ 1	24°46	22°50	n.a.	W 2
T 3	21 54 55	26°42'55	19°53	20°53	7° 4	5°23	21°37	7° 0	29°19	19° 4	27° 0	25°R 1	24°43	22°56	n.a.	T 3
F 4	21 58 51	27°42'35	1♍40	21°26	8°15	6° 7	21°47	7° 0	29°18	19° 3	27° 0	25° 1	24°40	23° 3	n.a.	F 4
S 5	22 2 48	28°42'17	13°29	21°53	9°26	6°50	21°58	6°59	29°17	19° 1	27° 1	25° 0	24°37	23°10	n.a.	S 5
S 6	22 6 44	29°42'02	25°22	22°15	10°37	7°34	22° 8	6°59	29°16	19° 0	27° 1	25° 0	24°34	23°16	n.a.	S 6
M 7	22 10 41	0♍41'48	7♎22	22°30	11°48	8°18	22°19	6°58	29°15	18°59	27° 2	24°59	24°30	23°23	n.a.	M 7
T 8	22 14 37	1°41'36	19°31	22°38	12°58	9° 1	22°30	6°58	29°14	18°58	27° 2	24°58	24°27	23°30	n.a.	T 8
W 9	22 18 34	2°41'27	1♏52	22°R39	14° 9	9°45	22°41	6°57	29°14	18°57	27° 3	24°57	24°24	23°36	n.a.	W 9
T 10	22 22 31	3°41'19	14°28	22°32	15°20	10°29	22°52	6°56	29°13	18°56	27° 3	24°57	24°21	23°43	n.a.	T 10
F 11	22 26 27	4°41'13	27°22	22°16	16°30	11°13	23° 3	6°55	29°13	18°55	27° 4	24°56	24°18	23°49	n.a.	F 11
S 12	22 30 24	5°41'09	10♐38	21°52	17°41	11°57	23°14	6°54	29°12	18°54	27° 4	24°D56	24°14	23°56	n.a.	S 12
S 13	22 34 20	6°41'07	24°17	21°19	18°51	12°41	23°26	6°53	29°12	18°53	27° 5	24°57	24°11	24° 3	n.a.	S 13
M14	22 38 17	7°41'07	8♑21	20°37	20° 2	13°25	23°37	6°52	29°11	18°52	27° 6	24°57	24° 8	24° 9	n.a.	M14
T 15	22 42 13	8°41'08	22°48	19°46	21°12	14° 9	23°48	6°51	29°11	18°51	27° 6	24°59	24° 5	24°16	n.a.	T 15
W16	22 46 10	9°41'11	7♒37	18°48	22°22	14°54	24° 0	6°49	29°10	18°50	27° 7	24°59	24° 2	24°23	n.a.	W16
T 17	22 50 6	10°41'16	22°40	17°42	23°32	15°38	24°12	6°48	29°10	18°49	27° 8	25°R 0	23°59	24°29	n.a.	T 17
F 18	22 54 3	11°41'23	7♓51	16°30	24°42	16°22	24°23	6°46	29°10	18°48	27° 9	25° 0	23°55	24°36	n.a.	F 18
S 19	22 57 59	12°41'32	22°59	15°15	25°52	17° 7	24°35	6°44	29°10	18°47	27° 9	24°58	23°52	24°43	n.a.	S 19
S 20	23 1 56	13°41'43	7♈56	13°57	27° 2	17°51	24°47	6°42	29°10	18°47	27°10	24°56	23°49	24°49	n.a.	S 20
M21	23 5 53	14°41'56	22°33	12°40	28°12	18°36	24°59	6°40	29° 9	18°46	27°11	24°54	23°46	24°56	n.a.	M21
T 22	23 9 49	15°42'11	6♉44	11°27	29°21	19°21	25°11	6°38	29°D 9	18°45	27°12	24°51	23°43	25° 3	n.a.	T 22
W23	23 13 46	16°42'28	20°28	10°18	0♏31	20° 5	25°23	6°36	29° 9	18°44	27°13	24°48	23°39	25° 9	n.a.	W23
T 24	23 17 42	17°42'48	3♊43	9°17	1°40	20°50	25°35	6°33	29° 9	18°44	27°14	24°47	23°36	25°16	n.a.	T 24
F 25	23 21 39	18°43'09	16°34	8°24	2°49	21°35	25°47	6°31	29°10	18°43	27°15	24°D46	23°33	25°22	n.a.	F 25
S 26	23 25 35	19°43'33	29° 2	7°43	3°59	22°20	25°59	6°28	29°10	18°43	27°16	24°46	23°30	25°29	n.a.	S 26
S 27	23 29 32	20°43'59	11♋12	7°12	5° 8	23° 5	26°12	6°26	29°10	18°42	27°17	24°47	23°27	25°36	n.a.	S 27
M28	23 33 28	21°44'27	23°11	6°53	6°17	23°50	26°24	6°23	29°10	18°41	27°18	24°49	23°24	25°42	n.a.	M28
T 29	23 37 25	22°44'58	5♌ 1	6°D46	7°26	24°35	26°37	6°20	29°11	18°41	27°19	24°51	23°20	25°49	n.a.	T 29
W30	23 41 22	23♍45'30	16♌47	6♍50	8♏34	25♎20	26♎49	6♉17	29♐11	18♑40	27♏20	24♌52	23♌17	25♌56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n31	18n46	2s33	1n27	3s 0	2s35	0s45	1s44	0s 9	7s42	0n48	12n 4	2s 9	24s20	0s28	23s 4	0s36	18s10	1n43	13n25	13n29	14n 0		n.a.
W 2	13 10	17 4	1 33	1 6	3 5	3 7	0 49	2 2	0 10	7 46	0 48	12 4	2 9	24 20	0 28	23 4	0 36	18 10	1 43	13 25	13 30	13 59		n.a.
T 3	12 50	14 40	0 29	0 47	3 9	3 39	0 52	2 21	0 11	7 50	0 47	12 4	2 9	24 20	0 28	23 4	0 36	18 10	1 42	13 25	13 31	13 58		n.a.
F 4	12 29	11 39	0n37	0 30	3 13	4 11	0 56	2 39	0 12	7 55	0 47	12 3	2 9	24 20	0 28	23 4	0 36	18 11	1 42	13 25	13 32	13 56		n.a.
S 5	12 8	8 9	1 41	0 17	3 16	4 43	1 0	2 57	0 12	7 59	0 47	12 3	2 9	24 20	0 28	23 4	0 36	18 11	1 42	13 25	13 33	13 55		n.a.
S 6	11 47	4 20	2 41	0 6	3 19	5 15	1 4	3 15	0 13	8 3	0 47	12 3	2 10	24 20	0 28	23 4	0 36	18 11	1 42	13 25	13 34	13 53		n.a.
M 7	11 25	0 18	3 35	0s 1	3 20	5 46	1 7	3 33	0 14	8 7	0 47	12 2	2 10	24 20	0 28	23 5	0 36	18 11	1 42	13 25	13 35	13 52		n.a.
T 8	11 4	3s47	4 19	0 5	3 20	6 18	1 11	3 52	0 15	8 11	0 46	12 2	2 10	24 20	0 28	23 5	0 36	18 12	1 42	13 26	13 36	13 51		n.a.
W 9	10 42	7 46	4 52	0 5	3 20	6 49	1 15	4 10	0 15	8 16	0 46	12 2	2 10	24 20	0 28	23 5	0 36	18 12	1 41	13 26	13 37	13 49		n.a.
T 10	10 20	11 30	5 12	0 0	3 18	7 20	1 18	4 28	0 16	8 20	0 46	12 1	2 10	24 20	0 28	23 5	0 36	18 12	1 41	13 26	13 38	13 48		n.a.
F 11	9 58	14 46	5 17	0n 9	3 14	7 52	1 22	4 46	0 17	8 24	0 46	12 1	2 10	24 20	0 28	23 5	0 36	18 12	1 41	13 26	13 39	13 47		n.a.
S 12	9 35	17 23	5 6	0 24	3 9	8 22	1 26	5 4	0 18	8 29	0 46	12 0	2 11	24 19	0 28	23 5	0 36	18 13	1 41	13 26	13 40	13 45		n.a.
S 13	9 13	19 7	4 37	0 43	3 2	8 53	1 29	5 23	0 18	8 33	0 45	12 0	2 11	24 19	0 28	23 6	0 35	18 13	1 41	13 26	13 42	13 44		n.a.
M14	8 50	19 45	3 51	1 8	2 54	9 24	1 33	5 41	0 19	8 38	0 45	11 59	2 11	24 19	0 28	23 6	0 35	18 13	1 41	13 26	13 43	13 42		n.a.
T 15	8 27	19 7	2 49	1 38	2 43	9 54	1 37	5 59	0 20	8 42	0 45	11 59	2 11	24 19	0 28	23 6	0 35	18 14	1 41	13 26	13 44	13 41		n.a.
W16	8 4	17 10	1 35	2 12	2 31	10 24	1 40	6 17	0 20	8 47	0 45	11 58	2 11	24 19	0 28	23 6	0 35	18 14	1 40	13 25	13 45	13 39		n.a.
T 17	7 41	14 0	0 13	2 52	2 16	10 54	1 44	6 35	0 21	8 51	0 45	11 57	2 11	24 19	0 28	23 6	0 35	18 14	1 40	13 25	13 46	13 38		n.a.
F 18	7 18	9 52	1s11	3 35	2 0	11 24	1 47	6 53	0 22	8 56	0 45	11 57	2 12	24 19	0 28	23 6	0 35	18 15	1 40	13 25	13 47	13 37		n.a.
S 19	6 55	5 6	2 29	4 21	1 42	11 53	1 51	7 11	0 23	9 0	0 44	11 56	2 12	24 19	0 28	23 6	0 35	18 15	1 40	13 26	13 48	13 35		n.a.
S 20	6 31	0 6	3 36	5 9	1 23	12 22	1 54	7 29	0 23	9 5	0 44	11 55	2 12	24 19	0 28	23 6	0 35	18 15	1 40	13 26	13 49	13 34		n.a.
M21	6 8	4n48	4 27	5 57	1 3	12 51	1 58	7 47	0 24	9 9	0 44	11 54	2 12	24 19	0 28	23 6	0 35	18 16	1 40	13 27	13 50	13 32		n.a.
T 22	5 44	9 17	5 0	6 45	0 42	13 19	2 1	8 5	0 25	9 14	0 44	11 54	2 12	24 19	0 28	23 7	0 35	18 16	1 40	13 28	13 51	13 31		n.a.
W23	5 20	13 7	5 15	7 30	0 22	13 48	2 5	8 23	0 25	9 19	0 44	11 53	2 12	24 19	0 28	23 7	0 35	18 16	1 39	13 29	13 52	13 29		n.a.
T 24	4 56	16 10	5 12	8 12	0 1	14 15	2 8	8 40	0 26	9 23	0 44	11 52	2 12	24 19	0 28	23 7	0 35	18 17	1 39	13 30	13 53	13 28		n.a.
F 25	4 32	18 18	4 53	8 50	0n18	14 43	2 11	8 58	0 27	9 28	0 43	11 51	2 12	24 19	0 28	23 7	0 35	18 17	1 39	13 30	13 54	13 27		n.a.
S 26	4 8	19 30	4 21	9 23	0 36	15 10	2 14	9 16	0 27	9 33	0 43	11 50	2 13	24 19	0 28	23 7	0 35	18 17	1 39	13 30	13 55	13 25		n.a.
S 27	3 44	19 46	3 38	9 50	0 53	15 37	2 18	9 33	0 28	9 37	0 43	11 49	2 13	24 19	0 28	23 7	0 35	18 18	1 39	13 29	13 57	13 24		n.a.
M28	3 20	19 7	2 46	10 12	1 9	16 3	2 21	9 51	0 29	9 42	0 43	11 48	2 13	24 19	0 28	23 7	0 35	18 18	1 39	13 29	13 58	13 22		n.a.
T 29	2 56	17 37	1 47	10 27	1 22	16 29	2 24	10 8	0 29	9 47	0 43	11 47	2 13	24 19	0 28	23 7	0 35	18 18	1 39	13 28	13 59	13 21		n.a.
W30	2n31	15n23	0s44	10n37	1n34	16s55	2s27	10s26	0s30	9s51	0n43	11n46	2s13	24s19	0s28	23s 7	0s35	18s19	1n38	13n28	14n 0	13n19		n.a.

Julian Day Number = 1193514.5, Delta T = 09h29m46s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'04, Lahiri = -23°54'04 Julian Calendar 1 Sept. 1446 BCE == Greg. Calendar 19 Aug. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

OCTOBER 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 45 18	24♍46'04	28♌34	7♍ 5	9♏43	26♎ 5	27♎ 2	6°R14	29♐11	18°R40	27♏21	24°R53	23♌14	26♌ 2	n.a.	T 1
F 2	23 49 15	25°46'39	10♍24	7°30	10°51	26°50	27°14	6♑11	29°12	18♑40	27°22	24♌51	23°11	26° 9	n.a.	F 2
S 3	23 53 11	26°47'17	22°19	8° 4	12° 0	27°36	27°27	6° 8	29°12	18°39	27°23	24°48	23° 8	26°16	n.a.	S 3
S 4	23 57 8	27°47'56	4♎23	8°46	13° 8	28°21	27°40	6° 5	29°13	18°39	27°25	24°44	23° 5	26°22	n.a.	S 4
M 5	0 1 4	28°48'37	16°35	9°36	14°16	29° 7	27°52	6° 1	29°14	18°38	27°26	24°38	23° 1	26°29	n.a.	M 5
T 6	0 5 1	29°49'19	28°58	10°32	15°24	29°52	28° 5	5°58	29°14	18°38	27°27	24°32	22°58	26°36	n.a.	T 6
W 7	0 8 57	0♎50'03	11♏32	11°34	16°32	0♏38	28°18	5°54	29°15	18°38	27°29	24°25	22°55	26°42	n.a.	W 7
T 8	0 12 54	1°50'49	24°18	12°41	17°40	1°23	28°31	5°51	29°16	18°38	27°30	24°19	22°52	26°49	n.a.	T 8
F 9	0 16 50	2°51'35	7♐18	13°52	18°47	2° 9	28°44	5°47	29°17	18°38	27°31	24°15	22°49	26°56	n.a.	F 9
S 10	0 20 47	3°52'23	20°34	15° 7	19°54	2°54	28°57	5°43	29°18	18°37	27°33	24°12	22°45	27° 2	n.a.	S 10
S 11	0 24 44	4°53'13	4♑ 7	16°25	21° 1	3°40	29°10	5°39	29°19	18°37	27°34	24°D11	22°42	27° 9	n.a.	S 11
M12	0 28 40	5°54'03	17°57	17°45	22° 8	4°26	29°23	5°35	29°20	18°37	27°35	24°12	22°39	27°15	n.a.	M12
T 13	0 32 37	6°54'55	2♒ 6	19° 8	23°15	5°12	29°37	5°31	29°21	18°37	27°37	24°13	22°36	27°22	n.a.	T 13
W14	0 36 33	7°55'47	16°33	20°32	24°22	5°58	29°50	5°27	29°22	18°D37	27°38	24°14	22°33	27°29	n.a.	W14
T 15	0 40 30	8°56'41	1♓15	21°59	25°28	6°44	0♏ 3	5°23	29°23	18°37	27°40	24°R14	22°30	27°35	n.a.	T 15
F 16	0 44 26	9°57'35	16° 6	23°26	26°34	7°30	0°16	5°19	29°24	18°37	27°41	24°12	22°26	27°42	n.a.	F 16
S 17	0 48 23	10°58'31	1♈ 1	24°55	27°40	8°16	0°30	5°14	29°25	18°37	27°43	24° 8	22°23	27°49	n.a.	S 17
S 18	0 52 19	11°59'28	15°50	26°24	28°46	9° 2	0°43	5°10	29°27	18°37	27°44	24° 2	22°20	27°55	n.a.	S 18
M19	0 56 16	13° 0'26	0♉26	27°55	29°51	9°48	0°56	5° 6	29°28	18°38	27°46	23°54	22°17	28° 2	n.a.	M19
T 20	1 0 13	14° 1'26	14°41	29°26	0♐57	10°34	1°10	5° 1	29°29	18°38	27°47	23°46	22°14	28° 9	n.a.	T 20
W21	1 4 9	15° 2'27	28°30	0♎57	2° 2	11°20	1°23	4°57	29°31	18°38	27°49	23°37	22°10	28°15	n.a.	W21
T 22	1 8 6	16° 3'29	11♊52	2°29	3° 6	12° 6	1°37	4°52	29°32	18°38	27°51	23°31	22° 7	28°22	n.a.	T 22
F 23	1 12 2	17° 4'33	24°48	4° 1	4°11	12°52	1°50	4°48	29°34	18°39	27°52	23°26	22° 4	28°29	n.a.	F 23
S 24	1 15 59	18° 5'38	7♋20	5°34	5°15	13°39	2° 4	4°43	29°35	18°39	27°54	23°23	22° 1	28°35	n.a.	S 24
S 25	1 19 55	19° 6'44	19°33	7° 6	6°19	14°25	2°17	4°38	29°37	18°39	27°56	23°D22	21°58	28°42	n.a.	S 25
M26	1 23 52	20° 7'52	1♌31	8°39	7°23	15°12	2°31	4°33	29°39	18°40	27°57	23°23	21°55	28°48	n.a.	M26
T 27	1 27 48	21° 9'00	13°20	10°12	8°26	15°58	2°45	4°29	29°40	18°40	27°59	23°24	21°51	28°55	n.a.	T 27
W28	1 31 45	22°10'10	25° 7	11°45	9°29	16°44	2°58	4°24	29°42	18°41	28° 1	23°R24	21°48	29° 2	n.a.	W28
T 29	1 35 42	23°11'21	6♍54	13°19	10°32	17°31	3°12	4°19	29°44	18°41	28° 3	23°23	21°45	29° 8	n.a.	T 29
F 30	1 39 38	24°12'33	18°48	14°52	11°34	18°18	3°26	4°14	29°46	18°42	28° 4	23°20	21°42	29°15	n.a.	F 30
S 31	1 43 35	25♎13'46	0♎51	16♎25	12♐36	19♏ 4	3♏39	4♑ 9	29♐48	18♑42	28♏ 6	23♌14	21♌39	29♌22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	2n 7	12n30	0n20	10n40	1n44	17s20	2s30	10s43	0s31	9s56	0n42	11n45	2s13	24s19	0s28	23s 7	0s35	18s19	1n38	13n28	14n 1	13n18			n.a.
F 2	1 42	9 6	1 24	10 39	1 53	17 45	2 32	11 1	0 31	10 1	0 42	11 44	2 13	24 19	0 28	23 7	0 35	18 20	1 38	13 28	14 2	13 16			n.a.
S 3	1 18	5 18	2 25	10 33	2 0	18 10	2 35	11 18	0 32	10 6	0 42	11 42	2 13	24 19	0 28	23 7	0 35	18 20	1 38	13 29	14 3	13 15			n.a.
S 4	0 53	1 16	3 19	10 22	2 6	18 34	2 38	11 35	0 33	10 10	0 42	11 41	2 13	24 19	0 28	23 7	0 35	18 21	1 38	13 30	14 4	13 13			n.a.
M 5	0 29	2s52	4 6	10 7	2 10	18 57	2 41	11 52	0 33	10 15	0 42	11 40	2 14	24 19	0 27	23 7	0 35	18 21	1 38	13 32	14 5	13 12			n.a.
T 6	0 4	6 56	4 41	9 48	2 13	19 20	2 43	12 9	0 34	10 20	0 42	11 39	2 14	24 19	0 27	23 7	0 35	18 21	1 38	13 35	14 6	13 11			n.a.
W 7	0s20	10 45	5 3	9 25	2 15	19 43	2 46	12 26	0 34	10 25	0 42	11 37	2 14	24 19	0 27	23 7	0 35	18 22	1 37	13 37	14 7	13 9			n.a.
T 8	0 45	14 9	5 11	9 0	2 16	20 5	2 48	12 43	0 35	10 30	0 41	11 36	2 14	24 19	0 27	23 8	0 35	18 22	1 37	13 39	14 8	13 8			n.a.
F 9	1 9	16 56	5 3	8 32	2 16	20 26	2 50	12 59	0 36	10 34	0 41	11 35	2 14	24 19	0 27	23 8	0 35	18 23	1 37	13 40	14 9	13 6			n.a.
S 10	1 34	18 53	4 39	8 2	2 15	20 47	2 53	13 16	0 36	10 39	0 41	11 33	2 14	24 19	0 27	23 8	0 35	18 23	1 37	13 41	14 10	13 5			n.a.
S 11	1 58	19 49	3 59	7 30	2 13	21 8	2 55	13 32	0 37	10 44	0 41	11 32	2 14	24 19	0 27	23 8	0 35	18 24	1 37	13 42	14 11	13 3			n.a.
M12	2 23	19 35	3 4	6 55	2 11	21 28	2 57	13 49	0 37	10 49	0 41	11 31	2 14	24 19	0 27	23 8	0 35	18 24	1 37	13 41	14 12	13 2			n.a.
T 13	2 48	18 8	1 57	6 20	2 8	21 47	2 59	14 5	0 38	10 54	0 41	11 29	2 14	24 19	0 27	23 8	0 35	18 24	1 37	13 41	14 13	13 0			n.a.
W14	3 12	15 30	0 42	5 43	2 4	22 6	3 0	14 21	0 39	10 59	0 41	11 28	2 14	24 19	0 27	23 8	0 35	18 25	1 37	13 41	14 15	12 59			n.a.
T 15	3 36	11 49	0s38	5 4	2 0	22 25	3 2	14 37	0 39	11 4	0 40	11 26	2 14	24 19	0 27	23 8	0 35	18 25	1 36	13 41	14 16	12 57			n.a.
F 16	4 1	7 21	1 56	4 25	1 56	22 42	3 4	14 53	0 40	11 8	0 40	11 25	2 14	24 19	0 27	23 8	0 35	18 26	1 36	13 41	14 17	12 56			n.a.
S 17	4 25	2 25	3 6	3 45	1 51	23 0	3 5	15 9	0 40	11 13	0 40	11 23	2 14	24 19	0 27	23 8	0 35	18 26	1 36	13 43	14 18	12 54			n.a.
S 18	4 49	2n37	4 2	3 4	1 46	23 16	3 7	15 24	0 41	11 18	0 40	11 22	2 14	24 19	0 27	23 7	0 35	18 27	1 36	13 45	14 19	12 53			n.a.
M19	5 13	7 25	4 42	2 23	1 41	23 32	3 8	15 40	0 42	11 23	0 40	11 20	2 14	24 19	0 27	23 7	0 35	18 27	1 36	13 47	14 20	12 51			n.a.
T 20	5 38	11 42	5 4	1 41	1 35	23 47	3 9	15 55	0 42	11 28	0 40	11 19	2 14	24 19	0 27	23 7	0 35	18 28	1 36	13 50	14 21	12 50			n.a.
W21	6 2	15 12	5 6	0 59	1 30	24 2	3 10	16 10	0 43	11 33	0 40	11 17	2 15	24 19	0 27	23 7	0 35	18 28	1 36	13 53	14 22	12 48			n.a.
T 22	6 26	17 47	4 52	0 16	1 24	24 16	3 11	16 25	0 43	11 38	0 40	11 16	2 15	24 19	0 27	23 7	0 35	18 29	1 35	13 55	14 23	12 47			n.a.
F 23	6 49	19 23	4 23	0s27	1 17	24 30	3 12	16 40	0 44	11 42	0 39	11 14	2 15	24 19	0 27	23 7	0 35	18 29	1 35	13 57	14 24	12 45			n.a.
S 24	7 13	19 58	3 42	1 10	1 11	24 42	3 12	16 55	0 44	11 47	0 39	11 13	2 15	24 19	0 27	23 7	0 35	18 30	1 35	13 58	14 25	12 43			n.a.
S 25	7 37	19 35	2 52	1 53	1 5	24 55	3 13	17 10	0 45	11 52	0 39	11 11	2 15	24 19	0 27	23 7	0 35	18 30	1 35	13 58	14 26	12 42			n.a.
M26	8 0	18 18	1 55	2 36	0 58	25 6	3 13	17 24	0 45	11 57	0 39	11 9	2 15	24 19	0 27	23 7	0 35	18 31	1 35	13 58	14 27	12 40			n.a.
T 27	8 24	16 15	0 54	3 19	0 52	25 17	3 14	17 38	0 46	12 2	0 39	11 8	2 15	24 19	0 27	23 7	0 35	18 31	1 35	13 57	14 28	12 39			n.a.
W28	8 47	13 31	0n 9	4 2	0 45	25 27	3 14	17 52	0 46	12 7	0 39	11 6	2 15	24 19	0 27	23 7	0 35	18 32	1 35	13 57	14 29	12 37			n.a.
T 29	9 10	10 14	1 12	4 45	0 38	25 37	3 14	18 6	0 47	12 12	0 39	11 5	2 15	24 19	0 27	23 7	0 35	18 32	1 35	13 58	14 30	12 36			n.a.
F 30	9 33	6 31	2 12	5 28	0 32	25 46	3 13	18 20	0 47	12 16	0 39	11 3	2 14	24 19	0 27	23 7	0 35	18 33	1 34	13 59	14 31	12 34			n.a.
S 31	9s56	2n30	3n 6	6s11	0n25	25s54	3s13	18s34	0s48	12s21	0n39	11n 1	2s14	24s19	0s27	23s 7	0s35	18s33	1n34	14n 1	14n32	12n33			n.a.

Julian Day Number = 1193544.5, Delta T = 09h29m44s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°01'00, Lahiri = -23°54'00 Julian Calendar 1 Oct. 1446 BCE == Greg. Calendar 18 Sept. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

NOVEMBER 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 47 31	26♎14'59	13♎ 6	17♎59	13♐38	19♏51	3♏53	4°R 4	29♐49	18♑43	28♏ 8	23°R 5	21♌36	29♌28	n.a.	S 1
M 2	1 51 28	27°16'14	25°33	19°32	14°39	20°37	4° 7	3♉59	29°51	18°44	28°10	22♌54	21°32	29°35	n.a.	M 2
T 3	1 55 24	28°17'29	8♏15	21° 6	15°40	21°24	4°21	3°54	29°53	18°44	28°12	22°42	21°29	29°42	n.a.	T 3
W 4	1 59 21	29°18'45	21° 9	22°40	16°41	22°11	4°34	3°49	29°56	18°45	28°14	22°29	21°26	29°48	n.a.	W 4
T 5	2 3 17	0♏20'01	4♐16	24°13	17°41	22°58	4°48	3°44	29°58	18°46	28°15	22°18	21°23	29°55	n.a.	T 5
F 6	2 7 14	1°21'18	17°34	25°47	18°40	23°44	5° 2	3°39	29°59	18°46	28°17	22° 8	21°20	0♍ 2	n.a.	F 6
S 7	2 11 11	2°22'35	1♑ 2	27°21	19°40	24°31	5°16	3°34	0♑ 2	18°47	28°19	22° 2	21°16	0° 8	n.a.	S 7
S 8	2 15 7	3°23'52	14°41	28°55	20°38	25°18	5°29	3°29	0° 4	18°48	28°21	21°58	21°13	0°15	n.a.	S 8
M 9	2 19 4	4°25'10	28°29	0♏30	21°37	26° 5	5°43	3°24	0° 7	18°49	28°23	21°57	21°10	0°22	n.a.	M 9
T 10	2 23 0	5°26'27	12♒28	2° 4	22°34	26°52	5°57	3°19	0° 9	18°50	28°25	21°D57	21° 7	0°28	n.a.	T 10
W11	2 26 57	6°27'45	26°37	3°38	23°32	27°39	6°11	3°14	0°11	18°51	28°27	21°R57	21° 4	0°35	n.a.	W11
T 12	2 30 53	7°29'02	10♓55	5°13	24°28	28°26	6°25	3° 9	0°14	18°52	28°29	21°55	21° 1	0°41	n.a.	T 12
F 13	2 34 50	8°30'20	25°20	6°48	25°25	29°13	6°38	3° 4	0°16	18°53	28°31	21°52	20°57	0°48	n.a.	F 13
S 14	2 38 47	9°31'37	9♈49	8°23	26°20	29°59	6°52	2°59	0°18	18°54	28°33	21°45	20°54	0°55	n.a.	S 14
S 15	2 42 43	10°32'55	24°15	9°58	27°15	0♐47	7° 6	2°54	0°21	18°55	28°35	21°36	20°51	1° 1	n.a.	S 15
M16	2 46 40	11°34'12	8♉32	11°34	28° 9	1°34	7°20	2°49	0°23	18°56	28°37	21°24	20°48	1° 8	n.a.	M16
T 17	2 50 36	12°35'30	22°35	13°10	29° 3	2°21	7°34	2°44	0°26	18°57	28°39	21°12	20°45	1°15	n.a.	T 17
W18	2 54 33	13°36'48	6♊18	14°46	29°56	3° 8	7°47	2°39	0°29	18°58	28°41	20°59	20°42	1°21	n.a.	W18
T 19	2 58 29	14°38'06	19°38	16°22	0♑48	3°55	8° 1	2°35	0°31	19° 0	28°43	20°48	20°38	1°28	n.a.	T 19
F 20	3 2 26	15°39'24	2♋34	17°59	1°39	4°42	8°15	2°30	0°34	19° 1	28°45	20°39	20°35	1°35	n.a.	F 20
S 21	3 6 22	16°40'42	15° 8	19°36	2°30	5°29	8°29	2°25	0°37	19° 2	28°47	20°33	20°32	1°41	n.a.	S 21
S 22	3 10 19	17°42'01	27°23	21°13	3°20	6°17	8°42	2°20	0°39	19° 3	28°49	20°30	20°29	1°48	n.a.	S 22
M23	3 14 16	18°43'19	9♌24	22°51	4° 9	7° 4	8°56	2°16	0°42	19° 5	28°51	20°29	20°26	1°55	n.a.	M23
T 24	3 18 12	19°44'38	21°14	24°29	4°57	7°51	9°10	2°11	0°45	19° 6	28°53	20°29	20°22	2° 1	n.a.	T 24
W25	3 22 9	20°45'56	3♍ 2	26° 7	5°44	8°38	9°23	2° 6	0°48	19° 7	28°55	20°29	20°19	2° 8	n.a.	W25
T 26	3 26 5	21°47'15	14°51	27°45	6°30	9°25	9°37	2° 2	0°51	19° 9	28°57	20°27	20°16	2°15	n.a.	T 26
F 27	3 30 2	22°48'33	26°47	29°24	7°15	10°13	9°51	1°57	0°53	19°10	28°59	20°23	20°13	2°21	n.a.	F 27
S 28	3 33 58	23°49'52	8♎55	1♐ 3	8° 0	11° 0	10° 4	1°53	0°56	19°12	29° 1	20°17	20°10	2°28	n.a.	S 28
S 29	3 37 55	24°51'10	21°18	2°43	8°43	11°47	10°18	1°48	0°59	19°13	29° 3	20° 7	20° 7	2°34	n.a.	S 29
M30	3 41 52	25♏52'28	3♏59	4♐22	9♑25	12♐35	10♏32	1♉44	1♑ 2	19♑15	29♏ 5	19♌55	20♌ 3	2♍41	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s18	1s42	3n53	6s54	0n18	26s 1	3s12	18s47	0s48	12s26	0n38	11n 0	2s14	24s19	0s27	23s 7	0s35	18s34	1n34	14n 4	14n33	12n31		n.a.
M 2	10 41	5 53	4 29	7 36	0 12	26 8	3 12	19 0	0 49	12 31	0 38	10 58	2 14	24 19	0 27	23 7	0 35	18 34	1 34	14 7	14 34	12 30		n.a.
T 3	11 3	9 53	4 53	8 18	0 5	26 14	3 11	19 13	0 49	12 36	0 38	10 56	2 14	24 19	0 27	23 6	0 35	18 35	1 34	14 12	14 35	12 28		n.a.
W 4	11 25	13 30	5 2	9 0	0s 2	26 20	3 10	19 26	0 50	12 40	0 38	10 55	2 14	24 19	0 27	23 6	0 35	18 35	1 34	14 16	14 36	12 26		n.a.
T 5	11 47	16 31	4 56	9 41	0 8	26 25	3 9	19 39	0 50	12 45	0 38	10 53	2 14	24 19	0 27	23 6	0 35	18 36	1 34	14 19	14 38	12 25		n.a.
F 6	12 9	18 44	4 34	10 22	0 15	26 29	3 7	19 51	0 51	12 50	0 38	10 51	2 14	24 19	0 27	23 6	0 35	18 37	1 34	14 23	14 39	12 23		n.a.
S 7	12 31	19 56	3 56	11 3	0 21	26 32	3 6	20 4	0 51	12 55	0 38	10 50	2 14	24 19	0 27	23 6	0 35	18 37	1 34	14 25	14 40	12 22		n.a.
S 8	12 52	19 59	3 4	11 43	0 28	26 35	3 4	20 16	0 52	13 0	0 38	10 48	2 14	24 19	0 27	23 6	0 35	18 38	1 33	14 26	14 41	12 20		n.a.
M 9	13 13	18 51	2 1	12 22	0 34	26 37	3 2	20 28	0 52	13 4	0 38	10 46	2 14	24 19	0 27	23 6	0 35	18 38	1 33	14 26	14 42	12 19		n.a.
T 10	13 34	16 34	0 50	13 2	0 40	26 38	3 0	20 39	0 53	13 9	0 38	10 45	2 14	24 19	0 27	23 6	0 35	18 39	1 33	14 26	14 43	12 17		n.a.
W11	13 55	13 15	0s25	13 40	0 46	26 39	2 57	20 51	0 53	13 14	0 37	10 43	2 14	24 19	0 27	23 5	0 35	18 39	1 33	14 26	14 44	12 15		n.a.
T 12	14 15	9 7	1 39	14 18	0 52	26 39	2 55	21 2	0 53	13 18	0 37	10 41	2 14	24 19	0 27	23 5	0 35	18 40	1 33	14 27	14 45	12 14		n.a.
F 13	14 35	4 26	2 47	14 56	0 58	26 39	2 52	21 13	0 54	13 23	0 37	10 40	2 14	24 19	0 27	23 5	0 35	18 40	1 33	14 28	14 46	12 12		n.a.
S 14	14 55	0n31	3 45	15 33	1 3	26 38	2 49	21 23	0 54	13 28	0 37	10 38	2 13	24 19	0 27	23 5	0 35	18 41	1 33	14 30	14 47	12 11		n.a.
S 15	15 15	5 25	4 28	16 9	1 9	26 36	2 46	21 34	0 55	13 32	0 37	10 37	2 13	24 19	0 27	23 5	0 35	18 41	1 33	14 33	14 48	12 9		n.a.
M16	15 34	9 58	4 53	16 45	1 14	26 34	2 43	21 44	0 55	13 37	0 37	10 35	2 13	24 19	0 27	23 5	0 35	18 42	1 33	14 37	14 49	12 8		n.a.
T 17	15 53	13 54	5 1	17 19	1 19	26 31	2 39	21 54	0 55	13 42	0 37	10 33	2 13	24 19	0 27	23 4	0 35	18 43	1 32	14 41	14 50	12 6		n.a.
W18	16 12	16 59	4 50	17 53	1 24	26 27	2 35	22 4	0 56	13 46	0 37	10 32	2 13	24 19	0 27	23 4	0 35	18 43	1 32	14 45	14 51	12 4		n.a.
T 19	16 31	19 4	4 24	18 27	1 29	26 23	2 31	22 14	0 56	13 51	0 37	10 30	2 13	24 19	0 27	23 4	0 35	18 44	1 32	14 49	14 52	12 3		n.a.
F 20	16 49	20 5	3 45	18 59	1 33	26 18	2 27	22 23	0 57	13 56	0 37	10 29	2 13	24 19	0 27	23 4	0 35	18 44	1 32	14 52	14 53	12 1		n.a.
S 21	17 7	20 5	2 56	19 30	1 38	26 13	2 22	22 32	0 57	14 0	0 37	10 27	2 13	24 19	0 27	23 4	0 35	18 45	1 32	14 54	14 54	11 59		n.a.
S 22	17 25	19 6	1 59	20 1	1 42	26 7	2 18	22 41	0 57	14 5	0 37	10 26	2 12	24 19	0 27	23 4	0 35	18 45	1 32	14 55	14 55	11 58		n.a.
M23	17 42	17 17	0 58	20 30	1 46	26 0	2 13	22 49	0 58	14 9	0 36	10 24	2 12	24 18	0 27	23 3	0 35	18 46	1 32	14 55	14 56	11 56		n.a.
T 24	17 59	14 44	0n 4	20 59	1 49	25 53	2 7	22 58	0 58	14 14	0 36	10 23	2 12	24 18	0 27	23 3	0 35	18 46	1 32	14 55	14 57	11 55		n.a.
W25	18 16	11 36	1 6	21 26	1 52	25 46	2 2	23 6	0 58	14 18	0 36	10 21	2 12	24 18	0 27	23 3	0 35	18 47	1 32	14 55	14 58	11 53		n.a.
T 26	18 32	7 59	2 5	21 52	1 55	25 38	1 56	23 13	0 59	14 23	0 36	10 20	2 12	24 18	0 27	23 3	0 35	18 48	1 31	14 56	14 59	11 51		n.a.
F 27	18 48	4 2	3 0	22 17	1 58	25 29	1 50	23 21	0 59	14 27	0 36	10 18	2 12	24 18	0 27	23 3	0 35	18 48	1 31	14 57	15 0	11 50		n.a.
S 28	19 4	0s 8	3 47	22 41	2 0	25 20	1 43	23 28	0 59	14 32	0 36	10 17	2 11	24 18	0 27	23 2	0 35	18 49	1 31	14 59	15 1	11 48		n.a.
S 29	19 19	4 23	4 24	23 3	2 2	25 11	1 37	23 35	1 0	14 36	0 36	10 16	2 11	24 18	0 27	23 2	0 35	18 49	1 31	15 2	15 2	11 46		n.a.
M30	19s34	8s32	4n49	23s24	2s 3	25s 1	1s30	23s42	1s 0	14s40	0n36	10n14	2s11	24s18	0s27	23s 2	0s35	18s50	1n31	15n 6	15n 3	11n45		n.a.

Julian Day Number = 1193575.5, Delta T = 09h29m42s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'56, Lahiri = -23°53'56 Julian Calendar 1 Nov. 1446 BCE == Greg. Calendar 19 Oct. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1446 BCE
geocentric

DECEMBER 1446 BCE (-1445) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 45 48	26♏53'45	16♏58	6♐ 2	10♑ 6	13♐22	10♏45	1°R40	1♑ 5	19♑16	29♏ 7	19°R42	20♌ 0	2♍48	n.a.	T 1
W 2	3 49 45	27°55'02	0♐14	7°42	10°45	14° 9	10°59	1♉35	1° 8	19°18	29° 9	19♌28	19°57	2°54	n.a.	W 2
T 3	3 53 41	28°56'19	13°45	9°22	11°24	14°57	11°12	1°31	1°11	19°19	29°12	19°16	19°54	3° 1	n.a.	T 3
F 4	3 57 38	29°57'35	27°29	11° 2	12° 1	15°44	11°26	1°27	1°14	19°21	29°14	19° 5	19°51	3° 8	n.a.	F 4
S 5	4 1 34	0♐58'50	11♑21	12°42	12°37	16°31	11°39	1°23	1°18	19°23	29°16	18°57	19°47	3°14	n.a.	S 5
S 6	4 5 31	2° 0'04	25°20	14°22	13°11	17°19	11°53	1°19	1°21	19°24	29°18	18°53	19°44	3°21	n.a.	S 6
M 7	4 9 27	3° 1'18	9♒21	16° 1	13°44	18° 6	12° 6	1°15	1°24	19°26	29°20	18°51	19°41	3°28	n.a.	M 7
T 8	4 13 24	4° 2'30	23°25	17°40	14°15	18°53	12°19	1°11	1°27	19°28	29°22	18°D51	19°38	3°34	n.a.	T 8
W 9	4 17 21	5° 3'41	7♓29	19°18	14°45	19°41	12°33	1° 8	1°30	19°29	29°24	18°R51	19°35	3°41	n.a.	W 9
T 10	4 21 17	6° 4'51	21°34	20°55	15°13	20°28	12°46	1° 4	1°33	19°31	29°26	18°50	19°32	3°48	n.a.	T 10
F 11	4 25 14	7° 6'00	5♈39	22°31	15°39	21°16	12°59	1° 0	1°37	19°33	29°28	18°47	19°28	3°54	n.a.	F 11
S 12	4 29 10	8° 7'07	19°41	24° 5	16° 4	22° 3	13°12	0°57	1°40	19°35	29°30	18°41	19°25	4° 1	n.a.	S 12
S 13	4 33 7	9° 8'14	3♉39	25°38	16°26	22°50	13°25	0°54	1°43	19°36	29°32	18°33	19°22	4° 8	n.a.	S 13
M14	4 37 3	10° 9'19	17°29	27° 7	16°47	23°38	13°39	0°50	1°46	19°38	29°34	18°22	19°19	4°14	n.a.	M14
T 15	4 41 0	11°10'23	1♊ 7	28°34	17° 6	24°25	13°52	0°47	1°50	19°40	29°36	18°10	19°16	4°21	n.a.	T 15
W16	4 44 57	12°11'26	14°30	29°57	17°22	25°12	14° 5	0°44	1°53	19°42	29°38	17°59	19°13	4°28	n.a.	W16
T 17	4 48 53	13°12'29	27°36	1♑16	17°37	26° 0	14°18	0°41	1°56	19°44	29°40	17°48	19° 9	4°34	n.a.	T 17
F 18	4 52 50	14°13'30	10♋24	2°31	17°49	26°47	14°31	0°38	2° 0	19°46	29°42	17°40	19° 6	4°41	n.a.	F 18
S 19	4 56 46	15°14'30	22°54	3°39	17°59	27°34	14°43	0°35	2° 3	19°48	29°44	17°34	19° 3	4°48	n.a.	S 19
S 20	5 0 43	16°15'29	5♌ 7	4°42	18° 7	28°22	14°56	0°32	2° 6	19°50	29°46	17°31	19° 0	4°54	n.a.	S 20
M21	5 4 39	17°16'26	17° 7	5°37	18°12	29° 9	15° 9	0°30	2°10	19°52	29°48	17°D30	18°57	5° 1	n.a.	M21
T 22	5 8 36	18°17'23	28°59	6°24	18°15	29°56	15°22	0°27	2°13	19°54	29°50	17°31	18°53	5° 7	n.a.	T 22
W23	5 12 32	19°18'19	10♍47	7° 2	18°R16	0♑44	15°34	0°25	2°17	19°56	29°52	17°32	18°50	5°14	n.a.	W23
T 24	5 16 29	20°19'14	22°37	7°31	18°14	1°31	15°47	0°23	2°20	19°58	29°54	17°R32	18°47	5°21	n.a.	T 24
F 25	5 20 26	21°20'07	4♎33	7°50	18° 9	2°18	16° 0	0°20	2°23	20° 0	29°56	17°31	18°44	5°27	n.a.	F 25
S 26	5 24 22	22°21'00	16°42	7°R58	18° 2	3° 6	16°12	0°18	2°27	20° 2	29°58	17°28	18°41	5°34	n.a.	S 26
S 27	5 28 19	23°21'51	29° 8	7°55	17°53	3°53	16°24	0°16	2°30	20° 4	0♐ 0	17°22	18°38	5°41	n.a.	S 27
M28	5 32 15	24°22'41	11♏54	7°41	17°41	4°40	16°37	0°14	2°34	20° 6	0° 2	17°15	18°34	5°47	n.a.	M28
T 29	5 36 12	25°23'30	25° 3	7°17	17°26	5°28	16°49	0°12	2°37	20° 8	0° 4	17° 6	18°31	5°54	n.a.	T 29
W30	5 40 8	26°24'18	8♐34	6°42	17° 9	6°15	17° 1	0°11	2°41	20°10	0° 6	16°57	18°28	6° 1	n.a.	W30
T 31	5 44 5	27♐25'04	22♐25	5♑57	16♑50	7♑ 2	17♏13	0♉ 9	2♑44	20♑12	0♐ 8	16♌48	18♌25	6♍ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19s48	12s24	5n 0	23s44	2s 4	24s51	1s23	23s48	1s 0	14s45	0n36	10n13	2s11	24s18	0s27	23s 2	0s35	18s50	1n31	15n10	15n 4	11n43			n.a.
W 2	20 3	15 45	4 55	24 1	2 4	24 40	1 15	23 54	1 1	14 49	0 36	10 12	2 11	24 18	0 27	23 1	0 35	18 51	1 31	15 14	15 5	11 42			n.a.
T 3	20 17	18 19	4 34	24 18	2 4	24 29	1 7	24 0	1 1	14 53	0 36	10 10	2 10	24 18	0 27	23 1	0 35	18 51	1 31	15 19	15 6	11 40			n.a.
F 4	20 30	19 54	3 56	24 32	2 4	24 18	0 59	24 6	1 1	14 58	0 36	10 9	2 10	24 18	0 27	23 1	0 35	18 52	1 31	15 22	15 7	11 38			n.a.
S 5	20 43	20 18	3 5	24 45	2 3	24 6	0 51	24 11	1 1	15 2	0 36	10 8	2 10	24 18	0 27	23 1	0 35	18 52	1 31	15 24	15 8	11 37			n.a.
S 6	20 56	19 28	2 1	24 56	2 1	23 54	0 42	24 16	1 2	15 6	0 35	10 7	2 10	24 18	0 27	23 0	0 35	18 53	1 31	15 26	15 9	11 35			n.a.
M 7	21 8	17 25	0 50	25 5	1 59	23 41	0 33	24 21	1 2	15 11	0 35	10 6	2 10	24 18	0 27	23 0	0 35	18 54	1 30	15 26	15 10	11 33			n.a.
T 8	21 20	14 20	0s24	25 12	1 56	23 29	0 24	24 25	1 2	15 15	0 35	10 4	2 9	24 18	0 27	23 0	0 35	18 54	1 30	15 26	15 11	11 32			n.a.
W 9	21 31	10 25	1 37	25 17	1 52	23 16	0 14	24 29	1 2	15 19	0 35	10 3	2 9	24 18	0 27	23 0	0 35	18 55	1 30	15 26	15 12	11 30			n.a.
T 10	21 42	5 54	2 44	25 20	1 48	23 3	0 4	24 33	1 3	15 23	0 35	10 2	2 9	24 18	0 27	22 59	0 35	18 55	1 30	15 27	15 13	11 28			n.a.
F 11	21 53	1 6	3 41	25 21	1 43	22 49	0n 6	24 37	1 3	15 27	0 35	10 1	2 9	24 18	0 27	22 59	0 35	18 56	1 30	15 28	15 14	11 27			n.a.
S 12	22 3	3n45	4 25	25 20	1 37	22 36	0 17	24 40	1 3	15 31	0 35	10 0	2 9	24 18	0 27	22 59	0 35	18 56	1 30	15 29	15 15	11 25			n.a.
S 13	22 13	8 23	4 52	25 17	1 30	22 22	0 28	24 43	1 3	15 35	0 35	9 59	2 8	24 18	0 27	22 59	0 35	18 57	1 30	15 32	15 16	11 23			n.a.
M14	22 22	12 31	5 2	25 12	1 22	22 8	0 39	24 46	1 3	15 39	0 35	9 58	2 8	24 18	0 27	22 58	0 35	18 57	1 30	15 35	15 17	11 22			n.a.
T 15	22 31	15 56	4 55	25 5	1 14	21 54	0 51	24 48	1 4	15 43	0 35	9 57	2 8	24 18	0 27	22 58	0 35	18 58	1 30	15 39	15 18	11 20			n.a.
W16	22 39	18 27	4 31	24 56	1 4	21 40	1 3	24 50	1 4	15 47	0 35	9 57	2 8	24 18	0 27	22 58	0 35	18 58	1 30	15 43	15 19	11 18			n.a.
T 17	22 47	19 57	3 53	24 45	0 53	21 26	1 15	24 52	1 4	15 51	0 35	9 56	2 7	24 18	0 27	22 58	0 35	18 59	1 30	15 46	15 20	11 17			n.a.
F 18	22 55	20 23	3 5	24 32	0 42	21 12	1 28	24 54	1 4	15 55	0 35	9 55	2 7	24 18	0 27	22 57	0 35	18 59	1 29	15 49	15 22	11 15			n.a.
S 19	23 2	19 47	2 8	24 18	0 29	20 58	1 41	24 55	1 4	15 59	0 35	9 54	2 7	24 18	0 27	22 57	0 35	19 0	1 29	15 50	15 23	11 13			n.a.
S 20	23 8	18 16	1 6	24 2	0 15	20 44	1 54	24 56	1 5	16 3	0 35	9 53	2 7	24 17	0 27	22 57	0 35	19 0	1 29	15 51	15 24	11 12			n.a.
M21	23 14	15 57	0 2	23 45	0 1	20 30	2 7	24 56	1 5	16 7	0 35	9 53	2 6	24 17	0 27	22 56	0 35	19 1	1 29	15 52	15 25	11 10			n.a.
T 22	23 20	12 59	1n 1	23 27	0n15	20 16	2 21	24 57	1 5	16 11	0 35	9 52	2 6	24 17	0 27	22 56	0 35	19 1	1 29	15 51	15 26	11 8			n.a.
W23	23 25	9 31	2 2	23 9	0 31	20 2	2 35	24 57	1 5	16 15	0 34	9 52	2 6	24 17	0 27	22 56	0 35	19 2	1 29	15 51	15 27	11 6			n.a.
T 24	23 30	5 41	2 57	22 50	0 48	19 48	2 49	24 56	1 5	16 18	0 34	9 51	2 5	24 17	0 27	22 55	0 35	19 2	1 29	15 51	15 28	11 5			n.a.
F 25	23 34	1 35	3 45	22 32	1 6	19 35	3 4	24 56	1 5	16 22	0 34	9 50	2 5	24 17	0 27	22 55	0 35	19 3	1 29	15 51	15 29	11 3			n.a.
S 26	23 38	2s37	4 24	22 13	1 24	19 21	3 18	24 55	1 5	16 26	0 34	9 50	2 5	24 17	0 27	22 55	0 35	19 3	1 29	15 52	15 30	11 1			n.a.
S 27	23 42	6 49	4 51	21 55	1 42	19 8	3 33	24 54	1 6	16 29	0 34	9 49	2 5	24 17	0 27	22 55	0 35	19 4	1 29	15 54	15 31	11 0			n.a.
M28	23 44	10 50	5 5	21 38	2 0	18 55	3 47	24 52	1 6	16 33	0 34	9 49	2 4	24 17	0 27	22 54	0 35	19 4	1 29	15 56	15 32	10 58			n.a.
T 29	23 47	14 27	5 4	21 22	2 18	18 42	4 2	24 51	1 6	16 37	0 34	9 49	2 4	24 17	0 27	22 54	0 35	19 5	1 29	15 59	15 33	10 56			n.a.
W30	23 49	17 25	4 45	21 7	2 35	18 30	4 17	24 49	1 6	16 40	0 34	9 48	2 4	24 17	0 27	22 54	0 35	19 5	1 29	16 2	15 34	10 54			n.a.
T 31	23s50	19s29	4n10	20s53	2n51	18s17	4n32	24s46	1s 6	16s44	0n34	9n48	2s 4	24s17	0s27	22s53	0s35	19s 6	1n28	16n 5	15n35	10n53			n.a.

Julian Day Number = 1193605.5, Delta T = 09h29m40s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'52, Lahiri = -23°53'51 Julian Calendar 1 Dec. 1446 BCE == Greg. Calendar 18 Nov. 1446 BCE

The year -1445 astronomical counting style corresponds to year 1446 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

JANUARY 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 48 1	28♐25'48	6♑33	5°R 4	16°R28	7♑49	17♏26	0°R 8	2♑47	20♑15	0♐10	16°R41	18♌22	6♍14	n.a.	F 1
S 2	5 51 58	29°26'31	20°53	4♑ 5	16♑ 4	8°37	17°38	0♉ 6	2°51	20°17	0°12	16♌36	18°19	6°21	n.a.	S 2
S 3	5 55 55	0♑27'13	5♒19	3° 0	15°38	9°24	17°49	0° 5	2°54	20°19	0°13	16°34	18°15	6°27	n.a.	S 3
M 4	5 59 51	1°27'52	19°45	1°52	15° 9	10°11	18° 1	0° 4	2°58	20°21	0°15	16°D33	18°12	6°34	n.a.	M 4
T 5	6 3 48	2°28'29	4♓ 8	0°42	14°39	10°58	18°13	0° 3	3° 1	20°23	0°17	16°34	18° 9	6°41	n.a.	T 5
W 6	6 7 44	3°29'05	18°24	29♐33	14° 7	11°45	18°25	0° 2	3° 5	20°25	0°19	16°35	18° 6	6°47	n.a.	W 6
T 7	6 11 41	4°29'38	2♈31	28°26	13°34	12°32	18°36	0° 1	3° 8	20°28	0°21	16°R36	18° 3	6°54	n.a.	T 7
F 8	6 15 37	5°30'09	16°28	27°23	12°59	13°20	18°48	0° 1	3°12	20°30	0°22	16°36	17°59	7° 1	n.a.	F 8
S 9	6 19 34	6°30'38	0♉15	26°24	12°23	14° 7	18°59	0° 0	3°15	20°32	0°24	16°33	17°56	7° 7	n.a.	S 9
S 10	6 23 30	7°31'05	13°51	25°32	11°47	14°54	19°11	29♈59	3°19	20°34	0°26	16°29	17°53	7°14	n.a.	S 10
M11	6 27 27	8°31'30	27°15	24°46	11° 9	15°41	19°22	29°59	3°22	20°36	0°28	16°23	17°50	7°21	n.a.	M11
T 12	6 31 24	9°31'53	10♊27	24° 7	10°31	16°28	19°33	29°59	3°26	20°39	0°29	16°17	17°47	7°27	n.a.	T 12
W13	6 35 20	10°32'14	23°26	23°36	9°54	17°15	19°44	29°D59	3°29	20°41	0°31	16°11	17°44	7°34	n.a.	W13
T 14	6 39 17	11°32'33	6♋11	23°12	9°16	18° 2	19°55	29°59	3°33	20°43	0°33	16° 5	17°40	7°41	n.a.	T 14
F 15	6 43 13	12°32'51	18°43	22°56	8°39	18°49	20° 6	29°59	3°36	20°45	0°34	16° 1	17°37	7°47	n.a.	F 15
S 16	6 47 10	13°33'06	1♌ 1	22°46	8° 2	19°36	20°17	29°59	3°39	20°48	0°36	15°58	17°34	7°54	n.a.	S 16
S 17	6 51 6	14°33'19	13° 8	22°D44	7°26	20°22	20°28	29°59	3°43	20°50	0°38	15°D57	17°31	8° 0	n.a.	S 17
M18	6 55 3	15°33'31	25° 5	22°48	6°52	21° 9	20°39	0♉ 0	3°46	20°52	0°39	15°57	17°28	8° 7	n.a.	M18
T 19	6 58 59	16°33'40	6♍56	22°59	6°19	21°56	20°49	0° 1	3°50	20°55	0°41	15°58	17°25	8°14	n.a.	T 19
W20	7 2 56	17°33'48	18°44	23°15	5°47	22°43	21° 0	0° 2	3°53	20°57	0°42	16° 0	17°21	8°20	n.a.	W20
T 21	7 6 53	18°33'54	0♎34	23°37	5°18	23°30	21°10	0° 2	3°56	20°59	0°44	16° 2	17°18	8°27	n.a.	T 21
F 22	7 10 49	19°33'58	12°30	24° 4	4°50	24°16	21°20	0° 3	4° 0	21° 1	0°45	16° 3	17°15	8°34	n.a.	F 22
S 23	7 14 46	20°34'01	24°38	24°36	4°24	25° 3	21°30	0° 4	4° 3	21° 4	0°47	16°R 3	17°12	8°40	n.a.	S 23
S 24	7 18 42	21°34'01	7♏ 2	25°12	4° 0	25°50	21°40	0° 5	4° 7	21° 6	0°48	16° 2	17° 9	8°47	n.a.	S 24
M25	7 22 39	22°34'00	19°46	25°53	3°39	26°37	21°50	0° 7	4°10	21° 8	0°50	16° 0	17° 5	8°54	n.a.	M25
T 26	7 26 35	23°33'57	2♐54	26°37	3°20	27°23	22° 0	0° 8	4°13	21°10	0°51	15°57	17° 2	9° 0	n.a.	T 26
W27	7 30 32	24°33'53	16°28	27°25	3° 3	28°10	22°10	0°10	4°17	21°13	0°52	15°54	16°59	9° 7	n.a.	W27
T 28	7 34 28	25°33'46	0♑27	28°16	2°49	28°56	22°20	0°11	4°20	21°15	0°54	15°51	16°56	9°14	n.a.	T 28
F 29	7 38 25	26°33'38	14°49	29°11	2°38	29°43	22°29	0°13	4°23	21°17	0°55	15°49	16°53	9°20	n.a.	F 29
S 30	7 42 22	27°33'27	29°28	0♑ 8	2°29	0♒29	22°38	0°15	4°26	21°20	0°57	15°47	16°50	9°27	n.a.	S 30
S 31	7 46 18	28♑33'14	14♒18	1♑ 8	2♑22	1♒16	22♏48	0♉17	4♑30	21♑22	0♐58	15°D47	16♌46	9♍34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s51	20s23	3n19	20s41	3n 5	18s 6	4n46	24s44	1s 6	16s47	0n34	9n48	2s 3	24s17	0s27	22s53	0s35	19s 6	1n28	16n 7	15n36	10n51		n.a.
S 2	23 52	20 0	2 14	20 30	3 18	17 54	5 1	24 41	1 6	16 51	0 34	9 48	2 3	24 17	0 27	22 53	0 35	19 7	1 28	16 8	15 37	10 49		n.a.
S 3	23 52	18 18	1 0	20 21	3 29	17 43	5 15	24 37	1 6	16 54	0 34	9 47	2 3	24 17	0 27	22 52	0 35	19 7	1 28	16 9	15 38	10 48		n.a.
M 4	23 51	15 26	0s17	20 13	3 38	17 33	5 29	24 34	1 6	16 58	0 34	9 47	2 2	24 17	0 27	22 52	0 35	19 8	1 28	16 9	15 39	10 46		n.a.
T 5	23 50	11 37	1 34	20 8	3 44	17 22	5 42	24 30	1 6	17 1	0 34	9 47	2 2	24 16	0 27	22 52	0 35	19 8	1 28	16 9	15 40	10 44		n.a.
W 6	23 49	7 10	2 44	20 4	3 48	17 13	5 55	24 26	1 6	17 4	0 34	9 47	2 2	24 16	0 27	22 51	0 35	19 9	1 28	16 8	15 41	10 42		n.a.
T 7	23 47	2 23	3 43	20 1	3 50	17 4	6 8	24 22	1 6	17 8	0 34	9 47	2 2	24 16	0 27	22 51	0 35	19 9	1 28	16 8	15 42	10 41		n.a.
F 8	23 45	2n28	4 29	20 1	3 49	16 55	6 20	24 17	1 6	17 11	0 34	9 47	2 1	24 16	0 27	22 51	0 35	19 9	1 28	16 8	15 42	10 39		n.a.
S 9	23 42	7 7	4 58	20 2	3 47	16 47	6 31	24 12	1 6	17 14	0 34	9 47	2 1	24 16	0 27	22 50	0 35	19 10	1 28	16 9	15 43	10 37		n.a.
S 10	23 39	11 21	5 10	20 5	3 42	16 39	6 42	24 7	1 6	17 17	0 34	9 47	2 1	24 16	0 27	22 50	0 35	19 10	1 28	16 10	15 44	10 35		n.a.
M11	23 35	14 57	5 5	20 9	3 36	16 33	6 52	24 1	1 6	17 20	0 34	9 47	2 0	24 16	0 27	22 50	0 35	19 11	1 28	16 12	15 45	10 34		n.a.
T 12	23 31	17 44	4 44	20 15	3 29	16 26	7 1	23 56	1 6	17 24	0 34	9 48	2 0	24 16	0 27	22 49	0 35	19 11	1 28	16 14	15 46	10 32		n.a.
W13	23 26	19 34	4 8	20 22	3 20	16 21	7 10	23 50	1 6	17 27	0 34	9 48	2 0	24 16	0 27	22 49	0 35	19 12	1 28	16 16	15 47	10 30		n.a.
T 14	23 21	20 23	3 20	20 31	3 11	16 16	7 17	23 43	1 6	17 30	0 34	9 48	1 59	24 16	0 27	22 49	0 35	19 12	1 27	16 18	15 48	10 28		n.a.
F 15	23 16	20 10	2 23	20 40	3 0	16 11	7 24	23 37	1 6	17 33	0 34	9 49	1 59	24 16	0 27	22 48	0 35	19 12	1 27	16 19	15 49	10 27		n.a.
S 16	23 10	18 58	1 21	20 51	2 49	16 8	7 30	23 30	1 6	17 36	0 33	9 49	1 59	24 16	0 27	22 48	0 35	19 13	1 27	16 20	15 50	10 25		n.a.
S 17	23 3	16 56	0 15	21 2	2 38	16 5	7 35	23 23	1 6	17 39	0 33	9 49	1 59	24 15	0 27	22 48	0 35	19 13	1 27	16 20	15 51	10 23		n.a.
M18	22 56	14 10	0n50	21 14	2 26	16 2	7 39	23 15	1 6	17 42	0 33	9 50	1 58	24 15	0 27	22 47	0 35	19 14	1 27	16 20	15 52	10 21		n.a.
T 19	22 49	10 52	1 53	21 27	2 14	16 1	7 42	23 8	1 6	17 44	0 33	9 50	1 58	24 15	0 27	22 47	0 35	19 14	1 27	16 20	15 53	10 19		n.a.
W20	22 41	7 8	2 51	21 40	2 2	16 0	7 44	23 0	1 6	17 47	0 33	9 51	1 58	24 15	0 27	22 47	0 35	19 14	1 27	16 19	15 54	10 18		n.a.
T 21	22 33	3 9	3 41	21 53	1 50	16 0	7 46	22 52	1 6	17 50	0 33	9 51	1 57	24 15	0 27	22 46	0 35	19 15	1 27	16 19	15 55	10 16		n.a.
F 22	22 24	1s 0	4 23	22 6	1 37	16 0	7 47	22 43	1 6	17 53	0 33	9 52	1 57	24 15	0 27	22 46	0 35	19 15	1 27	16 18	15 56	10 14		n.a.
S 23	22 15	5 10	4 53	22 20	1 25	16 1	7 46	22 35	1 6	17 55	0 33	9 53	1 57	24 15	0 27	22 46	0 35	19 16	1 27	16 18	15 57	10 12		n.a.
S 24	22 6	9 12	5 11	22 33	1 14	16 3	7 46	22 26	1 6	17 58	0 33	9 53	1 57	24 15	0 27	22 45	0 35	19 16	1 27	16 19	15 58	10 11		n.a.
M25	21 56	12 57	5 14	22 46	1 2	16 5	7 44	22 17	1 6	18 1	0 33	9 54	1 56	24 15	0 27	22 45	0 35	19 16	1 27	16 19	15 59	10 9		n.a.
T 26	21 46	16 11	5 2	22 59	0 50	16 8	7 42	22 7	1 6	18 3	0 33	9 55	1 56	24 15	0 27	22 45	0 35	19 17	1 27	16 20	16 0	10 7		n.a.
W27	21 35	18 39	4 32	23 11	0 39	16 11	7 39	21 58	1 6	18 6	0 33	9 56	1 56	24 15	0 27	22 44	0 35	19 17	1 27	16 21	16 1	10 5		n.a.
T 28	21 24	20 7	3 45	23 23	0 28	16 15	7 35	21 48	1 5	18 9	0 33	9 56	1 55	24 14	0 27	22 44	0 35	19 17	1 27	16 22	16 2	10 3		n.a.
F 29	21 13	20 19	2 43	23 34	0 18	16 19	7 31	21 38	1 5	18 11	0 33	9 57	1 55	24 14	0 27	22 43	0 35	19 18	1 27	16 23	16 3	10 2		n.a.
S 30	21 1	19 10	1 29	23 45	0 7	16 24	7 26	21 28	1 5	18 13	0 33	9 58	1 55	24 14	0 27	22 43	0 35	19 18	1 26	16 23	16 4	10 0		n.a.
S 31	20s49	16s42	0n 8	23s54	0s 3	16s29	7n21	21s17	1s 5	18s16	0n33	9n59	1s55	24s14	0s27	22s43	0s35	19s18	1n26	16n23	16n 5	9n58		n.a.

Julian Day Number = 1193636.5, Delta T = 09h29m39s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'48, Lahiri = -23°53'47 Julian Calendar 1 Jan. 1445 BCE == Greg. Calendar 19 Dec. 1446 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

FEBRUARY 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 50 15	29♉32'59	29♒11	2♉11	2°R18	2♒ 2	22♏57	0♉19	4♉33	21♉24	0♐59	15♌47	16♌43	9♍40	n.a.	M 1
T 2	7 54 11	0♒32'41	13♓59	3°16	2°D16	2°49	23° 6	0°21	4°36	21°26	1° 0	15°48	16°40	9°47	n.a.	T 2
W 3	7 58 8	1°32'22	28°36	4°23	2♉16	3°35	23°15	0°23	4°39	21°29	1° 2	15°49	16°37	9°54	n.a.	W 3
T 4	8 2 4	2°31'59	12♈59	5°33	2°19	4°21	23°23	0°25	4°42	21°31	1° 3	15°50	16°34	10° 0	n.a.	T 4
F 5	8 6 1	3°31'34	27° 3	6°44	2°25	5° 8	23°32	0°28	4°46	21°33	1° 4	15°50	16°31	10° 7	n.a.	F 5
S 6	8 9 57	4°31'07	10♉48	7°58	2°32	5°54	23°41	0°31	4°49	21°35	1° 5	15°R50	16°27	10°14	n.a.	S 6
S 7	8 13 54	5°30'37	24°14	9°13	2°42	6°40	23°49	0°33	4°52	21°38	1° 6	15°50	16°24	10°20	n.a.	S 7
M 8	8 17 50	6°30'05	7♊22	10°31	2°54	7°26	23°57	0°36	4°55	21°40	1° 7	15°49	16°21	10°27	n.a.	M 8
T 9	8 21 47	7°29'30	20°15	11°50	3° 8	8°12	24° 5	0°39	4°58	21°42	1° 8	15°48	16°18	10°34	n.a.	T 9
W10	8 25 44	8°28'53	2♋53	13°10	3°24	8°58	24°13	0°42	5° 1	21°44	1° 9	15°47	16°15	10°40	n.a.	W10
T 11	8 29 40	9°28'14	15°18	14°33	3°42	9°45	24°21	0°45	5° 4	21°46	1°10	15°46	16°11	10°47	n.a.	T 11
F 12	8 33 37	10°27'32	27°33	15°57	4° 1	10°30	24°29	0°48	5° 7	21°49	1°11	15°45	16° 8	10°54	n.a.	F 12
S 13	8 37 33	11°26'48	9♌38	17°22	4°23	11°16	24°36	0°51	5°10	21°51	1°12	15°45	16° 5	11° 0	n.a.	S 13
S 14	8 41 30	12°26'02	21°36	18°49	4°47	12° 2	24°44	0°55	5°13	21°53	1°13	15°D45	16° 2	11° 7	n.a.	S 14
M15	8 45 26	13°25'14	3♍28	20°18	5°12	12°48	24°51	0°58	5°16	21°55	1°14	15°45	15°59	11°14	n.a.	M15
T 16	8 49 23	14°24'23	15°18	21°48	5°39	13°34	24°58	1° 2	5°19	21°57	1°15	15°46	15°56	11°20	n.a.	T 16
W17	8 53 19	15°23'30	27° 6	23°20	6° 7	14°20	25° 5	1° 6	5°22	21°59	1°16	15°R46	15°52	11°27	n.a.	W17
T 18	8 57 16	16°22'36	8♎58	24°53	6°37	15° 6	25°12	1° 9	5°24	22° 1	1°17	15°46	15°49	11°34	n.a.	T 18
F 19	9 1 13	17°21'39	20°55	26°27	7° 9	15°51	25°19	1°13	5°27	22° 4	1°17	15°46	15°46	11°40	n.a.	F 19
S 20	9 5 9	18°20'41	3♏ 3	28° 3	7°42	16°37	25°25	1°17	5°30	22° 6	1°18	15°45	15°43	11°47	n.a.	S 20
S 21	9 9 6	19°19'40	15°24	29°40	8°16	17°23	25°32	1°21	5°33	22° 8	1°19	15°D45	15°40	11°54	n.a.	S 21
M22	9 13 2	20°18'38	28° 5	1♒19	8°51	18° 8	25°38	1°25	5°35	22°10	1°20	15°45	15°36	12° 0	n.a.	M22
T 23	9 16 59	21°17'34	11♐ 7	2°59	9°28	18°54	25°44	1°30	5°38	22°12	1°20	15°46	15°33	12° 7	n.a.	T 23
W24	9 20 55	22°16'27	24°35	4°41	10° 6	19°39	25°50	1°34	5°41	22°14	1°21	15°46	15°30	12°13	n.a.	W24
T 25	9 24 52	23°15'20	8♑29	6°24	10°46	20°25	25°56	1°38	5°43	22°16	1°22	15°47	15°27	12°20	n.a.	T 25
F 26	9 28 48	24°14'10	22°50	8° 9	11°26	21°10	26° 2	1°43	5°46	22°18	1°22	15°47	15°24	12°27	n.a.	F 26
S 27	9 32 45	25°12'58	7♒33	9°55	12° 7	21°55	26° 7	1°47	5°48	22°20	1°23	15°48	15°21	12°33	n.a.	S 27
S 28	9 36 41	26°11'44	22°34	11°42	12°50	22°41	26°12	1°52	5°51	22°22	1°23	15°R48	15°17	12°40	n.a.	S 28
M29	9 40 38	27♒10'28	7♓43	13♒32	13♉33	23♒26	26♏17	1♉57	5♉53	22♉24	1♐24	15♌47	15♌14	12♍47	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s36	13s 7	1s14	24s 3	0s13	16s35	7n16	21s 7	1s 5	18s18	0n33	10n 0	1s54	24s14	0s27	22s42	0s35	19s19	1n26	16n23	16n 6	9n56		n.a.
T 2	20 23	8 43	2 30	24 11	0 22	16 41	7 10	20 56	1 5	18 21	0 33	10 1	1 54	24 14	0 27	22 42	0 35	19 19	1 26	16 23	16 7	9 54		n.a.
W 3	20 10	3 51	3 36	24 19	0 31	16 47	7 4	20 45	1 5	18 23	0 33	10 2	1 54	24 14	0 27	22 42	0 35	19 19	1 26	16 23	16 8	9 53		n.a.
T 4	19 57	1n 8	4 27	24 25	0 40	16 54	6 57	20 33	1 5	18 25	0 33	10 3	1 53	24 14	0 27	22 41	0 35	19 20	1 26	16 22	16 9	9 51		n.a.
F 5	19 43	5 56	5 0	24 30	0 48	17 0	6 50	20 22	1 4	18 27	0 33	10 4	1 53	24 14	0 27	22 41	0 35	19 20	1 26	16 22	16 10	9 49		n.a.
S 6	19 28	10 20	5 16	24 33	0 56	17 7	6 43	20 10	1 4	18 30	0 33	10 6	1 53	24 14	0 27	22 41	0 35	19 20	1 26	16 22	16 11	9 47		n.a.
S 7	19 14	14 6	5 14	24 36	1 4	17 15	6 36	19 58	1 4	18 32	0 33	10 7	1 53	24 13	0 27	22 40	0 35	19 20	1 26	16 22	16 12	9 45		n.a.
M 8	18 59	17 4	4 55	24 37	1 11	17 22	6 28	19 46	1 4	18 34	0 33	10 8	1 52	24 13	0 27	22 40	0 35	19 21	1 26	16 23	16 13	9 43		n.a.
T 9	18 43	19 9	4 22	24 38	1 18	17 29	6 20	19 34	1 4	18 36	0 33	10 9	1 52	24 13	0 27	22 40	0 35	19 21	1 26	16 23	16 14	9 42		n.a.
W10	18 28	20 14	3 36	24 36	1 25	17 37	6 12	19 21	1 4	18 38	0 33	10 11	1 52	24 13	0 27	22 39	0 35	19 21	1 26	16 23	16 15	9 40		n.a.
T 11	18 12	20 18	2 41	24 34	1 31	17 45	6 4	19 8	1 3	18 40	0 33	10 12	1 51	24 13	0 27	22 39	0 35	19 22	1 26	16 23	16 16	9 38		n.a.
F 12	17 56	19 24	1 40	24 29	1 37	17 52	5 56	18 55	1 3	18 42	0 33	10 13	1 51	24 13	0 27	22 39	0 35	19 22	1 26	16 24	16 17	9 36		n.a.
S 13	17 39	17 37	0 34	24 24	1 42	18 0	5 48	18 42	1 3	18 44	0 33	10 15	1 51	24 13	0 27	22 38	0 36	19 22	1 26	16 24	16 18	9 34		n.a.
S 14	17 22	15 4	0n32	24 17	1 47	18 7	5 39	18 29	1 3	18 46	0 33	10 16	1 51	24 13	0 27	22 38	0 36	19 22	1 26	16 24	16 19	9 32		n.a.
M15	17 5	11 55	1 37	24 8	1 52	18 15	5 31	18 16	1 2	18 47	0 33	10 18	1 50	24 13	0 27	22 38	0 36	19 23	1 26	16 24	16 20	9 31		n.a.
T 16	16 48	8 18	2 37	23 58	1 56	18 22	5 23	18 2	1 2	18 49	0 33	10 19	1 50	24 13	0 27	22 37	0 36	19 23	1 26	16 24	16 21	9 29		n.a.
W17	16 30	4 23	3 30	23 46	1 59	18 29	5 14	17 48	1 2	18 51	0 33	10 21	1 50	24 13	0 27	22 37	0 36	19 23	1 25	16 24	16 22	9 27		n.a.
T 18	16 12	0 17	4 15	23 32	2 3	18 36	5 6	17 35	1 2	18 53	0 33	10 22	1 50	24 12	0 27	22 37	0 36	19 23	1 25	16 24	16 23	9 25		n.a.
F 19	15 54	3s51	4 49	23 17	2 5	18 43	4 57	17 21	1 1	18 54	0 33	10 24	1 49	24 12	0 27	22 36	0 36	19 23	1 25	16 24	16 24	9 23		n.a.
S 20	15 36	7 54	5 10	23 0	2 8	18 50	4 49	17 6	1 1	18 56	0 33	10 26	1 49	24 12	0 27	22 36	0 36	19 24	1 25	16 24	16 24	9 21		n.a.
S 21	15 17	11 41	5 18	22 41	2 10	18 57	4 40	16 52	1 1	18 57	0 33	10 27	1 49	24 12	0 27	22 36	0 36	19 24	1 25	16 24	16 25	9 19		n.a.
M22	14 58	15 2	5 11	22 21	2 11	19 3	4 32	16 37	1 1	18 59	0 33	10 29	1 49	24 12	0 28	22 35	0 36	19 24	1 25	16 24	16 26	9 18		n.a.
T 23	14 39	17 46	4 47	21 58	2 12	19 9	4 23	16 23	1 0	19 0	0 32	10 31	1 48	24 12	0 28	22 35	0 36	19 24	1 25	16 24	16 27	9 16		n.a.
W24	14 20	19 37	4 8	21 34	2 12	19 14	4 15	16 8	1 0	19 2	0 32	10 32	1 48	24 12	0 28	22 35	0 36	19 24	1 25	16 24	16 28	9 14		n.a.
T 25	14 0	20 23	3 13	21 8	2 12	19 20	4 6	15 53	1 0	19 3	0 32	10 34	1 48	24 12	0 28	22 34	0 36	19 25	1 25	16 23	16 29	9 12		n.a.
F 26	13 41	19 51	2 4	20 40	2 12	19 25	3 58	15 38	1 0	19 5	0 32	10 36	1 47	24 12	0 28	22 34	0 36	19 25	1 25	16 23	16 30	9 10		n.a.
S 27	13 21	17 58	0 46	20 10	2 11	19 29	3 49	15 23	0 59	19 6	0 32	10 38	1 47	24 12	0 28	22 34	0 36	19 25	1 25	16 23	16 31	9 8		n.a.
S 28	13 0	14 50	0s37	19 39	2 9	19 34	3 41	15 8	0 59	19 7	0 32	10 40	1 47	24 11	0 28	22 34	0 36	19 25	1 25	16 23	16 32	9 6		n.a.
M29	12s40	10s39	1s59	19s 5	2s 7	19s38	3n33	14s52	0s59	19s 9	0n32	10n42	1s47	24s11	0s28	22s33	0s36	19s25	1n25	16n23	16n33	9n 4		n.a.

Julian Day Number = 1193667.5, Delta T = 09h29m37s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'44, Lahiri = -23°53'43 Julian Calendar 1 Feb. 1445 BCE == Greg. Calendar 19 Jan. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

MARCH 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 44 35	28♒ 9'09	22♓51	15♒22	14♉17	24♒11	26♏22	2♉ 2	5♉56	22♉26	1♐24	15°R46	15♌11	12♍53	n.a.	T 1
W 2	9 48 31	29° 7'49	7♈50	17°14	15° 2	24°56	26°27	2° 7	5°58	22°28	1°25	15♌45	15° 8	13° 0	n.a.	W 2
T 3	9 52 28	0♓ 6'26	22°31	19° 8	15°48	25°41	26°32	2°12	6° 1	22°30	1°25	15°43	15° 5	13° 7	n.a.	T 3
F 4	9 56 24	1° 5'01	6♉50	21° 3	16°35	26°26	26°36	2°17	6° 3	22°31	1°25	15°41	15° 2	13°13	n.a.	F 4
S 5	10 0 21	2° 3'33	20°43	22°59	17°23	27°11	26°41	2°22	6° 5	22°33	1°26	15°40	14°58	13°20	n.a.	S 5
S 6	10 4 17	3° 2'03	4♊10	24°57	18°11	27°56	26°45	2°27	6° 8	22°35	1°26	15°D40	14°55	13°27	n.a.	S 6
M 7	10 8 14	4° 0'31	17°14	26°57	19° 1	28°41	26°49	2°32	6°10	22°37	1°26	15°41	14°52	13°33	n.a.	M 7
T 8	10 12 10	4°58'57	29°57	28°58	19°50	29°26	26°52	2°38	6°12	22°39	1°27	15°42	14°49	13°40	n.a.	T 8
W 9	10 16 7	5°57'20	12♋23	1♓ 0	20°41	0♓11	26°56	2°43	6°14	22°41	1°27	15°43	14°46	13°47	n.a.	W 9
T 10	10 20 3	6°55'41	24°35	3° 3	21°32	0°56	26°59	2°49	6°16	22°42	1°27	15°45	14°42	13°53	n.a.	T 10
F 11	10 24 0	7°54'00	6♌37	5° 8	22°24	1°40	27° 3	2°54	6°18	22°44	1°27	15°46	14°39	14° 0	n.a.	F 11
S 12	10 27 57	8°52'17	18°33	7°14	23°16	2°25	27° 6	3° 0	6°20	22°46	1°27	15°R46	14°36	14° 7	n.a.	S 12
S 13	10 31 53	9°50'31	0♍23	9°20	24°10	3°10	27° 9	3° 6	6°22	22°48	1°27	15°45	14°33	14°13	n.a.	S 13
M14	10 35 50	10°48'44	12°12	11°28	25° 3	3°54	27°11	3°12	6°24	22°49	1°28	15°43	14°30	14°20	n.a.	M14
T 15	10 39 46	11°46'55	24° 2	13°35	25°57	4°39	27°14	3°17	6°26	22°51	1°28	15°40	14°27	14°27	n.a.	T 15
W16	10 43 43	12°45'04	5♎53	15°44	26°52	5°23	27°16	3°23	6°28	22°53	1°R28	15°36	14°23	14°33	n.a.	W16
T 17	10 47 39	13°43'11	17°49	17°52	27°47	6° 7	27°18	3°29	6°30	22°54	1°28	15°31	14°20	14°40	n.a.	T 17
F 18	10 51 36	14°41'16	29°52	20° 0	28°43	6°52	27°20	3°35	6°32	22°56	1°28	15°26	14°17	14°47	n.a.	F 18
S 19	10 55 32	15°39'20	12♏ 3	22° 8	29°39	7°36	27°22	3°42	6°33	22°57	1°27	15°22	14°14	14°53	n.a.	S 19
S 20	10 59 29	16°37'22	24°27	24°15	0♒36	8°20	27°24	3°48	6°35	22°59	1°27	15°18	14°11	15° 0	n.a.	S 20
M21	11 3 25	17°35'23	7♐ 6	26°21	1°33	9° 4	27°25	3°54	6°37	23° 0	1°27	15°16	14° 8	15° 7	n.a.	M21
T 22	11 7 22	18°33'22	20° 4	28°26	2°30	9°49	27°26	4° 0	6°38	23° 2	1°27	15°D16	14° 4	15°13	n.a.	T 22
W23	11 11 19	19°31'20	3♑25	0♈29	3°28	10°33	27°28	4° 7	6°40	23° 3	1°27	15°17	14° 1	15°20	n.a.	W23
T 24	11 15 15	20°29'16	17° 9	2°30	4°27	11°17	27°28	4°13	6°41	23° 5	1°27	15°18	13°58	15°27	n.a.	T 24
F 25	11 19 12	21°27'11	1♒19	4°29	5°25	12° 1	27°29	4°20	6°43	23° 6	1°26	15°19	13°55	15°33	n.a.	F 25
S 26	11 23 8	22°25'04	15°53	6°26	6°24	12°45	27°30	4°26	6°44	23° 7	1°26	15°R20	13°52	15°40	n.a.	S 26
S 27	11 27 5	23°22'56	0♓49	8°19	7°24	13°28	27°30	4°33	6°46	23° 9	1°26	15°19	13°48	15°47	n.a.	S 27
M28	11 31 1	24°20'47	15°58	10°10	8°24	14°12	27°R30	4°39	6°47	23°10	1°25	15°16	13°45	15°53	n.a.	M28
T 29	11 34 58	25°18'35	1♈12	11°58	9°24	14°56	27°30	4°46	6°48	23°11	1°25	15°12	13°42	16° 0	n.a.	T 29
W30	11 38 54	26°16'23	16°20	13°43	10°24	15°40	27°30	4°53	6°49	23°13	1°25	15° 6	13°39	16° 7	n.a.	W30
T 31	11 42 51	27♓14'08	1♉14	15♈25	11♒25	16♓23	27♏29	5♉ 0	6♉51	23♉14	1♐24	15♌ 0	13♌36	16♍13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12s20	5s48	3s11	18s29	2s 4	19s41	3n25	14s37	0s58	19s10	0n32	10n44	1s47	24s11	0s28	22s33	0s36	19s25	1n25	16n23	16n34	9n 3		n.a.
W 2	11 59	0 40	4 10	17 52	2 1	19 44	3 17	14 21	0 58	19 11	0 32	10 45	1 46	24 11	0 28	22 33	0 36	19 26	1 25	16 24	16 35	9 1		n.a.
T 3	11 38	4n25	4 51	17 12	1 58	19 47	3 9	14 5	0 58	19 12	0 32	10 47	1 46	24 11	0 28	22 32	0 36	19 26	1 25	16 24	16 36	8 59		n.a.
F 4	11 17	9 7	5 13	16 31	1 53	19 49	3 1	13 49	0 57	19 13	0 32	10 49	1 46	24 11	0 28	22 32	0 36	19 26	1 25	16 25	16 37	8 57		n.a.
S 5	10 56	13 11	5 15	15 48	1 48	19 51	2 53	13 33	0 57	19 14	0 32	10 51	1 46	24 11	0 28	22 32	0 36	19 26	1 25	16 25	16 38	8 55		n.a.
S 6	10 34	16 26	5 0	15 3	1 43	19 53	2 45	13 17	0 57	19 15	0 32	10 54	1 45	24 11	0 28	22 31	0 36	19 26	1 24	16 25	16 39	8 53		n.a.
M 7	10 13	18 45	4 30	14 16	1 37	19 54	2 37	13 1	0 56	19 16	0 32	10 56	1 45	24 11	0 28	22 31	0 36	19 26	1 24	16 25	16 40	8 51		n.a.
T 8	9 51	20 5	3 47	13 27	1 31	19 54	2 30	12 45	0 56	19 17	0 32	10 58	1 45	24 11	0 28	22 31	0 36	19 26	1 24	16 25	16 41	8 49		n.a.
W 9	9 29	20 23	2 54	12 37	1 24	19 54	2 22	12 28	0 56	19 18	0 32	11 0	1 45	24 11	0 28	22 31	0 36	19 26	1 24	16 24	16 42	8 47		n.a.
T 10	9 7	19 43	1 54	11 45	1 16	19 53	2 15	12 12	0 55	19 19	0 32	11 2	1 44	24 11	0 28	22 30	0 36	19 26	1 24	16 24	16 43	8 45		n.a.
F 11	8 45	18 8	0 50	10 51	1 8	19 52	2 7	11 55	0 55	19 19	0 32	11 4	1 44	24 11	0 28	22 30	0 36	19 27	1 24	16 24	16 44	8 44		n.a.
S 12	8 23	15 47	0n15	9 56	1 0	19 51	2 0	11 39	0 55	19 20	0 32	11 6	1 44	24 10	0 28	22 30	0 36	19 27	1 24	16 24	16 44	8 42		n.a.
S 13	8 1	12 46	1 20	8 59	0 51	19 49	1 53	11 22	0 54	19 21	0 32	11 8	1 44	24 10	0 28	22 30	0 36	19 27	1 24	16 24	16 45	8 40		n.a.
M14	7 38	9 15	2 20	8 1	0 41	19 46	1 46	11 5	0 54	19 22	0 32	11 11	1 44	24 10	0 28	22 29	0 36	19 27	1 24	16 24	16 46	8 38		n.a.
T 15	7 16	5 23	3 15	7 3	0 31	19 43	1 39	10 48	0 54	19 22	0 32	11 13	1 43	24 10	0 28	22 29	0 36	19 27	1 24	16 25	16 47	8 36		n.a.
W16	6 53	1 18	4 1	6 3	0 21	19 39	1 32	10 31	0 53	19 23	0 32	11 15	1 43	24 10	0 28	22 29	0 36	19 27	1 24	16 27	16 48	8 34		n.a.
T 17	6 31	2s51	4 37	5 3	0 11	19 35	1 25	10 14	0 53	19 23	0 32	11 17	1 43	24 10	0 28	22 29	0 36	19 27	1 24	16 28	16 49	8 32		n.a.
F 18	6 8	6 55	5 2	4 2	0 0	19 30	1 18	9 57	0 52	19 24	0 32	11 20	1 43	24 10	0 28	22 28	0 36	19 27	1 24	16 30	16 50	8 30		n.a.
S 19	5 45	10 46	5 12	3 1	0n11	19 25	1 12	9 40	0 52	19 24	0 32	11 22	1 43	24 10	0 28	22 28	0 36	19 27	1 24	16 31	16 51	8 28		n.a.
S 20	5 22	14 14	5 9	1 59	0 22	19 19	1 5	9 23	0 52	19 25	0 32	11 24	1 42	24 10	0 28	22 28	0 36	19 27	1 24	16 32	16 52	8 26		n.a.
M21	4 59	17 6	4 51	0 59	0 33	19 13	0 59	9 6	0 51	19 25	0 32	11 27	1 42	24 10	0 28	22 28	0 36	19 27	1 24	16 32	16 53	8 24		n.a.
T 22	4 36	19 13	4 17	0n 2	0 43	19 6	0 52	8 49	0 51	19 25	0 32	11 29	1 42	24 10	0 28	22 27	0 36	19 27	1 24	16 33	16 54	8 22		n.a.
W23	4 13	20 20	3 29	1 1	0 54	18 59	0 46	8 31	0 50	19 26	0 32	11 31	1 42	24 10	0 28	22 27	0 36	19 27	1 24	16 32	16 55	8 20		n.a.
T 24	3 50	20 18	2 28	2 0	1 5	18 51	0 40	8 14	0 50	19 26	0 32	11 34	1 42	24 10	0 28	22 27	0 36	19 27	1 24	16 32	16 56	8 19		n.a.
F 25	3 27	18 59	1 16	2 57	1 15	18 42	0 34	7 56	0 50	19 26	0 32	11 36	1 41	24 10	0 28	22 27	0 37	19 27	1 23	16 32	16 57	8 17		n.a.
S 26	3 4	16 24	0s 3	3 53	1 25	18 33	0 28	7 39	0 49	19 26	0 32	11 38	1 41	24 10	0 28	22 27	0 37	19 27	1 23	16 31	16 58	8 15		n.a.
S 27	2 40	12 41	1 23	4 48	1 34	18 23	0 22	7 21	0 49	19 26	0 31	11 41	1 41	24 10	0 28	22 26	0 37	19 27	1 23	16 32	16 58	8 13		n.a.
M28	2 17	8 4	2 39	5 41	1 44	18 13	0 17	7 4	0 48	19 26	0 31	11 43	1 41	24 10	0 28	22 26	0 37	19 27	1 23	16 32	16 59	8 11		n.a.
T 29	1 54	2 55	3 44	6 32	1 52	18 2	0 11	6 46	0 48	19 26	0 31	11 46	1 41	24 10	0 28	22 26	0 37	19 27	1 23	16 34	17 0	8 9		n.a.
W30	1 30	2n22	4 32	7 21	2 0	17 51	0 6	6 29	0 47	19 26	0 31	11 48	1 40	24 9	0 29	22 26	0 37	19 27	1 23	16 35	17 1	8 7		n.a.
T 31	1s 7	7n25	5s 1	8n 7	2n 7	17s40	0n 0	6s11	0s47	19s26	0n31	11n51	1s40	24s 9	0s29	22s26	0s37	19s27	1n23	16n37	17n 2	8n 5		n.a.

Julian Day Number = 1193696.5, Delta T = 09h29m35s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'40, Lahiri = -23°53'39 Julian Calendar 1 March 1445 BCE == Greg. Calendar 17 Feb. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

APRIL 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 46 47	28♓11'52	15♉44	17♈ 3	12♒26	17♓ 7	27°R28	5♉ 7	6♊52	23♊15	1°R24	14°R54	13♌33	16♍20	n.a.	F 1
S 2	11 50 44	29° 9'34	29°47	18°38	13°27	17°51	27♏28	5°14	6°53	23°16	1♐23	14♌49	13°29	16°27	n.a.	S 2
S 3	11 54 41	0♈ 7'14	13♊22	20° 9	14°29	18°34	27°27	5°20	6°54	23°18	1°23	14°46	13°26	16°33	n.a.	S 3
M 4	11 58 37	1° 4'53	26°28	21°36	15°30	19°18	27°25	5°27	6°55	23°19	1°22	14°D45	13°23	16°40	n.a.	M 4
T 5	12 2 34	2° 2'29	9♋10	23° 0	16°32	20° 1	27°24	5°34	6°56	23°20	1°22	14°45	13°20	16°47	n.a.	T 5
W 6	12 6 30	3° 0'05	21°32	24°21	17°35	20°44	27°22	5°42	6°57	23°21	1°21	14°46	13°17	16°53	n.a.	W 6
T 7	12 10 27	3°57'38	3♌39	25°37	18°37	21°28	27°21	5°49	6°58	23°22	1°21	14°47	13°13	17° 0	n.a.	T 7
F 8	12 14 23	4°55'10	15°35	26°50	19°40	22°11	27°19	5°56	6°58	23°23	1°20	14°R48	13°10	17° 7	n.a.	F 8
S 9	12 18 20	5°52'40	27°25	27°58	20°43	22°54	27°17	6° 3	6°59	23°24	1°19	14°47	13° 7	17°13	n.a.	S 9
S 10	12 22 16	6°50'09	9♍13	29° 3	21°47	23°37	27°14	6°10	7° 0	23°25	1°19	14°44	13° 4	17°20	n.a.	S 10
M11	12 26 13	7°47'36	21° 2	0♉ 4	22°50	24°20	27°12	6°18	7° 1	23°26	1°18	14°39	13° 1	17°27	n.a.	M11
T 12	12 30 10	8°45'02	2♎54	1° 1	23°54	25° 3	27° 9	6°25	7° 1	23°27	1°17	14°31	12°58	17°33	n.a.	T 12
W13	12 34 6	9°42'27	14°51	1°53	24°58	25°46	27° 6	6°32	7° 2	23°27	1°16	14°22	12°54	17°40	n.a.	W13
T 14	12 38 3	10°39'51	26°55	2°42	26° 2	26°29	27° 3	6°40	7° 2	23°28	1°16	14°12	12°51	17°47	n.a.	T 14
F 15	12 41 59	11°37'13	9♏ 8	3°26	27° 6	27°12	27° 0	6°47	7° 3	23°29	1°15	14° 1	12°48	17°53	n.a.	F 15
S 16	12 45 56	12°34'35	21°29	4° 6	28°11	27°55	26°57	6°54	7° 3	23°30	1°14	13°52	12°45	18° 0	n.a.	S 16
S 17	12 49 52	13°31'56	4♐ 2	4°41	29°16	28°37	26°53	7° 2	7° 4	23°31	1°13	13°44	12°42	18° 7	n.a.	S 17
M18	12 53 49	14°29'16	16°47	5°12	0♓21	29°20	26°49	7° 9	7° 4	23°31	1°12	13°38	12°39	18°13	n.a.	M18
T 19	12 57 45	15°26'35	29°48	5°38	1°26	0♈ 3	26°45	7°17	7° 4	23°32	1°11	13°35	12°35	18°20	n.a.	T 19
W20	13 1 42	16°23'53	13♑ 5	6° 0	2°31	0°45	26°41	7°24	7° 4	23°33	1°10	13°D34	12°32	18°27	n.a.	W20
T 21	13 5 39	17°21'11	26°43	6°17	3°36	1°28	26°37	7°32	7° 5	23°33	1° 9	13°34	12°29	18°33	n.a.	T 21
F 22	13 9 35	18°18'28	10♒41	6°30	4°42	2°10	26°33	7°40	7° 5	23°34	1° 8	13°R35	12°26	18°40	n.a.	F 22
S 23	13 13 32	19°15'44	25° 1	6°38	5°48	2°53	26°28	7°47	7° 5	23°34	1° 7	13°34	12°23	18°47	n.a.	S 23
S 24	13 17 28	20°13'00	9♓41	6°R41	6°54	3°35	26°23	7°55	7°R 5	23°35	1° 6	13°32	12°19	18°54	n.a.	S 24
M25	13 21 25	21°10'15	24°36	6°40	8° 0	4°17	26°19	8° 3	7° 5	23°35	1° 5	13°27	12°16	19° 0	n.a.	M25
T 26	13 25 21	22° 7'29	9♈40	6°35	9° 6	5° 0	26°13	8°10	7° 5	23°36	1° 4	13°20	12°13	19° 7	n.a.	T 26
W27	13 29 18	23° 4'43	24°42	6°25	10°13	5°42	26° 8	8°18	7° 5	23°36	1° 3	13°11	12°10	19°14	n.a.	W27
T 28	13 33 14	24° 1'56	9♉34	6°11	11°19	6°24	26° 3	8°26	7° 5	23°37	1° 2	13° 0	12° 7	19°20	n.a.	T 28
F 29	13 37 11	24°59'08	24° 6	5°53	12°26	7° 6	25°58	8°34	7° 4	23°37	1° 1	12°50	12° 4	19°27	n.a.	F 29
S 30	13 41 8	25♈56'20	8♊13	5♉32	13♓32	7♈48	25♏52	8♉41	7♑ 4	23♑37	1♐ 0	12♌42	12♌ 0	19♍34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s44	11n54	5s10	8n52	2n14	17s27	0s 5	5s53	0s47	19s26	0n31	11n53	1s40	24s 9	0s29	22s25	0s37	19s27	1n23	16n39	17n 3	8n 3		n.a.
S 2	0 20	15 35	4 59	9 34	2 20	17 14	0 10	5 36	0 46	19 26	0 31	11 56	1 40	24 9	0 29	22 25	0 37	19 27	1 23	16 41	17 4	8 1		n.a.
S 3	0n 3	18 18	4 32	10 14	2 25	17 1	0 15	5 18	0 46	19 26	0 31	11 58	1 40	24 9	0 29	22 25	0 37	19 27	1 23	16 41	17 5	7 59		n.a.
M 4	0 26	19 57	3 52	10 52	2 30	16 47	0 20	5 0	0 45	19 26	0 31	12 1	1 40	24 9	0 29	22 25	0 37	19 27	1 23	16 42	17 6	7 57		n.a.
T 5	0 50	20 32	3 1	11 28	2 33	16 33	0 25	4 42	0 45	19 25	0 31	12 3	1 39	24 9	0 29	22 25	0 37	19 27	1 23	16 42	17 7	7 55		n.a.
W 6	1 13	20 5	2 2	12 1	2 36	16 18	0 30	4 25	0 44	19 25	0 31	12 6	1 39	24 9	0 29	22 25	0 37	19 27	1 23	16 42	17 8	7 53		n.a.
T 7	1 36	18 43	1 0	12 31	2 38	16 3	0 34	4 7	0 44	19 25	0 31	12 8	1 39	24 9	0 29	22 24	0 37	19 27	1 23	16 41	17 9	7 51		n.a.
F 8	1 59	16 31	0n 4	12 59	2 39	15 47	0 39	3 49	0 43	19 24	0 31	12 11	1 39	24 9	0 29	22 24	0 37	19 27	1 23	16 41	17 10	7 49		n.a.
S 9	2 22	13 38	1 8	13 25	2 40	15 31	0 43	3 31	0 43	19 24	0 31	12 13	1 39	24 9	0 29	22 24	0 37	19 27	1 23	16 41	17 11	7 47		n.a.
S 10	2 46	10 13	2 8	13 48	2 39	15 14	0 47	3 13	0 42	19 23	0 31	12 16	1 39	24 9	0 29	22 24	0 37	19 26	1 22	16 42	17 11	7 45		n.a.
M11	3 9	6 24	3 2	14 9	2 38	14 57	0 51	2 56	0 42	19 23	0 31	12 18	1 39	24 9	0 29	22 24	0 37	19 26	1 22	16 44	17 12	7 43		n.a.
T 12	3 32	2 19	3 49	14 27	2 35	14 39	0 55	2 38	0 41	19 22	0 31	12 21	1 38	24 9	0 29	22 24	0 37	19 26	1 22	16 46	17 13	7 41		n.a.
W13	3 55	1s53	4 26	14 43	2 32	14 21	0 59	2 20	0 41	19 22	0 31	12 24	1 38	24 9	0 29	22 24	0 37	19 26	1 22	16 49	17 14	7 39		n.a.
T 14	4 18	6 2	4 51	14 56	2 28	14 3	1 3	2 2	0 40	19 21	0 30	12 26	1 38	24 9	0 29	22 23	0 37	19 26	1 22	16 52	17 15	7 37		n.a.
F 15	4 40	10 0	5 4	15 7	2 23	13 44	1 7	1 44	0 40	19 20	0 30	12 29	1 38	24 9	0 29	22 23	0 37	19 26	1 22	16 55	17 16	7 35		n.a.
S 16	5 3	13 36	5 2	15 15	2 17	13 25	1 10	1 27	0 39	19 20	0 30	12 31	1 38	24 9	0 29	22 23	0 37	19 26	1 22	16 58	17 17	7 33		n.a.
S 17	5 26	16 39	4 46	15 20	2 10	13 5	1 14	1 9	0 39	19 19	0 30	12 34	1 38	24 9	0 29	22 23	0 37	19 26	1 22	17 0	17 18	7 31		n.a.
M18	5 49	18 57	4 16	15 24	2 2	12 45	1 17	0 51	0 38	19 18	0 30	12 37	1 38	24 9	0 29	22 23	0 37	19 26	1 22	17 1	17 19	7 29		n.a.
T 19	6 11	20 20	3 32	15 24	1 53	12 24	1 20	0 34	0 38	19 17	0 30	12 39	1 37	24 9	0 29	22 23	0 37	19 26	1 22	17 2	17 20	7 27		n.a.
W20	6 33	20 38	2 35	15 22	1 43	12 3	1 23	0 16	0 37	19 16	0 30	12 42	1 37	24 9	0 29	22 23	0 37	19 25	1 22	17 3	17 21	7 25		n.a.
T 21	6 56	19 44	1 29	15 18	1 32	11 42	1 26	0n 2	0 37	19 15	0 30	12 44	1 37	24 9	0 29	22 23	0 37	19 25	1 22	17 3	17 22	7 23		n.a.
F 22	7 18	17 37	0 15	15 11	1 21	11 20	1 29	0 20	0 36	19 15	0 30	12 47	1 37	24 9	0 29	22 23	0 37	19 25	1 22	17 3	17 22	7 21		n.a.
S 23	7 40	14 22	1s 1	15 2	1 8	10 58	1 32	0 37	0 36	19 14	0 30	12 50	1 37	24 9	0 29	22 23	0 37	19 25	1 22	17 3	17 23	7 19		n.a.
S 24	8 2	10 8	2 14	14 51	0 55	10 36	1 35	0 55	0 35	19 12	0 30	12 52	1 37	24 9	0 29	22 23	0 37	19 25	1 22	17 3	17 24	7 17		n.a.
M25	8 24	5 14	3 20	14 37	0 41	10 13	1 37	1 12	0 35	19 11	0 30	12 55	1 37	24 9	0 29	22 23	0 37	19 25	1 21	17 5	17 25	7 15		n.a.
T 26	8 46	0n 2	4 12	14 21	0 26	9 50	1 39	1 30	0 34	19 10	0 30	12 58	1 37	24 10	0 29	22 23	0 38	19 25	1 21	17 7	17 26	7 13		n.a.
W27	9 7	5 17	4 47	14 4	0 11	9 26	1 42	1 47	0 34	19 9	0 29	13 0	1 36	24 10	0 29	22 23	0 38	19 24	1 21	17 10	17 27	7 11		n.a.
T 28	9 29	10 10	5 2	13 44	0s 5	9 3	1 44	2 5	0 33	19 8	0 29	13 3	1 36	24 10	0 29	22 23	0 38	19 24	1 21	17 12	17 28	7 9		n.a.
F 29	9 50	14 20	4 57	13 23	0 22	8 39	1 46	2 22	0 33	19 7	0 29	13 5	1 36	24 10	0 29	22 22	0 38	19 24	1 21	17 15	17 29	7 7		n.a.
S 30	10n12	17n34	4s33	13n 0	0s38	8s14	1s48	2n40	0s32	19s 6	0n29	13n 8	1s36	24s10	0s29	22s22	0s38	19s24	1n21	17n18	17n30	7n 5		n.a.

Julian Day Number = 1193727.5, Delta T = 09h29m33s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'35, Lahiri = -23°53'35 Julian Calendar 1 Apr. 1445 BCE == Greg. Calendar 19 March 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

MAY 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 45 4	26♈53'30	21♊51	5°R 7	14♓39	8♈30	25°R46	8♉49	7°R 4	23♑38	0°R59	12°R35	11♌57	19♍40	n.a.	S 1
M 2	13 49 1	27°50'40	5♋ 2	4♉40	15°46	9°12	25♏40	8°57	7♑ 3	23°38	0♐58	12♌31	11°54	19°47	n.a.	M 2
T 3	13 52 57	28°47'49	17°46	4°10	16°54	9°54	25°34	9° 5	7° 3	23°38	0°56	12°29	11°51	19°54	n.a.	T 3
W 4	13 56 54	29°44'57	0♌ 9	3°38	18° 1	10°36	25°28	9°13	7° 3	23°38	0°55	12°D29	11°48	20° 0	n.a.	W 4
T 5	14 0 50	0♉42'04	12°16	3° 5	19° 8	11°18	25°22	9°21	7° 2	23°38	0°54	12°R29	11°44	20° 7	n.a.	T 5
F 6	14 4 47	1°39'10	24°11	2°31	20°16	11°59	25°16	9°28	7° 2	23°38	0°53	12°28	11°41	20°14	n.a.	F 6
S 7	14 8 44	2°36'16	6♍ 1	1°57	21°23	12°41	25° 9	9°36	7° 1	23°39	0°52	12°26	11°38	20°20	n.a.	S 7
S 8	14 12 40	3°33'21	17°49	1°23	22°31	13°23	25° 3	9°44	7° 0	23°39	0°50	12°22	11°35	20°27	n.a.	S 8
M 9	14 16 37	4°30'25	29°40	0°51	23°39	14° 4	24°56	9°52	7° 0	23°R39	0°49	12°15	11°32	20°34	n.a.	M 9
T 10	14 20 33	5°27'29	11♎37	0°19	24°47	14°46	24°49	10° 0	6°59	23°39	0°48	12° 6	11°29	20°40	n.a.	T 10
W11	14 24 30	6°24'33	23°43	29♈50	25°55	15°27	24°42	10° 8	6°58	23°39	0°46	11°54	11°25	20°47	n.a.	W11
T 12	14 28 26	7°21'36	5♏58	29°24	27° 3	16° 8	24°35	10°16	6°57	23°39	0°45	11°41	11°22	20°54	n.a.	T 12
F 13	14 32 23	8°18'39	18°24	29° 0	28°11	16°50	24°28	10°24	6°57	23°38	0°44	11°28	11°19	21° 0	n.a.	F 13
S 14	14 36 19	9°15'42	1♐ 1	28°40	29°20	17°31	24°21	10°32	6°56	23°38	0°42	11°16	11°16	21° 7	n.a.	S 14
S 15	14 40 16	10°12'45	13°50	28°23	0♈28	18°12	24°14	10°39	6°55	23°38	0°41	11° 5	11°13	21°14	n.a.	S 15
M16	14 44 13	11° 9'48	26°49	28°11	1°37	18°53	24° 7	10°47	6°54	23°38	0°40	10°58	11°10	21°20	n.a.	M16
T 17	14 48 9	12° 6'51	10♑ 1	28° 3	2°46	19°35	23°59	10°55	6°53	23°38	0°38	10°53	11° 6	21°27	n.a.	T 17
W18	14 52 6	13° 3'54	23°25	27°D59	3°54	20°16	23°52	11° 3	6°52	23°37	0°37	10°51	11° 3	21°34	n.a.	W18
T 19	14 56 2	14° 0'57	7♒ 4	28° 0	5° 3	20°57	23°45	11°11	6°51	23°37	0°36	10°50	11° 0	21°40	n.a.	T 19
F 20	14 59 59	14°58'01	20°57	28° 6	6°12	21°38	23°37	11°19	6°49	23°37	0°34	10°50	10°57	21°47	n.a.	F 20
S 21	15 3 55	15°55'04	5♓ 6	28°17	7°21	22°19	23°30	11°27	6°48	23°36	0°33	10°49	10°54	21°54	n.a.	S 21
S 22	15 7 52	16°52'09	19°29	28°33	8°30	23° 0	23°22	11°35	6°47	23°36	0°31	10°47	10°50	22° 0	n.a.	S 22
M23	15 11 48	17°49'13	4♈ 4	28°54	9°40	23°40	23°14	11°43	6°46	23°36	0°30	10°42	10°47	22° 7	n.a.	M23
T 24	15 15 45	18°46'18	18°47	29°19	10°49	24°21	23° 7	11°51	6°44	23°35	0°28	10°34	10°44	22°14	n.a.	T 24
W25	15 19 42	19°43'23	3♉30	29°50	11°58	25° 2	22°59	11°58	6°43	23°35	0°27	10°24	10°41	22°20	n.a.	W25
T 26	15 23 38	20°40'29	18° 5	0♉25	13° 8	25°43	22°51	12° 6	6°42	23°34	0°25	10°13	10°38	22°27	n.a.	T 26
F 27	15 27 35	21°37'35	2♊25	1° 5	14°17	26°23	22°44	12°14	6°40	23°34	0°24	10° 2	10°35	22°34	n.a.	F 27
S 28	15 31 31	22°34'41	16°24	1°50	15°27	27° 4	22°36	12°22	6°39	23°33	0°23	9°52	10°31	22°41	n.a.	S 28
S 29	15 35 28	23°31'47	29°59	2°40	16°37	27°44	22°28	12°30	6°37	23°32	0°21	9°45	10°28	22°47	n.a.	S 29
M30	15 39 24	24°28'54	13♋ 8	3°35	17°47	28°25	22°21	12°38	6°36	23°32	0°20	9°40	10°25	22°54	n.a.	M30
T 31	15 43 21	25♉26'00	25♋54	4♉34	18♈57	29♈ 5	22♏13	12♉45	6♑34	23♑31	0♐18	9♌37	10♌22	23♍ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	10n33	19n42	3s55	12n36	0s55	7s50	1s50	2n57	0s31	19s 4	0n29	13n11	1s36	24s10	0s30	22s22	0s38	19s24	1n21	17n20	17n31	7n 3			n.a.
M 2	10 53	20 41	3 5	12 10	1 12	7 25	1 52	3 14	0 31	19 3	0 29	13 13	1 36	24 10	0 30	22 22	0 38	19 24	1 21	17 21	17 31	7 1			n.a.
T 3	11 14	20 33	2 7	11 44	1 29	7 0	1 53	3 31	0 30	19 2	0 29	13 16	1 36	24 10	0 30	22 22	0 38	19 23	1 21	17 21	17 32	6 59			n.a.
W 4	11 35	19 25	1 5	11 18	1 45	6 35	1 55	3 49	0 30	19 0	0 29	13 18	1 36	24 10	0 30	22 22	0 38	19 23	1 21	17 22	17 33	6 57			n.a.
T 5	11 55	17 24	0 1	10 52	2 1	6 9	1 56	4 6	0 29	18 59	0 29	13 21	1 36	24 10	0 30	22 22	0 38	19 23	1 21	17 22	17 34	6 55			n.a.
F 6	12 15	14 40	1n 2	10 25	2 17	5 43	1 58	4 23	0 29	18 57	0 29	13 24	1 36	24 10	0 30	22 22	0 38	19 23	1 21	17 22	17 35	6 53			n.a.
S 7	12 35	11 20	2 1	10 0	2 32	5 17	1 59	4 40	0 28	18 56	0 28	13 26	1 35	24 10	0 30	22 22	0 38	19 23	1 21	17 22	17 36	6 51			n.a.
S 8	12 55	7 35	2 56	9 35	2 46	4 51	2 0	4 57	0 28	18 54	0 28	13 29	1 35	24 10	0 30	22 22	0 38	19 23	1 20	17 23	17 37	6 49			n.a.
M 9	13 15	3 31	3 42	9 11	2 59	4 25	2 1	5 14	0 27	18 53	0 28	13 32	1 35	24 10	0 30	22 23	0 38	19 22	1 20	17 25	17 38	6 47			n.a.
T 10	13 34	0s42	4 19	8 49	3 11	3 58	2 2	5 31	0 26	18 51	0 28	13 34	1 35	24 10	0 30	22 23	0 38	19 22	1 20	17 28	17 39	6 45			n.a.
W11	13 54	4 57	4 45	8 28	3 21	3 31	2 3	5 47	0 26	18 50	0 28	13 37	1 35	24 10	0 30	22 23	0 38	19 22	1 20	17 32	17 40	6 43			n.a.
T 12	14 13	9 3	4 59	8 10	3 31	3 5	2 4	6 4	0 25	18 48	0 28	13 39	1 35	24 10	0 30	22 23	0 38	19 22	1 20	17 35	17 40	6 41			n.a.
F 13	14 31	12 50	4 58	7 54	3 39	2 38	2 4	6 21	0 25	18 47	0 28	13 42	1 35	24 10	0 30	22 23	0 38	19 22	1 20	17 39	17 41	6 38			n.a.
S 14	14 50	16 7	4 43	7 40	3 46	2 10	2 5	6 37	0 24	18 45	0 28	13 44	1 35	24 11	0 30	22 23	0 38	19 21	1 20	17 42	17 42	6 36			n.a.
S 15	15 8	18 40	4 13	7 29	3 52	1 43	2 5	6 54	0 23	18 43	0 27	13 47	1 35	24 11	0 30	22 23	0 38	19 21	1 20	17 45	17 43	6 34			n.a.
M16	15 27	20 19	3 30	7 20	3 56	1 16	2 5	7 10	0 23	18 42	0 27	13 50	1 35	24 11	0 30	22 23	0 38	19 21	1 20	17 47	17 44	6 32			n.a.
T 17	15 44	20 54	2 35	7 15	3 59	0 48	2 6	7 27	0 22	18 40	0 27	13 52	1 35	24 11	0 30	22 23	0 38	19 21	1 20	17 49	17 45	6 30			n.a.
W18	16 2	20 18	1 31	7 12	4 1	0 20	2 6	7 43	0 22	18 38	0 27	13 55	1 35	24 11	0 30	22 23	0 38	19 21	1 20	17 49	17 46	6 28			n.a.
T 19	16 20	18 31	0 20	7 12	4 2	0n 7	2 6	7 59	0 21	18 36	0 27	13 57	1 35	24 11	0 30	22 23	0 38	19 20	1 20	17 49	17 47	6 26			n.a.
F 20	16 37	15 36	0s53	7 15	4 1	0 35	2 6	8 16	0 21	18 35	0 27	14 0	1 35	24 11	0 30	22 23	0 38	19 20	1 19	17 49	17 48	6 24			n.a.
S 21	16 54	11 44	2 5	7 20	3 59	1 3	2 6	8 32	0 20	18 33	0 27	14 2	1 34	24 11	0 30	22 23	0 38	19 20	1 19	17 50	17 48	6 22			n.a.
S 22	17 10	7 7	3 9	7 29	3 56	1 31	2 5	8 48	0 19	18 31	0 26	14 5	1 34	24 11	0 30	22 23	0 38	19 20	1 19	17 50	17 49	6 20			n.a.
M23	17 27	2 3	4 2	7 40	3 52	1 59	2 5	9 4	0 19	18 29	0 26	14 7	1 34	24 11	0 30	22 23	0 38	19 20	1 19	17 52	17 50	6 18			n.a.
T 24	17 43	3n11	4 40	7 53	3 47	2 27	2 5	9 19	0 18	18 27	0 26	14 10	1 34	24 11	0 30	22 24	0 38	19 19	1 19	17 54	17 51	6 16			n.a.
W25	17 59	8 13	4 59	8 10	3 41	2 55	2 4	9 35	0 18	18 26	0 26	14 12	1 34	24 12	0 30	22 24	0 38	19 19	1 19	17 57	17 52	6 14			n.a.
T 26	18 14	12 45	4 58	8 29	3 34	3 23	2 4	9 51	0 17	18 24	0 26	14 15	1 34	24 12	0 30	22 24	0 39	19 19	1 19	18 0	17 53	6 11			n.a.
F 27	18 29	16 28	4 39	8 50	3 27	3 51	2 3	10 6	0 16	18 22	0 26	14 17	1 34	24 12	0 30	22 24	0 39	19 19	1 19	18 3	17 54	6 9			n.a.
S 28	18 44	19 8	4 3	9 13	3 19	4 19	2 2	10 22	0 16	18 20	0 26	14 20	1 34	24 12	0 30	22 24	0 39	19 18	1 19	18 5	17 55	6 7			n.a.
S 29	18 59	20 38	3 14	9 39	3 10	4 47	2 1	10 37	0 15	18 18	0 25	14 22	1 34	24 12	0 30	22 24	0 39	19 18	1 19	18 7	17 55	6 5			n.a.
M30	19 13	20 57	2 16	10 7	3 0	5 15	2 0	10 52	0 14	18 16	0 25	14 25	1 34	24 12	0 30	22 24	0 39	19 18	1 19	18 9	17 56	6 3			n.a.
T 31	19n28	20n10	1s12	10n36	2s50	5n43	1s59	11n 8	0s14	18s15	0n25	14n27	1s34	24s12	0s30	22s25	0s39	19s18	1n18	18n 9	17n57	6n 1			n.a.

Julian Day Number = 1193757.5, Delta T = 09h29m32s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'31, Lahiri = -23°53'31 Julian Calendar 1 May 1445 BCE == Greg. Calendar 18 Apr. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

JUNE 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 47 18	26♉23'07	8♌18	5♉37	20♈ 7	29♈46	22°R 5	12♉53	6°R32	23°R30	0°R17	9°D37	10♌19	23♍ 7	n.a.	W 1
T 2	15 51 14	27°20'14	20°26	6°46	21°17	0♉26	21♏58	13° 1	6♑31	23♑30	0♐15	9♌37	10°16	23°14	n.a.	T 2
F 3	15 55 11	28°17'21	2♍23	7°58	22°27	1° 6	21°50	13° 9	6°29	23°29	0°14	9°R37	10°12	23°21	n.a.	F 3
S 4	15 59 7	29°14'28	14°13	9°15	23°37	1°46	21°42	13°16	6°27	23°28	0°12	9°36	10° 9	23°27	n.a.	S 4
S 5	16 3 4	0♊11'36	26° 4	10°36	24°47	2°26	21°35	13°24	6°26	23°27	0°11	9°33	10° 6	23°34	n.a.	S 5
M 6	16 7 0	1° 8'44	7♎58	12° 2	25°57	3° 7	21°27	13°32	6°24	23°27	0° 9	9°27	10° 3	23°41	n.a.	M 6
T 7	16 10 57	2° 5'52	20° 0	13°31	27° 8	3°47	21°20	13°39	6°22	23°26	0° 8	9°20	10° 0	23°47	n.a.	T 7
W 8	16 14 53	3° 3'01	2♏14	15° 5	28°18	4°27	21°12	13°47	6°20	23°25	0° 6	9°10	9°56	23°54	n.a.	W 8
T 9	16 18 50	4° 0'10	14°40	16°42	29°29	5° 7	21° 5	13°55	6°18	23°24	0° 5	8°59	9°53	24° 1	n.a.	T 9
F 10	16 22 47	4°57'20	27°21	18°24	0♉39	5°46	20°58	14° 2	6°16	23°23	0° 3	8°48	9°50	24° 7	n.a.	F 10
S 11	16 26 43	5°54'31	10♐16	20° 8	1°50	6°26	20°51	14°10	6°14	23°22	0° 2	8°38	9°47	24°14	n.a.	S 11
S 12	16 30 40	6°51'42	23°25	21°56	3° 1	7° 6	20°43	14°17	6°12	23°21	0° 0	8°29	9°44	24°21	n.a.	S 12
M13	16 34 36	7°48'55	6♑45	23°47	4°12	7°46	20°36	14°25	6°10	23°20	29♏59	8°23	9°41	24°27	n.a.	M13
T 14	16 38 33	8°46'08	20°17	25°41	5°23	8°25	20°29	14°32	6° 8	23°19	29°58	8°19	9°37	24°34	n.a.	T 14
W15	16 42 29	9°43'23	3♒58	27°38	6°34	9° 5	20°22	14°40	6° 6	23°18	29°56	8°D18	9°34	24°41	n.a.	W15
T 16	16 46 26	10°40'38	17°48	29°36	7°45	9°45	20°16	14°47	6° 4	23°17	29°55	8°18	9°31	24°48	n.a.	T 16
F 17	16 50 23	11°37'55	1♓47	1♊37	8°56	10°24	20° 9	14°55	6° 2	23°16	29°53	8°19	9°28	24°54	n.a.	F 17
S 18	16 54 19	12°35'13	15°53	3°39	10° 7	11° 4	20° 2	15° 2	6° 0	23°15	29°52	8°R19	9°25	25° 1	n.a.	S 18
S 19	16 58 16	13°32'32	0♈ 6	5°43	11°18	11°43	19°56	15° 9	5°58	23°13	29°50	8°18	9°22	25° 8	n.a.	S 19
M20	17 2 12	14°29'53	14°24	7°47	12°30	12°23	19°49	15°16	5°56	23°12	29°49	8°15	9°18	25°14	n.a.	M20
T 21	17 6 9	15°27'15	28°43	9°52	13°41	13° 2	19°43	15°24	5°54	23°11	29°47	8° 9	9°15	25°21	n.a.	T 21
W22	17 10 5	16°24'38	13♉ 0	11°58	14°52	13°41	19°37	15°31	5°51	23°10	29°46	8° 2	9°12	25°28	n.a.	W22
T 23	17 14 2	17°22'03	27°10	14° 3	16° 4	14°20	19°31	15°38	5°49	23° 9	29°45	7°54	9° 9	25°34	n.a.	T 23
F 24	17 17 58	18°19'28	11♊ 7	16° 8	17°16	15° 0	19°25	15°45	5°47	23° 7	29°43	7°46	9° 6	25°41	n.a.	F 24
S 25	17 21 55	19°16'56	24°48	18°13	18°27	15°39	19°19	15°52	5°45	23° 6	29°42	7°39	9° 2	25°48	n.a.	S 25
S 26	17 25 52	20°14'24	8♋ 9	20°17	19°39	16°18	19°14	15°59	5°42	23° 5	29°41	7°34	8°59	25°54	n.a.	S 26
M27	17 29 48	21°11'53	21°10	22°21	20°51	16°57	19° 8	16° 6	5°40	23° 3	29°39	7°31	8°56	26° 1	n.a.	M27
T 28	17 33 45	22° 9'24	3♌51	24°23	22° 3	17°36	19° 3	16°13	5°38	23° 2	29°38	7°D29	8°53	26° 8	n.a.	T 28
W29	17 37 41	23° 6'56	16°13	26°24	23°15	18°15	18°58	16°20	5°36	23° 1	29°37	7°29	8°50	26°14	n.a.	W29
T 30	17 41 38	24♊ 4'28	28♌21	28♊24	24♉26	18♉54	18♏53	16♉27	5♑33	22♑59	29♏35	7♌31	8♌47	26♍21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n41	18n24	0s 7	11n 8	2s39	6n10	1s58	11n23	0s13	18s13	0n25	14n29	1s34	24s12	0s30	22s25	0s39	19s18	1n18	18n10	17n58	5n59		n.a.
T 2	19 55	15 50	0n57	11 41	2 28	6 38	1 57	11 38	0 13	18 11	0 25	14 32	1 34	24 12	0 30	22 25	0 39	19 17	1 18	18 10	17 59	5 57		n.a.
F 3	20 8	12 38	1 58	12 16	2 16	7 6	1 56	11 53	0 12	18 9	0 25	14 34	1 34	24 12	0 30	22 25	0 39	19 17	1 18	18 9	18 0	5 55		n.a.
S 4	20 21	8 58	2 53	12 52	2 4	7 33	1 55	12 7	0 11	18 7	0 24	14 37	1 34	24 13	0 30	22 25	0 39	19 17	1 18	18 10	18 1	5 53		n.a.
S 5	20 33	4 57	3 41	13 30	1 52	8 1	1 53	12 22	0 11	18 5	0 24	14 39	1 34	24 13	0 30	22 25	0 39	19 17	1 18	18 11	18 2	5 51		n.a.
M 6	20 45	0 44	4 19	14 8	1 40	8 28	1 52	12 37	0 10	18 4	0 24	14 41	1 34	24 13	0 31	22 25	0 39	19 16	1 18	18 12	18 2	5 48		n.a.
T 7	20 57	3s33	4 46	14 48	1 27	8 55	1 50	12 51	0 9	18 2	0 24	14 44	1 34	24 13	0 31	22 26	0 39	19 16	1 18	18 14	18 3	5 46		n.a.
W 8	21 8	7 45	5 1	15 28	1 14	9 22	1 49	13 5	0 9	18 0	0 24	14 46	1 34	24 13	0 31	22 26	0 39	19 16	1 18	18 17	18 4	5 44		n.a.
T 9	21 19	11 44	5 1	16 9	1 2	9 49	1 47	13 20	0 8	17 58	0 23	14 48	1 34	24 13	0 31	22 26	0 39	19 16	1 18	18 20	18 5	5 42		n.a.
F 10	21 30	15 15	4 47	16 49	0 49	10 16	1 45	13 34	0 8	17 56	0 23	14 51	1 34	24 13	0 31	22 26	0 39	19 16	1 17	18 23	18 6	5 40		n.a.
S 11	21 40	18 7	4 19	17 31	0 36	10 42	1 44	13 48	0 7	17 55	0 23	14 53	1 34	24 13	0 31	22 26	0 39	19 15	1 17	18 25	18 7	5 38		n.a.
S 12	21 50	20 6	3 36	18 11	0 24	11 9	1 42	14 2	0 6	17 53	0 23	14 55	1 34	24 13	0 31	22 27	0 39	19 15	1 17	18 28	18 8	5 36		n.a.
M13	22 0	21 1	2 40	18 52	0 12	11 35	1 40	14 15	0 6	17 51	0 23	14 57	1 34	24 14	0 31	22 27	0 39	19 15	1 17	18 29	18 9	5 34		n.a.
T 14	22 9	20 44	1 35	19 31	0n 0	12 0	1 38	14 29	0 5	17 49	0 23	15 0	1 34	24 14	0 31	22 27	0 39	19 15	1 17	18 30	18 9	5 31		n.a.
W15	22 18	19 14	0 23	20 10	0 12	12 26	1 36	14 43	0 4	17 48	0 22	15 2	1 34	24 14	0 31	22 27	0 39	19 15	1 17	18 31	18 10	5 29		n.a.
T 16	22 27	16 34	0s51	20 48	0 23	12 52	1 34	14 56	0 4	17 46	0 22	15 4	1 34	24 14	0 31	22 27	0 39	19 14	1 17	18 31	18 11	5 27		n.a.
F 17	22 35	12 56	2 2	21 23	0 33	13 17	1 32	15 9	0 3	17 44	0 22	15 6	1 34	24 14	0 31	22 28	0 39	19 14	1 17	18 30	18 12	5 25		n.a.
S 18	22 42	8 32	3 7	21 58	0 43	13 42	1 30	15 22	0 2	17 43	0 22	15 8	1 34	24 14	0 31	22 28	0 39	19 14	1 17	18 30	18 13	5 23		n.a.
S 19	22 50	3 38	4 1	22 30	0 52	14 6	1 28	15 35	0 2	17 41	0 22	15 11	1 34	24 14	0 31	22 28	0 39	19 14	1 17	18 31	18 14	5 21		n.a.
M20	22 57	1n28	4 41	23 0	1 1	14 30	1 25	15 48	0 1	17 40	0 21	15 13	1 34	24 14	0 31	22 28	0 39	19 14	1 16	18 32	18 15	5 19		n.a.
T 21	23 3	6 30	5 2	23 28	1 9	14 54	1 23	16 1	0 0	17 38	0 21	15 15	1 34	24 15	0 31	22 29	0 39	19 13	1 16	18 33	18 15	5 17		n.a.
W22	23 9	11 10	5 5	23 53	1 16	15 18	1 21	16 14	0n 0	17 37	0 21	15 17	1 34	24 15	0 31	22 29	0 39	19 13	1 16	18 35	18 16	5 14		n.a.
T 23	23 15	15 11	4 50	24 16	1 23	15 41	1 18	16 26	0 1	17 35	0 21	15 19	1 34	24 15	0 31	22 29	0 39	19 13	1 16	18 37	18 17	5 12		n.a.
F 24	23 20	18 16	4 17	24 36	1 29	16 4	1 16	16 39	0 2	17 34	0 21	15 21	1 34	24 15	0 31	22 29	0 39	19 13	1 16	18 39	18 18	5 10		n.a.
S 25	23 25	20 16	3 29	24 53	1 34	16 27	1 13	16 51	0 2	17 32	0 20	15 23	1 34	24 15	0 31	22 30	0 39	19 13	1 16	18 41	18 19	5 8		n.a.
S 26	23 30	21 5	2 32	25 8	1 38	16 49	1 11	17 3	0 3	17 31	0 20	15 25	1 34	24 15	0 31	22 30	0 39	19 12	1 16	18 42	18 20	5 6		n.a.
M27	23 34	20 44	1 27	25 20	1 42	17 11	1 8	17 15	0 4	17 30	0 20	15 27	1 34	24 15	0 31	22 30	0 39	19 12	1 16	18 43	18 21	5 4		n.a.
T 28	23 38	19 19	0 20	25 29	1 44	17 32	1 6	17 27	0 4	17 28	0 20	15 29	1 34	24 15	0 31	22 30	0 39	19 12	1 16	18 43	18 21	5 1		n.a.
W29	23 41	17 0	0n47	25 35	1 47	17 53	1 3	17 39	0 5	17 27	0 20	15 31	1 34	24 15	0 31	22 31	0 40	19 12	1 15	18 43	18 22	4 59		n.a.
T 30	23n44	13n59	1n51	25n39	1n48	18n14	1s 1	17n50	0n 6	17s26	0n20	15n33	1s34	24s16	0s31	22s31	0s40	19s12	1n15	18n43	18n23	4n57		n.a.

Julian Day Number = 1193788.5, Delta T = 09h29m30s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'27, Lahiri = -23°53'27 Julian Calendar 1 June 1445 BCE == Greg. Calendar 19 May 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

JULY 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 45 34	25♊ 2'02	10♍18	0♋23	25♉38	19♉33	18°R48	16♉34	5°R31	22°R58	29°R34	7♌32	8♌43	26♍28	n.a.	F 1
S 2	17 49 31	25°59'37	22°10	2°20	26°51	20°11	18♏43	16°41	5♑29	22♑57	29♏33	7°R33	8°40	26°35	n.a.	S 2
S 3	17 53 27	26°57'13	4♎ 1	4°16	28° 3	20°50	18°38	16°47	5°26	22°55	29°31	7°33	8°37	26°41	n.a.	S 3
M 4	17 57 24	27°54'50	15°57	6°11	29°15	21°29	18°34	16°54	5°24	22°54	29°30	7°31	8°34	26°48	n.a.	M 4
T 5	18 1 21	28°52'28	28° 2	8° 4	0♊27	22° 7	18°30	17° 0	5°21	22°52	29°29	7°28	8°31	26°55	n.a.	T 5
W 6	18 5 17	29°50'08	10♏20	9°56	1°39	22°46	18°25	17° 7	5°19	22°51	29°28	7°23	8°27	27° 1	n.a.	W 6
T 7	18 9 14	0♋47'49	22°54	11°46	2°52	23°24	18°22	17°13	5°17	22°49	29°26	7°17	8°24	27° 8	n.a.	T 7
F 8	18 13 10	1°45'31	5♐47	13°35	4° 4	24° 3	18°18	17°20	5°14	22°48	29°25	7°11	8°21	27°15	n.a.	F 8
S 9	18 17 7	2°43'15	18°57	15°23	5°17	24°41	18°14	17°26	5°12	22°46	29°24	7° 6	8°18	27°21	n.a.	S 9
S 10	18 21 3	3°41'00	2♑26	17° 9	6°29	25°20	18°11	17°33	5°10	22°45	29°23	7° 1	8°15	27°28	n.a.	S 10
M11	18 25 0	4°38'47	16°10	18°54	7°42	25°58	18° 7	17°39	5° 7	22°43	29°22	6°58	8°12	27°35	n.a.	M11
T 12	18 28 56	5°36'36	0♒ 7	20°37	8°55	26°36	18° 4	17°45	5° 5	22°42	29°21	6°D57	8° 8	27°41	n.a.	T 12
W13	18 32 53	6°34'26	14°13	22°19	10° 7	27°14	18° 2	17°51	5° 2	22°40	29°19	6°57	8° 5	27°48	n.a.	W13
T 14	18 36 50	7°32'19	28°25	24° 0	11°20	27°53	17°59	17°57	5° 0	22°38	29°18	6°58	8° 2	27°55	n.a.	T 14
F 15	18 40 46	8°30'13	12♓40	25°39	12°33	28°31	17°56	18° 3	4°58	22°37	29°17	6°59	7°59	28° 2	n.a.	F 15
S 16	18 44 43	9°28'09	26°55	27°17	13°46	29° 9	17°54	18° 9	4°55	22°35	29°16	7° 0	7°56	28° 8	n.a.	S 16
S 17	18 48 39	10°26'07	11♈ 8	28°54	14°59	29°47	17°52	18°15	4°53	22°34	29°15	7°R 1	7°53	28°15	n.a.	S 17
M18	18 52 36	11°24'07	25°16	0♌29	16°12	0♊25	17°50	18°21	4°50	22°32	29°14	7° 0	7°49	28°22	n.a.	M18
T 19	18 56 32	12°22'10	9♉18	2° 3	17°25	1° 3	17°48	18°27	4°48	22°30	29°13	6°58	7°46	28°28	n.a.	T 19
W20	19 0 29	13°20'14	23°11	3°36	18°38	1°40	17°46	18°32	4°46	22°29	29°12	6°56	7°43	28°35	n.a.	W20
T 21	19 4 25	14°18'21	6♊54	5° 7	19°51	2°18	17°45	18°38	4°43	22°27	29°11	6°52	7°40	28°42	n.a.	T 21
F 22	19 8 22	15°16'29	20°25	6°37	21° 5	2°56	17°44	18°44	4°41	22°26	29°10	6°49	7°37	28°48	n.a.	F 22
S 23	19 12 19	16°14'40	3♋41	8° 6	22°18	3°34	17°43	18°49	4°39	22°24	29° 9	6°46	7°33	28°55	n.a.	S 23
S 24	19 16 15	17°12'53	16°42	9°33	23°31	4°11	17°42	18°54	4°36	22°22	29° 9	6°44	7°30	29° 2	n.a.	S 24
M25	19 20 12	18°11'07	29°27	10°59	24°45	4°49	17°41	19° 0	4°34	22°21	29° 8	6°43	7°27	29° 8	n.a.	M25
T 26	19 24 8	19° 9'23	11♌57	12°24	25°58	5°26	17°41	19° 5	4°32	22°19	29° 7	6°D43	7°24	29°15	n.a.	T 26
W27	19 28 5	20° 7'42	24°14	13°47	27°12	6° 4	17°41	19°10	4°29	22°17	29° 6	6°44	7°21	29°22	n.a.	W27
T 28	19 32 1	21° 6'02	6♍18	15° 9	28°25	6°41	17°D40	19°15	4°27	22°16	29° 5	6°45	7°18	29°29	n.a.	T 28
F 29	19 35 58	22° 4'23	18°14	16°29	29°39	7°19	17°41	19°20	4°25	22°14	29° 5	6°47	7°14	29°35	n.a.	F 29
S 30	19 39 54	23° 2'47	0♎ 6	17°48	0♋53	7°56	17°41	19°25	4°23	22°12	29° 4	6°48	7°11	29°42	n.a.	S 30
S 31	19 43 51	24♋ 1'12	11♎57	19♌ 5	2♋ 6	8♊33	17♏41	19♉30	4♑21	22♑11	29♏ 3	6♌49	7♌ 8	29♍49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n46	10n26	2n49	25n41	1n49	18n34	0s58	18n 2	0n 6	17s25	0n19	15n35	1s34	24s16	0s31	22s31	0s40	19s11	1n15	18n43	18n24	4n55		n.a.	F 1
S 2	23 48	6 30	3 39	25 40	1 49	18 54	0 55	18 13	0 7	17 23	0 19	15 37	1 34	24 16	0 31	22 31	0 40	19 11	1 15	18 42	18 25	4 53		n.a.	S 2
S 3	23 50	2 20	4 19	25 36	1 49	19 13	0 53	18 24	0 8	17 22	0 19	15 39	1 34	24 16	0 31	22 32	0 40	19 11	1 15	18 42	18 26	4 51		n.a.	S 3
M 4	23 51	1s57	4 49	25 31	1 48	19 32	0 50	18 35	0 8	17 21	0 19	15 41	1 34	24 16	0 31	22 32	0 40	19 11	1 15	18 43	18 26	4 49		n.a.	M 4
T 5	23 51	6 12	5 7	25 23	1 47	19 50	0 47	18 46	0 9	17 20	0 19	15 43	1 34	24 16	0 31	22 32	0 40	19 11	1 15	18 44	18 27	4 46		n.a.	T 5
W 6	23 52	10 16	5 10	25 13	1 45	20 8	0 45	18 57	0 10	17 19	0 18	15 45	1 34	24 16	0 31	22 32	0 40	19 11	1 15	18 45	18 28	4 44		n.a.	W 6
T 7	23 52	14 0	4 59	25 2	1 42	20 25	0 42	19 7	0 10	17 18	0 18	15 46	1 34	24 16	0 31	22 33	0 40	19 11	1 14	18 47	18 29	4 42		n.a.	T 7
F 8	23 51	17 10	4 33	24 48	1 39	20 42	0 39	19 18	0 11	17 18	0 18	15 48	1 34	24 16	0 31	22 33	0 40	19 10	1 14	18 48	18 30	4 40		n.a.	F 8
S 9	23 50	19 32	3 52	24 33	1 36	20 58	0 36	19 28	0 12	17 17	0 18	15 50	1 34	24 17	0 31	22 33	0 40	19 10	1 14	18 50	18 31	4 38		n.a.	S 9
S 10	23 49	20 53	2 57	24 16	1 32	21 13	0 34	19 38	0 13	17 16	0 18	15 52	1 34	24 17	0 31	22 34	0 40	19 10	1 14	18 51	18 31	4 35		n.a.	S 10
M11	23 47	21 1	1 51	23 57	1 28	21 28	0 31	19 48	0 13	17 15	0 17	15 53	1 34	24 17	0 31	22 34	0 40	19 10	1 14	18 51	18 32	4 33		n.a.	M11
T 12	23 44	19 53	0 37	23 37	1 23	21 43	0 28	19 58	0 14	17 15	0 17	15 55	1 34	24 17	0 31	22 34	0 40	19 10	1 14	18 52	18 33	4 31		n.a.	T 12
W13	23 42	17 29	0s40	23 16	1 18	21 57	0 25	20 8	0 15	17 14	0 17	15 57	1 34	24 17	0 31	22 34	0 40	19 10	1 14	18 52	18 34	4 29		n.a.	W13
T 14	23 39	14 2	1 55	22 53	1 13	22 10	0 22	20 17	0 15	17 13	0 17	15 58	1 34	24 17	0 31	22 35	0 40	19 10	1 14	18 52	18 35	4 27		n.a.	T 14
F 15	23 35	9 44	3 3	22 29	1 7	22 23	0 20	20 26	0 16	17 13	0 17	16 0	1 34	24 17	0 31	22 35	0 40	19 10	1 13	18 51	18 36	4 25		n.a.	F 15
S 16	23 31	4 55	4 1	22 4	1 1	22 35	0 17	20 36	0 17	17 12	0 16	16 2	1 35	24 17	0 31	22 35	0 40	19 9	1 13	18 51	18 37	4 22		n.a.	S 16
S 17	23 27	0n 9	4 43	21 39	0 55	22 46	0 14	20 45	0 17	17 12	0 16	16 3	1 35	24 17	0 31	22 36	0 40	19 9	1 13	18 51	18 37	4 20		n.a.	S 17
M18	23 22	5 11	5 8	21 12	0 49	22 57	0 11	20 54	0 18	17 12	0 16	16 5	1 35	24 17	0 31	22 36	0 40	19 9	1 13	18 51	18 38	4 18		n.a.	M18
T 19	23 17	9 53	5 14	20 44	0 42	23 7	0 9	21 2	0 19	17 11	0 16	16 6	1 35	24 18	0 31	22 36	0 40	19 9	1 13	18 51	18 39	4 16		n.a.	T 19
W20	23 11	14 2	5 2	20 16	0 35	23 16	0 6	21 11	0 20	17 11	0 16	16 8	1 35	24 18	0 31	22 36	0 40	19 9	1 13	18 52	18 40	4 14		n.a.	W20
T 21	23 5	17 22	4 32	19 46	0 28	23 25	0 3	21 19	0 20	17 11	0 15	16 9	1 35	24 18	0 31	22 37	0 40	19 9	1 13	18 53	18 41	4 11		n.a.	T 21
F 22	22 58	19 43	3 48	19 17	0 20	23 33	0 0	21 28	0 21	17 11	0 15	16 11	1 35	24 18	0 31	22 37	0 40	19 9	1 13	18 54	18 41	4 9		n.a.	F 22
S 23	22 51	20 56	2 52	18 46	0 13	23 40	0n 2	21 36	0 22	17 10	0 15	16 12	1 35	24 18	0 31	22 37	0 40	19 9	1 12	18 54	18 42	4 7		n.a.	S 23
S 24	22 44	21 0	1 48	18 15	0 5	23 47	0 5	21 44	0 23	17 10	0 15	16 14	1 35	24 18	0 31	22 38	0 40	19 9	1 12	18 55	18 43	4 5		n.a.	S 24
M25	22 36	19 58	0 40	17 44	0s 3	23 53	0 8	21 51	0 23	17 10	0 15	16 15	1 35	24 18	0 31	22 38	0 40	19 9	1 12	18 55	18 44	4 3		n.a.	M25
T 26	22 28	17 58	0n29	17 12	0 11	23 58	0 10	21 59	0 24	17 10	0 14	16 17	1 35	24 18	0 31	22 38	0 40	19 9	1 12	18 55	18 45	4 0		n.a.	T 26
W27	22 19	15 10	1 35	16 41	0 19	24 3	0 13	22 6	0 25	17 11	0 14	16 18	1 35	24 18	0 31	22 38	0 40	19 9	1 12	18 55	18 46	3 58		n.a.	W27
T 28	22 10	11 46	2 36	16 8	0 28	24 7	0 16	22 14	0 25	17 11	0 14	16 19	1 35	24 18	0 31	22 39	0 40	19 8	1 12	18 55	18 46	3 56		n.a.	T 28
F 29	22 1	7 56	3 30	15 36	0 36	24 10	0 18	22 21	0 26	17 11	0 14	16 21	1 35	24 18	0 31	22 39	0 40	19 8	1 12	18 54	18 47	3 54		n.a.	F 29
S 30	21 51	3 50	4 14	15 4	0 45	24 12	0 21	22 28	0 27	17 11	0 14	16 22	1 35	24 18	0 31	22 39	0 40	19 8	1 12	18 54	18 48	3 52		n.a.	S 30
S 31	21n41	0s24	4n48	14n31	0s53	24n14	0n23	22n35	0n28	17s12	0n13	16n23	1s35	24s18	0s31	22s40	0s40	19s 8	1n11	18n54	18n49	3n49		n.a.	S 31

Julian Day Number = 1193818.5, Delta T = 09h29m28s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'23, Lahiri = -23°53'23 Julian Calendar 1 July 1445 BCE == Greg. Calendar 18 June 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

AUGUST 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 47 48	24♋59'39	23♎52	20♌21	3♋20	9♊10	17♏42	19♉35	4°R18	22°R 9	29°R 2	6°R49	7♌ 5	29♍55	n.a.	M 1
T 2	19 51 44	25°58'07	5♏56	21°35	4°34	9°47	17°43	19°39	4♉16	22♉ 7	29♏ 2	6♌49	7° 2	0♎ 2	n.a.	T 2
W 3	19 55 41	26°56'38	18°14	22°47	5°48	10°25	17°44	19°44	4°14	22° 6	29° 1	6°48	6°59	0° 9	n.a.	W 3
T 4	19 59 37	27°55'10	0♐49	23°57	7° 2	11° 2	17°45	19°49	4°12	22° 4	29° 1	6°47	6°55	0°15	n.a.	T 4
F 5	20 3 34	28°53'45	13°45	25° 6	8°16	11°38	17°47	19°53	4°10	22° 2	29° 0	6°46	6°52	0°22	n.a.	F 5
S 6	20 7 30	29°52'21	27° 3	26°12	9°30	12°15	17°48	19°57	4° 8	22° 1	28°59	6°45	6°49	0°29	n.a.	S 6
S 7	20 11 27	0♌50'59	10♑45	27°16	10°44	12°52	17°50	20° 2	4° 6	21°59	28°59	6°45	6°46	0°36	n.a.	S 7
M 8	20 15 23	1°49'39	24°47	28°18	11°58	13°29	17°52	20° 6	4° 4	21°58	28°58	6°44	6°43	0°42	n.a.	M 8
T 9	20 19 20	2°48'21	9♒ 8	29°17	13°12	14° 6	17°55	20°10	4° 2	21°56	28°58	6°D44	6°39	0°49	n.a.	T 9
W10	20 23 16	3°47'06	23°41	0♍13	14°26	14°42	17°57	20°14	4° 0	21°54	28°58	6°44	6°36	0°56	n.a.	W10
T 11	20 27 13	4°45'52	8♓21	1° 7	15°41	15°19	18° 0	20°18	3°58	21°53	28°57	6°44	6°33	1° 2	n.a.	T 11
F 12	20 31 10	5°44'41	23° 1	1°58	16°55	15°55	18° 2	20°21	3°56	21°51	28°57	6°45	6°30	1° 9	n.a.	F 12
S 13	20 35 6	6°43'32	7♈35	2°45	18° 9	16°32	18° 5	20°25	3°54	21°50	28°56	6°R45	6°27	1°16	n.a.	S 13
S 14	20 39 3	7°42'26	21°59	3°29	19°24	17° 8	18° 8	20°29	3°52	21°48	28°56	6°45	6°24	1°22	n.a.	S 14
M15	20 42 59	8°41'22	6♉ 9	4° 9	20°38	17°45	18°12	20°32	3°50	21°46	28°56	6°D45	6°20	1°29	n.a.	M15
T 16	20 46 56	9°40'20	20° 3	4°44	21°53	18°21	18°15	20°36	3°48	21°45	28°56	6°45	6°17	1°36	n.a.	T 16
W17	20 50 52	10°39'22	3♊42	5°15	23° 7	18°57	18°19	20°39	3°47	21°43	28°55	6°45	6°14	1°42	n.a.	W17
T 18	20 54 49	11°38'25	17° 4	5°41	24°22	19°33	18°23	20°42	3°45	21°42	28°55	6°45	6°11	1°49	n.a.	T 18
F 19	20 58 45	12°37'31	0♋11	6° 2	25°36	20° 9	18°27	20°45	3°43	21°40	28°55	6°46	6° 8	1°56	n.a.	F 19
S 20	21 2 42	13°36'40	13° 4	6°17	26°51	20°45	18°31	20°48	3°41	21°39	28°55	6°46	6° 5	2° 3	n.a.	S 20
S 21	21 6 39	14°35'51	25°43	6°26	28° 6	21°21	18°35	20°51	3°40	21°37	28°55	6°47	6° 1	2° 9	n.a.	S 21
M22	21 10 35	15°35'04	8♌11	6°R28	29°20	21°57	18°40	20°54	3°38	21°36	28°55	6°R47	5°58	2°16	n.a.	M22
T 23	21 14 32	16°34'19	20°27	6°24	0♌35	22°33	18°45	20°57	3°37	21°34	28°55	6°47	5°55	2°23	n.a.	T 23
W24	21 18 28	17°33'36	2♍34	6°12	1°50	23° 9	18°50	20°59	3°35	21°33	28°D55	6°46	5°52	2°29	n.a.	W24
T 25	21 22 25	18°32'56	14°34	5°52	3° 5	23°45	18°55	21° 2	3°34	21°31	28°55	6°44	5°49	2°36	n.a.	T 25
F 26	21 26 21	19°32'17	26°27	5°24	4°20	24°20	19° 0	21° 4	3°32	21°30	28°55	6°43	5°45	2°43	n.a.	F 26
S 27	21 30 18	20°31'41	8♎18	4°48	5°35	24°56	19° 5	21° 7	3°31	21°29	28°55	6°41	5°42	2°49	n.a.	S 27
S 28	21 34 14	21°31'07	20° 8	4° 5	6°49	25°31	19°11	21° 9	3°29	21°27	28°55	6°39	5°39	2°56	n.a.	S 28
M29	21 38 11	22°30'34	2♏ 2	3°14	8° 4	26° 7	19°17	21°11	3°28	21°26	28°55	6°37	5°36	3° 3	n.a.	M29
T 30	21 42 7	23°30'04	14° 4	2°16	9°19	26°42	19°23	21°13	3°27	21°25	28°55	6°36	5°33	3°10	n.a.	T 30
W31	21 46 4	24♌29'35	26♏18	1♍12	10♌34	27♊17	19♏29	21♉15	3♑26	21♑23	28♏55	6°D36	5♌30	3♎16	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	21n31	4s39	5n 9	13n59	1s 2	24n15	0n26	22n41	0n28	17s12	0n13	16n24	1s36	24s19	0s31	22s40	0s40	19s 8	1n11	18n54		18n50		3n47			n.a.
T 2	21 20	8 46	5 17	13 27	1 11	24 15	0 28	22 48	0 29	17 12	0 13	16 26	1 36	24 19	0 31	22 40	0 40	19 8	1 11	18 54		18 51		3 45			n.a.
W 3	21 8	12 35	5 11	12 55	1 20	24 15	0 31	22 54	0 30	17 13	0 13	16 27	1 36	24 19	0 31	22 40	0 40	19 8	1 11	18 54		18 51		3 43			n.a.
T 4	20 57	15 58	4 50	12 23	1 28	24 13	0 33	23 0	0 31	17 13	0 13	16 28	1 36	24 19	0 31	22 41	0 40	19 8	1 11	18 54		18 52		3 40			n.a.
F 5	20 45	18 40	4 13	11 52	1 37	24 11	0 35	23 6	0 31	17 14	0 13	16 29	1 36	24 19	0 31	22 41	0 40	19 8	1 11	18 55		18 53		3 38			n.a.
S 6	20 32	20 27	3 23	11 21	1 46	24 9	0 38	23 12	0 32	17 15	0 12	16 30	1 36	24 19	0 31	22 41	0 40	19 8	1 11	18 55		18 54		3 36			n.a.
S 7	20 19	21 6	2 19	10 50	1 55	24 5	0 40	23 17	0 33	17 15	0 12	16 31	1 36	24 19	0 31	22 42	0 40	19 8	1 11	18 55		18 55		3 34			n.a.
M 8	20 6	20 28	1 6	10 21	2 4	24 1	0 42	23 23	0 34	17 16	0 12	16 32	1 36	24 19	0 31	22 42	0 40	19 8	1 10	18 55		18 55		3 32			n.a.
T 9	19 53	18 30	0s13	9 52	2 12	23 56	0 45	23 28	0 35	17 17	0 12	16 33	1 36	24 19	0 31	22 42	0 40	19 8	1 10	18 55		18 56		3 29			n.a.
W10	19 39	15 19	1 33	9 24	2 21	23 50	0 47	23 33	0 35	17 18	0 12	16 34	1 36	24 19	0 31	22 42	0 40	19 8	1 10	18 55		18 57		3 27			n.a.
T 11	19 25	11 9	2 47	8 57	2 29	23 44	0 49	23 38	0 36	17 19	0 11	16 35	1 36	24 19	0 31	22 43	0 40	19 8	1 10	18 55		18 58		3 25			n.a.
F 12	19 10	6 19	3 50	8 31	2 38	23 37	0 51	23 43	0 37	17 20	0 11	16 36	1 37	24 19	0 31	22 43	0 40	19 9	1 10	18 55		18 59		3 23			n.a.
S 13	18 55	1 10	4 37	8 6	2 46	23 29	0 53	23 48	0 38	17 21	0 11	16 37	1 37	24 19	0 31	22 43	0 40	19 9	1 10	18 55		18 59		3 20			n.a.
S 14	18 40	3n58	5 7	7 43	2 53	23 20	0 55	23 52	0 38	17 22	0 11	16 38	1 37	24 19	0 31	22 43	0 40	19 9	1 10	18 55		19 0		3 18			n.a.
M15	18 24	8 49	5 17	7 22	3 1	23 11	0 57	23 56	0 39	17 23	0 11	16 39	1 37	24 19	0 31	22 44	0 40	19 9	1 10	18 55		19 1		3 16			n.a.
T 16	18 9	13 7	5 9	7 2	3 8	23 1	0 59	24 0	0 40	17 24	0 11	16 40	1 37	24 19	0 31	22 44	0 40	19 9	1 9	18 55		19 2		3 14			n.a.
W17	17 52	16 38	4 43	6 44	3 15	22 50	1 0	24 4	0 41	17 25	0 10	16 40	1 37	24 19	0 31	22 44	0 40	19 9	1 9	18 55		19 3		3 11			n.a.
T 18	17 36	19 12	4 2	6 29	3 21	22 39	1 2	24 8	0 42	17 26	0 10	16 41	1 37	24 20	0 31	22 44	0 40	19 9	1 9	18 55		19 4		3 9			n.a.
F 19	17 19	20 42	3 9	6 16	3 26	22 27	1 4	24 12	0 42	17 28	0 10	16 42	1 37	24 20	0 31	22 45	0 40	19 9	1 9	18 55		19 4		3 7			n.a.
S 20	17 2	21 5	2 8	6 6	3 31	22 14	1 6	24 15	0 43	17 29	0 10	16 43	1 37	24 20	0 31	22 45	0 40	19 9	1 9	18 54		19 5		3 5			n.a.
S 21	16 45	20 23	1 1	5 59	3 35	22 0	1 7	24 19	0 44	17 30	0 10	16 43	1 37	24 20	0 31	22 45	0 40	19 9	1 9	18 54		19 6		3 2			n.a.
M22	16 27	18 40	0n 8	5 55	3 38	21 46	1 9	24 22	0 45	17 32	0 10	16 44	1 37	24 20	0 31	22 45	0 40	19 9	1 9	18 54		19 7		3 0			n.a.
T 23	16 9	16 7	1 15	5 55	3 40	21 31	1 10	24 25	0 46	17 33	0 9	16 45	1 38	24 20	0 31	22 46	0 40	19 9	1 8	18 54		19 8		2 58			n.a.
W24	15 51	12 53	2 18	5 59	3 41	21 16	1 12	24 27	0 47	17 35	0 9	16 45	1 38	24 20	0 31	22 46	0 40	19 10	1 8	18 55		19 8		2 56			n.a.
T 25	15 32	9 10	3 14	6 7	3 41	21 0	1 13	24 30	0 47	17 36	0 9	16 46	1 38	24 20	0 31	22 46	0 40	19 10	1 8	18 55		19 9		2 53			n.a.
F 26	15 13	5 7	4 2	6 19	3 39	20 43	1 14	24 33	0 48	17 38	0 9	16 46	1 38	24 20	0 31	22 46	0 40	19 10	1 8	18 55		19 10		2 51			n.a.
S 27	14 54	0 54	4 38	6 35	3 35	20 26	1 15	24 35	0 49	17 40	0 9	16 47	1 38	24 20	0 31	22 47	0 40	19 10	1 8	18 56		19 11		2 49			n.a.
S 28	14 35	3s20	5 3	6 56	3 30	20 8	1 17	24 37	0 50	17 41	0 9	16 47	1 38	24 20	0 31	22 47	0 40	19 10	1 8	18 57		19 12		2 47			n.a.
M29	14 15	7 28	5 15	7 22	3 22	19 49	1 18	24 39	0 51	17 43	0 8	16 48	1 38	24 20	0 31	22 47	0 40	19 10	1 8	18 57		19 12		2 44			n.a.
T 30	13 55	11 22	5 13	7 51	3 13	19 30	1 19	24 41	0 52	17 45	0 8	16 48	1 38	24 20	0 31	22 47	0 40	19 10	1 8	18 57		19 13		2 42			n.a.
W31	13n35	14s51	4n57	8n25	3s 2	19n10	1n20	24n43	0n52	17s47	0n 8	16n49	1s38	24s20	0s31	22s48	0s40	19s11	1n 7	18n57		19n14		2n40			n.a.

Julian Day Number = 1193849.5, Delta T = 09h29m26s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'19, Lahiri = -23°53'18 Julian Calendar 1 Aug. 1445 BCE == Greg. Calendar 19 July 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

SEPTEMBER 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 50 1	25♌29'09	8♐48	0°R 4	11♌49	27♊52	19♏35	21♉16	3°R24	21°R22	28♏55	6♌36	5♌26	3♎23	n.a.	T 1
F 2	21 53 57	26°28'44	21°40	28♌53	13° 5	28°27	19°41	21°18	3♑23	21♑21	28°56	6°37	5°23	3°30	n.a.	F 2
S 3	21 57 54	27°28'21	4♑55	27°40	14°20	29° 2	19°48	21°20	3°22	21°19	28°56	6°39	5°20	3°36	n.a.	S 3
S 4	22 1 50	28°28'01	18°38	26°28	15°35	29°37	19°55	21°21	3°21	21°18	28°56	6°40	5°17	3°43	n.a.	S 4
M 5	22 5 47	29°27'42	2♒47	25°19	16°50	0♋12	20° 2	21°22	3°20	21°17	28°57	6°R41	5°14	3°50	n.a.	M 5
T 6	22 9 43	0♍27'25	17°20	24°15	18° 5	0°47	20° 9	21°23	3°19	21°16	28°57	6°41	5°11	3°57	n.a.	T 6
W 7	22 13 40	1°27'10	2♓12	23°17	19°20	1°22	20°16	21°25	3°18	21°15	28°57	6°39	5° 7	4° 3	n.a.	W 7
T 8	22 17 36	2°26'57	17°16	22°28	20°36	1°56	20°23	21°25	3°17	21°13	28°58	6°36	5° 4	4°10	n.a.	T 8
F 9	22 21 33	3°26'47	2♈22	21°49	21°51	2°31	20°31	21°26	3°16	21°12	28°58	6°33	5° 1	4°17	n.a.	F 9
S 10	22 25 29	4°26'39	17°21	21°20	23° 6	3° 5	20°38	21°27	3°16	21°11	28°59	6°29	4°58	4°23	n.a.	S 10
S 11	22 29 26	5°26'33	2♉ 4	21° 3	24°21	3°40	20°46	21°28	3°15	21°10	28°59	6°25	4°55	4°30	n.a.	S 11
M12	22 33 23	6°26'29	16°27	20°D57	25°37	4°14	20°54	21°28	3°14	21° 9	29° 0	6°22	4°51	4°37	n.a.	M12
T 13	22 37 19	7°26'28	0♊26	21° 2	26°52	4°48	21° 2	21°29	3°14	21° 8	29° 0	6°21	4°48	4°43	n.a.	T 13
W14	22 41 16	8°26'29	14° 1	21°18	28° 7	5°22	21°10	21°29	3°13	21° 7	29° 1	6°D21	4°45	4°50	n.a.	W14
T 15	22 45 12	9°26'33	27°13	21°44	29°23	5°56	21°18	21°29	3°12	21° 6	29° 2	6°22	4°42	4°57	n.a.	T 15
F 16	22 49 9	10°26'39	10♋ 5	22°20	0♍38	6°30	21°27	21°R29	3°12	21° 5	29° 2	6°24	4°39	5° 4	n.a.	F 16
S 17	22 53 5	11°26'47	22°41	23° 4	1°54	7° 4	21°35	21°29	3°11	21° 4	29° 3	6°25	4°36	5°10	n.a.	S 17
S 18	22 57 2	12°26'58	5♌ 4	23°56	3° 9	7°38	21°44	21°29	3°11	21° 3	29° 4	6°R26	4°32	5°17	n.a.	S 18
M19	23 0 58	13°27'10	17°15	24°55	4°25	8°11	21°53	21°29	3°11	21° 2	29° 5	6°25	4°29	5°24	n.a.	M19
T 20	23 4 55	14°27'25	29°19	26° 0	5°40	8°45	22° 2	21°28	3°10	21° 2	29° 5	6°23	4°26	5°30	n.a.	T 20
W21	23 8 51	15°27'41	11♍17	27°11	6°56	9°18	22°11	21°28	3°10	21° 1	29° 6	6°18	4°23	5°37	n.a.	W21
T 22	23 12 48	16°28'00	23°11	28°26	8°11	9°52	22°20	21°27	3°10	21° 0	29° 7	6°12	4°20	5°44	n.a.	T 22
F 23	23 16 45	17°28'20	5♎ 3	29°45	9°27	10°25	22°30	21°26	3°10	20°59	29° 8	6° 4	4°16	5°51	n.a.	F 23
S 24	23 20 41	18°28'43	16°53	1♍ 8	10°42	10°58	22°39	21°26	3°10	20°58	29° 9	5°56	4°13	5°57	n.a.	S 24
S 25	23 24 38	19°29'07	28°45	2°33	11°58	11°31	22°49	21°25	3°D10	20°58	29°10	5°47	4°10	6° 4	n.a.	S 25
M26	23 28 34	20°29'32	10♏40	4° 1	13°13	12° 4	22°58	21°23	3°10	20°57	29°11	5°40	4° 7	6°11	n.a.	M26
T 27	23 32 31	21°30'00	22°42	5°30	14°29	12°37	23° 8	21°22	3°10	20°57	29°12	5°34	4° 4	6°17	n.a.	T 27
W28	23 36 27	22°30'29	4♐53	7° 2	15°44	13°10	23°18	21°21	3°10	20°56	29°13	5°30	4° 1	6°24	n.a.	W28
T 29	23 40 24	23°30'59	17°19	8°34	17° 0	13°42	23°28	21°20	3°10	20°55	29°14	5°28	3°57	6°31	n.a.	T 29
F 30	23 44 20	24♍31'31	0♑ 3	10♍ 8	18♍16	14♋15	23♏38	21♉18	3♑10	20♑55	29♏15	5°D28	3♌54	6♎37	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n15	17s45	4n27	9n 1	2s48	18n50	1n21	24n44	0n53	17s49	0n 8	16n49	1s38	24s20	0s31	22s48	0s40	19s11	1n 7	18n57	19n15	2n37		n.a.
F 2	12 55	19 53	3 43	9 41	2 33	18 29	1 21	24 45	0 54	17 51	0 8	16 49	1 39	24 20	0 31	22 48	0 40	19 11	1 7	18 57	19 15	2 35		n.a.
S 3	12 34	21 0	2 46	10 22	2 16	18 8	1 22	24 47	0 55	17 53	0 8	16 50	1 39	24 20	0 31	22 48	0 40	19 11	1 7	18 56	19 16	2 33		n.a.
S 4	12 13	20 56	1 38	11 4	1 58	17 46	1 23	24 48	0 56	17 55	0 8	16 50	1 39	24 20	0 31	22 48	0 40	19 11	1 7	18 56	19 17	2 31		n.a.
M 5	11 52	19 32	0 21	11 46	1 39	17 24	1 24	24 49	0 57	17 57	0 7	16 50	1 39	24 20	0 31	22 49	0 40	19 12	1 7	18 56	19 18	2 28		n.a.
T 6	11 30	16 50	0s58	12 27	1 19	17 1	1 24	24 49	0 58	17 59	0 7	16 50	1 39	24 20	0 31	22 49	0 40	19 12	1 7	18 56	19 19	2 26		n.a.
W 7	11 9	12 59	2 16	13 5	0 58	16 37	1 25	24 50	0 59	18 1	0 7	16 50	1 39	24 20	0 31	22 49	0 40	19 12	1 6	18 56	19 19	2 24		n.a.
T 8	10 47	8 15	3 25	13 40	0 38	16 14	1 25	24 50	0 59	18 3	0 7	16 51	1 39	24 20	0 31	22 49	0 40	19 12	1 6	18 57	19 20	2 21		n.a.
F 9	10 25	3 0	4 20	14 12	0 18	15 49	1 26	24 51	1 0	18 5	0 7	16 51	1 39	24 20	0 31	22 49	0 40	19 12	1 6	18 58	19 21	2 19		n.a.
S 10	10 3	2n23	4 56	14 39	0n 1	15 24	1 26	24 51	1 1	18 7	0 7	16 51	1 39	24 20	0 31	22 49	0 40	19 13	1 6	18 59	19 22	2 17		n.a.
S 11	9 41	7 31	5 12	15 2	0 19	14 59	1 26	24 51	1 2	18 9	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 13	1 6	19 0	19 23	2 15		n.a.
M12	9 18	12 8	5 8	15 20	0 36	14 34	1 26	24 51	1 3	18 12	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 13	1 6	19 1	19 23	2 12		n.a.
T 13	8 56	15 56	4 46	15 32	0 51	14 8	1 27	24 50	1 4	18 14	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 13	1 6	19 1	19 24	2 10		n.a.
W14	8 33	18 47	4 8	15 40	1 5	13 41	1 27	24 50	1 5	18 16	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 14	1 6	19 1	19 25	2 8		n.a.
T 15	8 10	20 32	3 18	15 43	1 17	13 14	1 27	24 49	1 6	18 19	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 14	1 5	19 1	19 26	2 5		n.a.
F 16	7 47	21 10	2 19	15 42	1 28	12 47	1 26	24 49	1 7	18 21	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 14	1 5	19 0	19 26	2 3		n.a.
S 17	7 24	20 42	1 14	15 36	1 37	12 20	1 26	24 48	1 8	18 23	0 6	16 51	1 40	24 20	0 31	22 50	0 40	19 14	1 5	19 0	19 27	2 1		n.a.
S 18	7 0	19 13	0 8	15 25	1 45	11 52	1 26	24 47	1 9	18 26	0 5	16 51	1 40	24 20	0 31	22 51	0 40	19 15	1 5	19 0	19 28	1 59		n.a.
M19	6 37	16 52	0n59	15 11	1 51	11 24	1 26	24 46	1 10	18 28	0 5	16 50	1 40	24 20	0 31	22 51	0 40	19 15	1 5	19 0	19 29	1 56		n.a.
T 20	6 13	13 48	2 1	14 54	1 57	10 55	1 26	24 44	1 11	18 31	0 5	16 50	1 40	24 20	0 30	22 51	0 40	19 15	1 5	19 1	19 30	1 54		n.a.
W21	5 50	10 11	2 58	14 33	2 1	10 26	1 25	24 43	1 11	18 33	0 5	16 50	1 40	24 20	0 30	22 51	0 40	19 16	1 5	19 2	19 30	1 52		n.a.
T 22	5 26	6 12	3 46	14 9	2 4	9 57	1 25	24 42	1 12	18 36	0 5	16 50	1 41	24 20	0 30	22 51	0 40	19 16	1 5	19 3	19 31	1 49		n.a.
F 23	5 2	2 0	4 25	13 43	2 6	9 28	1 24	24 40	1 13	18 39	0 5	16 49	1 41	24 20	0 30	22 51	0 40	19 16	1 4	19 5	19 32	1 47		n.a.
S 24	4 38	2s16	4 52	13 14	2 7	8 58	1 24	24 38	1 14	18 41	0 5	16 49	1 41	24 20	0 30	22 51	0 40	19 17	1 4	19 7	19 33	1 45		n.a.
S 25	4 14	6 28	5 6	12 43	2 7	8 28	1 23	24 36	1 15	18 44	0 4	16 49	1 41	24 20	0 30	22 51	0 40	19 17	1 4	19 9	19 33	1 42		n.a.
M26	3 50	10 26	5 7	12 10	2 6	7 58	1 22	24 34	1 16	18 46	0 4	16 48	1 41	24 20	0 30	22 52	0 40	19 17	1 4	19 11	19 34	1 40		n.a.
T 27	3 26	14 1	4 55	11 35	2 5	7 28	1 21	24 32	1 17	18 49	0 4	16 48	1 41	24 20	0 30	22 52	0 40	19 18	1 4	19 13	19 35	1 38		n.a.
W28	3 1	17 5	4 29	10 59	2 3	6 57	1 21	24 30	1 18	18 52	0 4	16 48	1 41	24 20	0 30	22 52	0 40	19 18	1 4	19 14	19 36	1 36		n.a.
T 29	2 37	19 26	3 50	10 21	2 0	6 26	1 20	24 28	1 19	18 54	0 4	16 47	1 41	24 20	0 30	22 52	0 40	19 18	1 4	19 14	19 36	1 33		n.a.
F 30	2n13	20s53	2n59	9n43	1n57	5n55	1n19	24n25	1n20	18s57	0n 4	16n47	1s41	24s20	0s30	22s52	0s40	19s19	1n 4	19n14	19n37	1n31		n.a.

Julian Day Number = 1193880.5, Delta T = 09h29m24s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'15, Lahiri = -23°53'14 Julian Calendar 1 Sept. 1445 BCE == Greg. Calendar 19 Aug. 1445 BCE

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

OCTOBER 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 48 17	25♍32'05	13♉10	11♍42	19♍31	14♋47	23♏49	21°R16	3♉10	20°R54	29♏16	5♌29	3♌51	6♎44	n.a.	S 1
S 2	23 52 14	26°32'40	26°43	13°17	20°47	15°19	23°59	21♉15	3°11	20♉54	29°17	5°30	3°48	6°51	n.a.	S 2
M 3	23 56 10	27°33'16	10♒45	14°52	22° 2	15°51	24°10	21°13	3°11	20°53	29°18	5°R30	3°45	6°58	n.a.	M 3
T 4	0 0 7	28°33'54	25°14	16°28	23°18	16°23	24°20	21°11	3°12	20°53	29°19	5°29	3°42	7° 4	n.a.	T 4
W 5	0 4 3	29°34'33	10♓ 9	18° 4	24°34	16°55	24°31	21° 9	3°12	20°53	29°21	5°25	3°38	7°11	n.a.	W 5
T 6	0 8 0	0♎35'13	25°22	19°40	25°49	17°27	24°42	21° 7	3°13	20°52	29°22	5°18	3°35	7°18	n.a.	T 6
F 7	0 11 56	1°35'55	10♈42	21°16	27° 5	17°58	24°53	21° 4	3°13	20°52	29°23	5°10	3°32	7°24	n.a.	F 7
S 8	0 15 53	2°36'39	26° 0	22°52	28°21	18°30	25° 4	21° 2	3°14	20°52	29°24	5° 1	3°29	7°31	n.a.	S 8
S 9	0 19 49	3°37'25	11♉ 2	24°29	29°36	19° 1	25°15	20°59	3°14	20°52	29°26	4°52	3°26	7°38	n.a.	S 9
M10	0 23 46	4°38'12	25°42	26° 5	0♎52	19°32	25°26	20°57	3°15	20°51	29°27	4°45	3°22	7°45	n.a.	M10
T 11	0 27 42	5°39'01	9♊54	27°41	2° 7	20° 4	25°37	20°54	3°16	20°51	29°28	4°40	3°19	7°51	n.a.	T 11
W12	0 31 39	6°39'51	23°36	29°17	3°23	20°34	25°49	20°51	3°17	20°51	29°30	4°37	3°16	7°58	n.a.	W12
T 13	0 35 36	7°40'44	6♋49	0♎52	4°39	21° 5	26° 0	20°49	3°18	20°51	29°31	4°D36	3°13	8° 5	n.a.	T 13
F 14	0 39 32	8°41'38	19°39	2°28	5°54	21°36	26°12	20°46	3°19	20°51	29°32	4°36	3°10	8°11	n.a.	F 14
S 15	0 43 29	9°42'33	2♌ 8	4° 3	7°10	22° 6	26°23	20°43	3°20	20°D51	29°34	4°R37	3° 7	8°18	n.a.	S 15
S 16	0 47 25	10°43'30	14°21	5°39	8°26	22°37	26°35	20°39	3°21	20°51	29°35	4°36	3° 3	8°25	n.a.	S 16
M17	0 51 22	11°44'29	26°24	7°14	9°41	23° 7	26°47	20°36	3°22	20°51	29°37	4°34	3° 0	8°32	n.a.	M17
T 18	0 55 18	12°45'29	8♍19	8°49	10°57	23°37	26°59	20°33	3°23	20°51	29°38	4°29	2°57	8°38	n.a.	T 18
W19	0 59 15	13°46'30	20°11	10°24	12°13	24° 7	27°11	20°29	3°24	20°51	29°40	4°21	2°54	8°45	n.a.	W19
T 20	1 3 11	14°47'33	2♎ 2	11°59	13°28	24°37	27°23	20°26	3°25	20°51	29°41	4°10	2°51	8°52	n.a.	T 20
F 21	1 7 8	15°48'37	13°53	13°33	14°44	25° 6	27°35	20°22	3°26	20°51	29°43	3°57	2°47	8°58	n.a.	F 21
S 22	1 11 5	16°49'42	25°46	15° 8	16° 0	25°35	27°47	20°19	3°28	20°52	29°45	3°42	2°44	9° 5	n.a.	S 22
S 23	1 15 1	17°50'48	7♏43	16°43	17°15	26° 5	27°59	20°15	3°29	20°52	29°46	3°28	2°41	9°12	n.a.	S 23
M24	1 18 58	18°51'55	19°44	18°17	18°31	26°34	28°12	20°11	3°31	20°52	29°48	3°15	2°38	9°18	n.a.	M24
T 25	1 22 54	19°53'03	1♐51	19°51	19°47	27° 2	28°24	20° 7	3°32	20°52	29°49	3° 4	2°35	9°25	n.a.	T 25
W26	1 26 51	20°54'11	14° 7	21°26	21° 2	27°31	28°37	20° 3	3°34	20°53	29°51	2°56	2°32	9°32	n.a.	W26
T 27	1 30 47	21°55'21	26°34	23° 0	22°18	27°59	28°49	19°59	3°35	20°53	29°53	2°51	2°28	9°39	n.a.	T 27
F 28	1 34 44	22°56'31	9♑16	24°35	23°33	28°28	29° 2	19°55	3°37	20°54	29°55	2°48	2°25	9°45	n.a.	F 28
S 29	1 38 41	23°57'41	22°16	26° 9	24°49	28°56	29°15	19°51	3°38	20°54	29°56	2°D48	2°22	9°52	n.a.	S 29
S 30	1 42 37	24°58'52	5♒38	27°44	26° 5	29°24	29°28	19°47	3°40	20°55	29°58	2°R48	2°19	9°59	n.a.	S 30
M31	1 46 34	26♎ 0'04	19♒26	29♎18	27♎20	29♋51	29♏40	19♉42	3♉42	20♉55	29♏59	2♌47	2♌16	10♎ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n48	21s15	1n57	9n 3	1n54	5n24	1n18	24n23	1n21	19s 0	0n 4	16n46	1s41	24s20	0s30	22s52	0s40	19s19	1n 3	19n14	19n38	1n29		n.a.
S 2	1 24	20 25	0 47	8 22	1 50	4 53	1 17	24 20	1 23	19 3	0 4	16 46	1 41	24 20	0 30	22 52	0 40	19 19	1 3	19 14	19 39	1 26		n.a.
M 3	0 59	18 18	0s28	7 41	1 46	4 22	1 15	24 17	1 24	19 5	0 3	16 45	1 42	24 20	0 30	22 52	0 40	19 20	1 3	19 14	19 39	1 24		n.a.
T 4	0 35	14 58	1 44	6 59	1 41	3 50	1 14	24 14	1 25	19 8	0 3	16 44	1 42	24 20	0 30	22 52	0 40	19 20	1 3	19 14	19 40	1 22		n.a.
W 5	0 10	10 35	2 55	6 16	1 36	3 19	1 13	24 11	1 26	19 11	0 3	16 44	1 42	24 20	0 30	22 52	0 40	19 21	1 3	19 15	19 41	1 19		n.a.
T 6	0s14	5 27	3 54	5 33	1 31	2 47	1 12	24 8	1 27	19 14	0 3	16 43	1 42	24 20	0 30	22 52	0 40	19 21	1 3	19 17	19 42	1 17		n.a.
F 7	0 39	0n 4	4 38	4 49	1 25	2 15	1 10	24 5	1 28	19 17	0 3	16 43	1 42	24 20	0 30	22 52	0 40	19 21	1 3	19 19	19 42	1 15		n.a.
S 8	1 3	5 33	5 1	4 6	1 20	1 43	1 9	24 2	1 29	19 19	0 3	16 42	1 42	24 20	0 30	22 52	0 40	19 22	1 3	19 21	19 43	1 12		n.a.
S 9	1 28	10 37	5 3	3 22	1 14	1 11	1 7	23 58	1 30	19 22	0 3	16 41	1 42	24 19	0 30	22 52	0 40	19 22	1 2	19 23	19 44	1 10		n.a.
M10	1 52	14 55	4 45	2 37	1 8	0 39	1 6	23 55	1 31	19 25	0 3	16 40	1 42	24 19	0 30	22 52	0 40	19 23	1 2	19 25	19 45	1 8		n.a.
T 11	2 17	18 13	4 9	1 53	1 2	0 7	1 4	23 51	1 32	19 28	0 2	16 40	1 42	24 19	0 30	22 52	0 40	19 23	1 2	19 26	19 45	1 5		n.a.
W12	2 41	20 22	3 21	1 9	0 56	0s25	1 3	23 48	1 33	19 31	0 2	16 39	1 42	24 19	0 30	22 52	0 40	19 23	1 2	19 27	19 46	1 3		n.a.
T 13	3 6	21 19	2 23	0 24	0 49	0 57	1 1	23 44	1 34	19 34	0 2	16 38	1 42	24 19	0 30	22 52	0 40	19 24	1 2	19 27	19 47	1 1		n.a.
F 14	3 30	21 6	1 19	0s20	0 43	1 29	0 59	23 40	1 36	19 37	0 2	16 37	1 42	24 19	0 30	22 52	0 40	19 24	1 2	19 27	19 48	0 58		n.a.
S 15	3 55	19 49	0 13	1 5	0 37	2 1	0 58	23 36	1 37	19 39	0 2	16 36	1 42	24 19	0 30	22 52	0 40	19 25	1 2	19 27	19 48	0 56		n.a.
S 16	4 19	17 38	0n52	1 49	0 30	2 33	0 56	23 32	1 38	19 42	0 2	16 35	1 42	24 19	0 30	22 52	0 40	19 25	1 2	19 27	19 49	0 54		n.a.
M17	4 43	14 42	1 53	2 34	0 24	3 5	0 54	23 28	1 39	19 45	0 2	16 35	1 42	24 19	0 30	22 52	0 40	19 25	1 2	19 28	19 50	0 51		n.a.
T 18	5 8	11 12	2 49	3 18	0 17	3 37	0 52	23 24	1 40	19 48	0 2	16 34	1 42	24 19	0 30	22 52	0 40	19 26	1 1	19 29	19 51	0 49		n.a.
W19	5 32	7 16	3 37	4 2	0 11	4 8	0 50	23 20	1 41	19 51	0 1	16 33	1 42	24 19	0 30	22 52	0 40	19 26	1 1	19 31	19 51	0 47		n.a.
T 20	5 56	3 4	4 15	4 45	0 4	4 40	0 48	23 16	1 43	19 54	0 1	16 32	1 42	24 19	0 30	22 52	0 40	19 27	1 1	19 33	19 52	0 44		n.a.
F 21	6 20	1s14	4 43	5 29	0s 3	5 12	0 46	23 12	1 44	19 57	0 1	16 31	1 42	24 19	0 30	22 52	0 40	19 27	1 1	19 37	19 53	0 42		n.a.
S 22	6 44	5 31	4 58	6 12	0 9	5 43	0 44	23 7	1 45	20 0	0 1	16 30	1 42	24 19	0 30	22 52	0 40	19 28	1 1	19 40	19 54	0 40		n.a.
S 23	7 7	9 37	5 0	6 55	0 15	6 14	0 42	23 3	1 46	20 3	0 1	16 29	1 43	24 19	0 30	22 52	0 40	19 28	1 1	19 43	19 54	0 37		n.a.
M24	7 31	13 21	4 48	7 38	0 22	6 46	0 40	22 58	1 48	20 6	0 1	16 28	1 43	24 19	0 30	22 52	0 40	19 29	1 1	19 47	19 55	0 35		n.a.
T 25	7 55	16 35	4 24	8 20	0 28	7 17	0 38	22 54	1 49	20 9	0 1	16 26	1 43	24 19	0 30	22 52	0 40	19 29	1 1	19 49	19 56	0 33		n.a.
W26	8 18	19 8	3 47	9 2	0 34	7 48	0 36	22 49	1 50	20 12	0 1	16 25	1 43	24 19	0 30	22 52	0 40	19 30	1 0	19 51	19 57	0 30		n.a.
T 27	8 41	20 50	2 59	9 43	0 41	8 18	0 34	22 45	1 51	20 15	0 0	16 24	1 43	24 19	0 30	22 52	0 40	19 30	1 0	19 52	19 57	0 28		n.a.
F 28	9 4	21 31	2 1	10 25	0 47	8 49	0 32	22 40	1 53	20 18	0 0	16 23	1 43	24 19	0 30	22 52	0 40	19 31	1 0	19 53	19 58	0 25		n.a.
S 29	9 27	21 5	0 55	11 5	0 53	9 19	0 30	22 36	1 54	20 20	0 0	16 22	1 43	24 18	0 30	22 52	0 40	19 31	1 0	19 53	19 59	0 23		n.a.
S 30	9 50	19 26	0s15	11 45	0 59	9 49	0 27	22 31	1 55	20 23	0 0	16 21	1 43	24 18	0 30	22 52	0 40	19 32	1 0	19 53	20 0	0 21		n.a.
M31	10s13	16s37	1s27	12s25	1s 4	10s19	0n25	22n26	1n57	20s26	0n 0	16n20	1s43	24s18	0s30	22s51	0s40	19s32	1n 0	19n53	20n 0	0n18		n.a.

Julian Day Number = 1193910.5, Delta T = 09h29m23s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'11, Lahiri = -23°53'10 Julian Calendar 1 Oct. 1445 BCE == Greg. Calendar 18 Sept. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

NOVEMBER 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 50 30	27♎ 1'16	3♓41	0♏53	28♎36	0♌19	29♏53	19°R38	3♉44	20♉56	0♐ 2	2°R44	2♌13	10♎12	n.a.	T 1
W 2	1 54 27	28° 2'28	18°22	2°27	29°51	0°46	0♐ 6	19♉33	3°45	20°56	0° 3	2♌39	2° 9	10°19	n.a.	W 2
T 3	1 58 23	29° 3'41	3♈24	4° 2	1♏ 7	1°13	0°19	19°29	3°47	20°57	0° 5	2°31	2° 6	10°26	n.a.	T 3
F 4	2 2 20	0♏ 4'54	18°39	5°37	2°23	1°40	0°32	19°24	3°49	20°58	0° 7	2°20	2° 3	10°32	n.a.	F 4
S 5	2 6 16	1° 6'08	3♉57	7°11	3°38	2° 6	0°46	19°20	3°51	20°58	0° 9	2° 9	2° 0	10°39	n.a.	S 5
S 6	2 10 13	2° 7'22	19° 6	8°46	4°54	2°32	0°59	19°15	3°53	20°59	0°11	1°57	1°57	10°46	n.a.	S 6
M 7	2 14 10	3° 8'37	3♊55	10°22	6° 9	2°59	1°12	19°10	3°55	21° 0	0°13	1°47	1°53	10°52	n.a.	M 7
T 8	2 18 6	4° 9'52	18°18	11°57	7°25	3°24	1°25	19° 6	3°57	21° 1	0°14	1°39	1°50	10°59	n.a.	T 8
W 9	2 22 3	5°11'09	2♋11	13°32	8°40	3°50	1°39	19° 1	3°59	21° 1	0°16	1°34	1°47	11° 6	n.a.	W 9
T 10	2 25 59	6°12'26	15°33	15° 7	9°56	4°15	1°52	18°56	4° 2	21° 2	0°18	1°31	1°44	11°13	n.a.	T 10
F 11	2 29 56	7°13'43	28°28	16°43	11°11	4°41	2° 5	18°51	4° 4	21° 3	0°20	1°31	1°41	11°19	n.a.	F 11
S 12	2 33 52	8°15'01	10♌59	18°19	12°27	5° 5	2°19	18°47	4° 6	21° 4	0°22	1°31	1°38	11°26	n.a.	S 12
S 13	2 37 49	9°16'20	23°12	19°54	13°42	5°30	2°32	18°42	4° 8	21° 5	0°24	1°30	1°34	11°33	n.a.	S 13
M14	2 41 45	10°17'38	5♍13	21°30	14°58	5°54	2°46	18°37	4°11	21° 6	0°26	1°28	1°31	11°39	n.a.	M14
T 15	2 45 42	11°18'58	17° 6	23° 5	16°13	6°18	3° 0	18°32	4°13	21° 7	0°28	1°23	1°28	11°46	n.a.	T 15
W16	2 49 39	12°20'17	28°55	24°41	17°29	6°42	3°13	18°27	4°16	21° 8	0°30	1°15	1°25	11°53	n.a.	W16
T 17	2 53 35	13°21'37	10♎45	26°16	18°44	7° 5	3°27	18°22	4°18	21° 9	0°32	1° 4	1°22	12° 0	n.a.	T 17
F 18	2 57 32	14°22'57	22°38	27°51	20° 0	7°28	3°41	18°17	4°20	21°10	0°34	0°51	1°18	12° 6	n.a.	F 18
S 19	3 1 28	15°24'18	4♏36	29°26	21°15	7°51	3°54	18°12	4°23	21°12	0°36	0°37	1°15	12°13	n.a.	S 19
S 20	3 5 25	16°25'38	16°41	1♐ 0	22°30	8°14	4° 8	18° 7	4°26	21°13	0°38	0°22	1°12	12°20	n.a.	S 20
M21	3 9 21	17°26'58	28°52	2°34	23°46	8°36	4°22	18° 2	4°28	21°14	0°40	0° 9	1° 9	12°26	n.a.	M21
T 22	3 13 18	18°28'18	11♐12	4° 6	25° 1	8°58	4°36	17°57	4°31	21°15	0°42	29♋58	1° 6	12°33	n.a.	T 22
W23	3 17 15	19°29'38	23°40	5°38	26°17	9°19	4°50	17°52	4°33	21°16	0°44	29°49	1° 3	12°40	n.a.	W23
T 24	3 21 11	20°30'57	6♑19	7° 9	27°32	9°40	5° 4	17°47	4°36	21°18	0°46	29°44	0°59	12°47	n.a.	T 24
F 25	3 25 8	21°32'16	19° 9	8°37	28°47	10° 1	5°17	17°42	4°39	21°19	0°48	29°42	0°56	12°53	n.a.	F 25
S 26	3 29 4	22°33'35	2♒14	10° 5	0♐ 3	10°22	5°31	17°37	4°42	21°20	0°50	29°D41	0°53	13° 0	n.a.	S 26
S 27	3 33 1	23°34'53	15°35	11°29	1°18	10°42	5°45	17°32	4°44	21°22	0°52	29°42	0°50	13° 7	n.a.	S 27
M28	3 36 57	24°36'10	29°15	12°51	2°33	11° 1	5°59	17°27	4°47	21°23	0°54	29°R42	0°47	13°14	n.a.	M28
T 29	3 40 54	25°37'26	13♓16	14°10	3°49	11°21	6°13	17°22	4°50	21°25	0°56	29°40	0°44	13°20	n.a.	T 29
W30	3 44 50	26♏38'42	27♓38	15♐25	5♐ 4	11♌40	6♐27	17♉17	4♉53	21♉26	0♐58	29♋37	0♌40	13♎27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s35	12s44	2s35	13s 4	1s10	10s49	0n23	22n22	1n58	20s29	0s 0	16n19	1s43	24s18	0s30	22s51	0s40	19s32	1n 0	19n54	20n 1	0n16		n.a.
W 2	10 58	7 59	3 36	13 43	1 15	11 18	0 21	22 17	1 59	20 32	0 0	16 17	1 43	24 18	0 30	22 51	0 40	19 33	1 0	19 55	20 2	0 14		n.a.
T 3	11 20	2 38	4 23	14 21	1 21	11 47	0 18	22 12	2 1	20 35	0 0	16 16	1 43	24 18	0 30	22 51	0 40	19 33	1 0	19 57	20 2	0 11		n.a.
F 4	11 42	2n57	4 52	14 58	1 26	12 16	0 16	22 7	2 2	20 38	0 0	16 15	1 42	24 18	0 30	22 51	0 40	19 34	0 59	19 59	20 3	0 9		n.a.
S 5	12 4	8 22	5 0	15 35	1 31	12 44	0 14	22 2	2 3	20 41	0 1	16 14	1 42	24 18	0 30	22 51	0 40	19 34	0 59	20 2	20 4	0 7		n.a.
S 6	12 25	13 13	4 47	16 11	1 35	13 12	0 11	21 58	2 5	20 44	0 1	16 12	1 42	24 18	0 30	22 51	0 40	19 35	0 59	20 5	20 5	0 4		n.a.
M 7	12 47	17 8	4 15	16 46	1 40	13 40	0 9	21 53	2 6	20 47	0 1	16 11	1 42	24 18	0 30	22 51	0 40	19 35	0 59	20 7	20 5	0 2		n.a.
T 8	13 8	19 54	3 27	17 20	1 44	14 8	0 7	21 48	2 8	20 49	0 1	16 10	1 42	24 18	0 30	22 51	0 40	19 36	0 59	20 9	20 6	0s 0		n.a.
W 9	13 29	21 22	2 28	17 54	1 48	14 35	0 4	21 43	2 9	20 52	0 1	16 9	1 42	24 18	0 30	22 50	0 40	19 36	0 59	20 10	20 7	0 3		n.a.
T 10	13 50	21 34	1 23	18 26	1 52	15 1	0 2	21 39	2 10	20 55	0 1	16 7	1 42	24 18	0 30	22 50	0 40	19 37	0 59	20 10	20 8	0 5		n.a.
F 11	14 10	20 34	0 16	18 58	1 55	15 28	0s 1	21 34	2 12	20 58	0 1	16 6	1 42	24 18	0 30	22 50	0 40	19 37	0 59	20 11	20 8	0 8		n.a.
S 12	14 30	18 35	0n50	19 28	1 58	15 53	0 3	21 29	2 13	21 1	0 1	16 5	1 42	24 17	0 30	22 50	0 40	19 38	0 59	20 11	20 9	0 10		n.a.
S 13	14 50	15 47	1 52	19 58	2 1	16 19	0 5	21 24	2 15	21 4	0 1	16 3	1 42	24 17	0 30	22 50	0 40	19 39	0 59	20 11	20 10	0 12		n.a.
M14	15 10	12 22	2 48	20 26	2 3	16 44	0 8	21 20	2 16	21 6	0 2	16 2	1 42	24 17	0 30	22 50	0 40	19 39	0 58	20 11	20 10	0 15		n.a.
T 15	15 29	8 29	3 36	20 54	2 5	17 9	0 10	21 15	2 18	21 9	0 2	16 1	1 42	24 17	0 30	22 49	0 40	19 40	0 58	20 12	20 11	0 17		n.a.
W16	15 49	4 19	4 14	21 20	2 7	17 33	0 12	21 10	2 19	21 12	0 2	16 0	1 42	24 17	0 29	22 49	0 40	19 40	0 58	20 14	20 12	0 19		n.a.
T 17	16 8	0s 1	4 42	21 44	2 8	17 56	0 15	21 6	2 21	21 15	0 2	15 58	1 42	24 17	0 29	22 49	0 40	19 41	0 58	20 17	20 13	0 22		n.a.
F 18	16 26	4 22	4 57	22 7	2 9	18 20	0 17	21 1	2 23	21 18	0 2	15 57	1 42	24 17	0 29	22 49	0 40	19 41	0 58	20 19	20 13	0 24		n.a.
S 19	16 45	8 35	4 59	22 29	2 9	18 42	0 19	20 57	2 24	21 20	0 2	15 56	1 42	24 17	0 29	22 49	0 40	19 42	0 58	20 23	20 14	0 27		n.a.
S 20	17 3	12 31	4 48	22 49	2 9	19 4	0 22	20 52	2 26	21 23	0 2	15 54	1 42	24 17	0 29	22 49	0 40	19 42	0 58	20 26	20 15	0 29		n.a.
M21	17 20	15 58	4 24	23 8	2 8	19 26	0 24	20 48	2 27	21 26	0 2	15 53	1 42	24 17	0 29	22 48	0 40	19 43	0 58	20 29	20 15	0 31		n.a.
T 22	17 38	18 46	3 47	23 25	2 7	19 47	0 26	20 44	2 29	21 29	0 2	15 52	1 41	24 16	0 29	22 48	0 40	19 43	0 58	20 31	20 16	0 34		n.a.
W23	17 55	20 44	2 59	23 40	2 5	20 8	0 29	20 39	2 31	21 31	0 3	15 50	1 41	24 16	0 29	22 48	0 40	19 44	0 57	20 33	20 17	0 36		n.a.
T 24	18 12	21 42	2 1	23 53	2 2	20 28	0 31	20 35	2 32	21 34	0 3	15 49	1 41	24 16	0 29	22 48	0 40	19 44	0 57	20 34	20 18	0 39		n.a.
F 25	18 28	21 33	0 56	24 4	1 58	20 47	0 33	20 31	2 34	21 37	0 3	15 48	1 41	24 16	0 29	22 47	0 40	19 45	0 57	20 35	20 18	0 41		n.a.
S 26	18 44	20 14	0s14	24 14	1 54	21 6	0 35	20 27	2 36	21 39	0 3	15 46	1 41	24 16	0 29	22 47	0 40	19 45	0 57	20 35	20 19	0 43		n.a.
S 27	19 0	17 47	1 24	24 21	1 48	21 24	0 38	20 23	2 37	21 42	0 3	15 45	1 41	24 16	0 29	22 47	0 40	19 46	0 57	20 35	20 20	0 46		n.a.
M28	19 15	14 17	2 31	24 26	1 42	21 41	0 40	20 19	2 39	21 44	0 3	15 44	1 41	24 16	0 29	22 47	0 40	19 46	0 57	20 34	20 20	0 48		n.a.
T 29	19 30	9 55	3 30	24 29	1 35	21 58	0 42	20 15	2 41	21 47	0 3	15 42	1 41	24 16	0 29	22 47	0 40	19 47	0 57	20 35	20 21	0 50		n.a.
W30	19s45	4s54	4s18	24s29	1s27	22s15	0s44	20n12	2n43	21s50	0s 3	15n41	1s41	24s16	0s29	22s46	0s40	19s47	0n57	20n36	20n22	0s53		n.a.

Julian Day Number = 1193941.5, Delta T = 09h29m21s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'06, Lahiri = -23°53'06 Julian Calendar 1 Nov. 1445 BCE == Greg. Calendar 19 Oct. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1445 BCE
geocentric

DECEMBER 1445 BCE (-1444) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 48 47	27♏39'56	12♈17	16♐36	6♐19	11♌58	6♐41	17°R12	4♑56	21♑28	1♐ 0	29°R30	0♌37	13♎34	n.a.	T 1
F 2	3 52 44	28°41'10	27°10	17°41	7°35	12°16	6°56	17♉ 7	4°59	21°29	1° 2	29♋22	0°34	13°40	n.a.	F 2
S 3	3 56 40	29°42'24	12♉ 9	18°40	8°50	12°34	7°10	17° 2	5° 2	21°31	1° 4	29°12	0°31	13°47	n.a.	S 3
S 4	4 0 37	0♐43'36	27° 3	19°33	10° 5	12°51	7°24	16°58	5° 5	21°32	1° 6	29° 3	0°28	13°54	n.a.	S 4
M 5	4 4 33	1°44'48	11♊45	20°18	11°20	13° 8	7°38	16°53	5° 8	21°34	1° 8	28°54	0°24	14° 1	n.a.	M 5
T 6	4 8 30	2°46'00	26° 6	20°54	12°36	13°24	7°52	16°48	5°11	21°36	1°10	28°48	0°21	14° 7	n.a.	T 6
W 7	4 12 26	3°47'11	10♋ 1	21°21	13°51	13°40	8° 6	16°44	5°14	21°37	1°12	28°44	0°18	14°14	n.a.	W 7
T 8	4 16 23	4°48'21	23°29	21°38	15° 6	13°56	8°20	16°39	5°17	21°39	1°15	28°D42	0°15	14°21	n.a.	T 8
F 9	4 20 20	5°49'30	6♌30	21°R43	16°21	14°11	8°34	16°34	5°20	21°41	1°17	28°42	0°12	14°27	n.a.	F 9
S 10	4 24 16	6°50'39	19° 7	21°38	17°36	14°26	8°49	16°30	5°23	21°42	1°19	28°43	0° 9	14°34	n.a.	S 10
S 11	4 28 13	7°51'48	1♍26	21°20	18°51	14°40	9° 3	16°25	5°26	21°44	1°21	28°44	0° 5	14°41	n.a.	S 11
M12	4 32 9	8°52'55	13°30	20°52	20° 7	14°53	9°17	16°21	5°29	21°46	1°23	28°R44	0° 2	14°48	n.a.	M12
T 13	4 36 6	9°54'02	25°24	20°12	21°22	15° 6	9°31	16°16	5°33	21°48	1°25	28°43	29♋59	14°54	n.a.	T 13
W14	4 40 2	10°55'08	7♎15	19°22	22°37	15°19	9°45	16°12	5°36	21°49	1°27	28°39	29°56	15° 1	n.a.	W14
T 15	4 43 59	11°56'14	19° 6	18°23	23°52	15°31	9°59	16° 8	5°39	21°51	1°29	28°33	29°53	15° 8	n.a.	T 15
F 16	4 47 55	12°57'18	1♏ 2	17°17	25° 7	15°42	10°14	16° 4	5°42	21°53	1°31	28°26	29°50	15°14	n.a.	F 16
S 17	4 51 52	13°58'22	13° 5	16° 5	26°22	15°53	10°28	16° 0	5°46	21°55	1°33	28°17	29°46	15°21	n.a.	S 17
S 18	4 55 49	14°59'25	25°17	14°51	27°37	16° 3	10°42	15°55	5°49	21°57	1°35	28° 9	29°43	15°28	n.a.	S 18
M19	4 59 45	16° 0'26	7♐41	13°36	28°52	16°13	10°56	15°52	5°52	21°59	1°37	28° 0	29°40	15°35	n.a.	M19
T 20	5 3 42	17° 1'27	20°16	12°22	0♑ 7	16°22	11°10	15°48	5°55	22° 1	1°39	27°54	29°37	15°41	n.a.	T 20
W21	5 7 38	18° 2'26	3♑ 3	11°11	1°22	16°30	11°24	15°44	5°59	22° 3	1°41	27°49	29°34	15°48	n.a.	W21
T 22	5 11 35	19° 3'24	16° 2	10° 6	2°37	16°38	11°38	15°40	6° 2	22° 5	1°43	27°46	29°30	15°55	n.a.	T 22
F 23	5 15 31	20° 4'20	29°12	9° 7	3°52	16°45	11°52	15°36	6° 5	22° 7	1°45	27°D46	29°27	16° 2	n.a.	F 23
S 24	5 19 28	21° 5'15	12♒34	8°15	5° 7	16°52	12° 7	15°33	6° 9	22° 9	1°47	27°47	29°24	16° 8	n.a.	S 24
S 25	5 23 25	22° 6'09	26° 8	7°31	6°22	16°58	12°21	15°29	6°12	22°11	1°49	27°48	29°21	16°15	n.a.	S 25
M26	5 27 21	23° 7'00	9♓54	6°55	7°37	17° 3	12°35	15°26	6°16	22°13	1°51	27°50	29°18	16°22	n.a.	M26
T 27	5 31 18	24° 7'50	23°52	6°28	8°52	17° 7	12°49	15°22	6°19	22°15	1°53	27°R50	29°15	16°28	n.a.	T 27
W28	5 35 14	25° 8'38	8♈ 2	6°10	10° 7	17°11	13° 3	15°19	6°22	22°17	1°55	27°49	29°11	16°35	n.a.	W28
T 29	5 39 11	26° 9'24	22°22	5°59	11°22	17°14	13°17	15°16	6°26	22°19	1°56	27°47	29° 8	16°42	n.a.	T 29
F 30	5 43 7	27°10'08	6♉49	5°D56	12°36	17°17	13°31	15°13	6°29	22°21	1°58	27°44	29° 5	16°49	n.a.	F 30
S 31	5 47 4	28♐10'51	21♉19	6♐ 1	13♑51	17♌19	13♐45	15♉10	6♑33	22♑23	2♐ 0	27♋39	29♋ 2	16♎55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	19s59	0n30	4s50	24s28	1s18	22s30	0s46	20n 8	2n45	21s52	0s 3	15n40	1s40	24s15	0s29	22s46	0s40	19s48	0n57	20n37	20n22	0s55			n.a.
F 2	20 13	5 56	5 4	24 24	1 8	22 45	0 48	20 4	2 46	21 55	0 4	15 39	1 40	24 15	0 29	22 46	0 40	19 48	0 57	20 39	20 23	0 58			n.a.
S 3	20 27	11 3	4 56	24 18	0 56	22 59	0 50	20 1	2 48	21 57	0 4	15 37	1 40	24 15	0 29	22 46	0 40	19 49	0 57	20 41	20 24	1 0			n.a.
S 4	20 40	15 29	4 29	24 10	0 43	23 13	0 52	19 58	2 50	22 0	0 4	15 36	1 40	24 15	0 29	22 45	0 40	19 49	0 56	20 43	20 25	1 2			n.a.
M 5	20 53	18 54	3 44	24 0	0 30	23 26	0 54	19 55	2 52	22 2	0 4	15 35	1 40	24 15	0 29	22 45	0 40	19 50	0 56	20 45	20 25	1 5			n.a.
T 6	21 5	21 3	2 45	23 47	0 15	23 38	0 56	19 52	2 54	22 4	0 4	15 34	1 40	24 15	0 29	22 45	0 40	19 50	0 56	20 46	20 26	1 7			n.a.
W 7	21 17	21 50	1 38	23 33	0n 1	23 49	0 58	19 49	2 56	22 7	0 4	15 33	1 40	24 15	0 29	22 44	0 39	19 51	0 56	20 47	20 27	1 10			n.a.
T 8	21 28	21 19	0 28	23 17	0 18	24 0	1 0	19 46	2 57	22 9	0 4	15 31	1 39	24 15	0 29	22 44	0 39	19 51	0 56	20 47	20 27	1 12			n.a.
F 9	21 39	19 39	0n42	23 0	0 36	24 10	1 2	19 43	2 59	22 12	0 4	15 30	1 39	24 14	0 29	22 44	0 39	19 52	0 56	20 47	20 28	1 14			n.a.
S 10	21 50	17 3	1 48	22 41	0 55	24 19	1 3	19 41	3 1	22 14	0 4	15 29	1 39	24 14	0 29	22 44	0 39	19 53	0 56	20 47	20 29	1 17			n.a.
S 11	22 0	13 45	2 47	22 21	1 14	24 28	1 5	19 38	3 3	22 16	0 5	15 28	1 39	24 14	0 29	22 43	0 39	19 53	0 56	20 47	20 29	1 19			n.a.
M12	22 10	9 56	3 37	22 0	1 33	24 36	1 7	19 36	3 5	22 19	0 5	15 27	1 39	24 14	0 29	22 43	0 39	19 54	0 56	20 47	20 30	1 22			n.a.
T 13	22 20	5 47	4 18	21 38	1 52	24 43	1 8	19 34	3 7	22 21	0 5	15 26	1 39	24 14	0 29	22 43	0 39	19 54	0 56	20 47	20 31	1 24			n.a.
W14	22 29	1 27	4 47	21 15	2 11	24 49	1 10	19 32	3 9	22 23	0 5	15 25	1 38	24 14	0 29	22 42	0 39	19 55	0 56	20 48	20 31	1 26			n.a.
T 15	22 37	2s56	5 4	20 53	2 28	24 54	1 11	19 30	3 11	22 25	0 5	15 24	1 38	24 14	0 29	22 42	0 39	19 55	0 55	20 49	20 32	1 29			n.a.
F 16	22 45	7 15	5 7	20 31	2 44	24 59	1 13	19 29	3 13	22 28	0 5	15 22	1 38	24 13	0 29	22 42	0 39	19 56	0 55	20 50	20 33	1 31			n.a.
S 17	22 53	11 19	4 58	20 9	2 59	25 3	1 14	19 28	3 15	22 30	0 5	15 21	1 38	24 13	0 29	22 42	0 39	19 56	0 55	20 52	20 33	1 34			n.a.
S 18	23 0	14 59	4 34	19 49	3 11	25 6	1 16	19 26	3 17	22 32	0 5	15 20	1 38	24 13	0 29	22 41	0 39	19 57	0 55	20 54	20 34	1 36			n.a.
M19	23 7	18 4	3 58	19 30	3 22	25 9	1 17	19 25	3 20	22 34	0 5	15 19	1 37	24 13	0 29	22 41	0 39	19 57	0 55	20 56	20 35	1 39			n.a.
T 20	23 13	20 21	3 9	19 13	3 29	25 10	1 18	19 25	3 22	22 36	0 6	15 19	1 37	24 13	0 29	22 41	0 39	19 58	0 55	20 57	20 36	1 41			n.a.
W21	23 19	21 40	2 10	18 58	3 35	25 11	1 20	19 24	3 24	22 38	0 6	15 18	1 37	24 13	0 29	22 40	0 39	19 58	0 55	20 58	20 36	1 43			n.a.
T 22	23 24	21 50	1 3	18 46	3 38	25 11	1 21	19 23	3 26	22 41	0 6	15 17	1 37	24 13	0 29	22 40	0 39	19 59	0 55	20 58	20 37	1 46			n.a.
F 23	23 29	20 48	0s 8	18 36	3 39	25 10	1 22	19 23	3 28	22 43	0 6	15 16	1 37	24 12	0 29	22 40	0 39	19 59	0 55	20 59	20 38	1 48			n.a.
S 24	23 33	18 36	1 20	18 30	3 37	25 9	1 23	19 23	3 30	22 45	0 6	15 15	1 36	24 12	0 29	22 39	0 39	19 59	0 55	20 58	20 38	1 51			n.a.
S 25	23 37	15 21	2 28	18 26	3 34	25 6	1 24	19 23	3 32	22 47	0 6	15 14	1 36	24 12	0 29	22 39	0 39	20 0	0 55	20 58	20 39	1 53			n.a.
M26	23 41	11 13	3 30	18 24	3 30	25 3	1 25	19 24	3 34	22 49	0 6	15 13	1 36	24 12	0 29	22 39	0 39	20 0	0 54	20 58	20 40	1 55			n.a.
T 27	23 44	6 26	4 19	18 26	3 24	24 59	1 26	19 24	3 36	22 51	0 6	15 13	1 36	24 12	0 29	22 38	0 39	20 1	0 54	20 58	20 40	1 58			n.a.
W28	23 46	1 15	4 54	18 30	3 17	24 54	1 26	19 25	3 39	22 52	0 7	15 12	1 36	24 12	0 29	22 38	0 39	20 1	0 54	20 58	20 41	2 0			n.a.
T 29	23 48	4n 4	5 11	18 36	3 8	24 49	1 27	19 26	3 41	22 54	0 7	15 11	1 35	24 11	0 29	22 38	0 39	20 2	0 54	20 58	20 42	2 3			n.a.
F 30	23 50	9 11	5 8	18 44	3 0	24 43	1 28	19 28	3 43	22 56	0 7	15 10	1 35	24 11	0 29	22 37	0 39	20 2	0 54	20 59	20 42	2 5			n.a.
S 31	23s51	13n48	4s46	18s54	2n50	24s36	1s29	19n29	3n45	22s58	0s 7	15n10	1s35	24s11	0s29	22s37	0s39	20s 3	0n54	21n 0	20n43	2s 8			n.a.

Julian Day Number = 1193971.5, Delta T = 09h29m19s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -23°00'02, Lahiri = -23°53'02 Julian Calendar 1 Dec. 1445 BCE == Greg. Calendar 18 Nov. 1445 BCE

The year -1444 astronomical counting style corresponds to year 1445 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

JANUARY 1444 BCE (-1443) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 51 0	29♐11'32	5♊45	6♐12	15♑ 6	17♌20	13♐59	15°R 7	6♑36	22♑25	2♐ 2	27°R35	28♋59	17♎ 2	n.a.	S 1
M 2	5 54 57	0♑12'11	20° 2	6°29	16°21	17°R20	14°13	15♉ 4	6°40	22°27	2° 4	27♋31	28°56	17° 9	n.a.	M 2
T 3	5 58 54	1°12'48	4♋ 4	6°53	17°35	17°20	14°26	15° 2	6°43	22°29	2° 6	27°28	28°52	17°15	n.a.	T 3
W 4	6 2 50	2°13'24	17°48	7°21	18°50	17°19	14°40	14°59	6°46	22°32	2° 8	27°26	28°49	17°22	n.a.	W 4
T 5	6 6 47	3°13'58	1♌10	7°55	20° 5	17°17	14°54	14°57	6°50	22°34	2°10	27°D26	28°46	17°29	n.a.	T 5
F 6	6 10 43	4°14'31	14°11	8°34	21°19	17°14	15° 8	14°54	6°53	22°36	2°11	27°27	28°43	17°36	n.a.	F 6
S 7	6 14 40	5°15'02	26°51	9°16	22°34	17°11	15°22	14°52	6°57	22°38	2°13	27°29	28°40	17°42	n.a.	S 7
S 8	6 18 36	6°15'31	9♍13	10° 3	23°49	17° 6	15°35	14°50	7° 0	22°40	2°15	27°30	28°36	17°49	n.a.	S 8
M 9	6 22 33	7°15'59	21°20	10°53	25° 3	17° 2	15°49	14°48	7° 4	22°43	2°17	27°32	28°33	17°56	n.a.	M 9
T 10	6 26 29	8°16'25	3♎18	11°47	26°18	16°56	16° 3	14°46	7° 7	22°45	2°18	27°R32	28°30	18° 3	n.a.	T 10
W11	6 30 26	9°16'50	15°11	12°43	27°32	16°49	16°16	14°44	7°11	22°47	2°20	27°32	28°27	18° 9	n.a.	W11
T 12	6 34 23	10°17'13	27° 4	13°42	28°47	16°42	16°30	14°42	7°14	22°49	2°22	27°31	28°24	18°16	n.a.	T 12
F 13	6 38 19	11°17'35	9♏ 1	14°44	0♒ 1	16°34	16°44	14°40	7°18	22°51	2°24	27°30	28°21	18°23	n.a.	F 13
S 14	6 42 16	12°17'55	21° 7	15°49	1°16	16°25	16°57	14°39	7°21	22°54	2°25	27°28	28°17	18°29	n.a.	S 14
S 15	6 46 12	13°18'13	3♐24	16°55	2°30	16°15	17°10	14°37	7°24	22°56	2°27	27°26	28°14	18°36	n.a.	S 15
M16	6 50 9	14°18'29	15°56	18° 4	3°45	16° 5	17°24	14°36	7°28	22°58	2°29	27°23	28°11	18°43	n.a.	M16
T 17	6 54 5	15°18'44	28°45	19°15	4°59	15°53	17°37	14°35	7°31	23° 0	2°30	27°22	28° 8	18°50	n.a.	T 17
W18	6 58 2	16°18'57	11♑50	20°28	6°13	15°41	17°51	14°34	7°35	23° 3	2°32	27°21	28° 5	18°56	n.a.	W18
T 19	7 1 58	17°19'08	25°11	21°42	7°28	15°29	18° 4	14°33	7°38	23° 5	2°33	27°D20	28° 2	19° 3	n.a.	T 19
F 20	7 5 55	18°19'16	8♒48	22°59	8°42	15°15	18°17	14°32	7°42	23° 7	2°35	27°21	27°58	19°10	n.a.	F 20
S 21	7 9 52	19°19'23	22°36	24°16	9°56	15° 1	18°30	14°31	7°45	23°10	2°36	27°21	27°55	19°16	n.a.	S 21
S 22	7 13 48	20°19'27	6♓35	25°36	11°10	14°46	18°43	14°31	7°48	23°12	2°38	27°22	27°52	19°23	n.a.	S 22
M23	7 17 45	21°19'29	20°41	26°57	12°25	14°30	18°57	14°30	7°52	23°14	2°39	27°23	27°49	19°30	n.a.	M23
T 24	7 21 41	22°19'29	4♈52	28°19	13°39	14°14	19°10	14°30	7°55	23°16	2°41	27°23	27°46	19°37	n.a.	T 24
W25	7 25 38	23°19'26	19° 4	29°43	14°53	13°57	19°22	14°29	7°59	23°19	2°42	27°R23	27°42	19°43	n.a.	W25
T 26	7 29 34	24°19'21	3♉16	1♑ 8	16° 7	13°39	19°35	14°29	8° 2	23°21	2°44	27°23	27°39	19°50	n.a.	T 26
F 27	7 33 31	25°19'13	17°26	2°34	17°21	13°21	19°48	14°D29	8° 5	23°23	2°45	27°23	27°36	19°57	n.a.	F 27
S 28	7 37 27	26°19'03	1♊30	4° 2	18°35	13° 2	20° 1	14°29	8° 9	23°25	2°47	27°23	27°33	20° 4	n.a.	S 28
S 29	7 41 24	27°18'51	15°27	5°31	19°49	12°43	20°14	14°29	8°12	23°28	2°48	27°D23	27°30	20°10	n.a.	S 29
M30	7 45 21	28°18'37	29°14	7° 1	21° 3	12°23	20°26	14°29	8°15	23°30	2°49	27°23	27°27	20°17	n.a.	M30
T 31	7 49 17	29♑18'20	12♋49	8♑32	22♒17	12♌ 3	20♐39	14♉30	8♑19	23♑32	2♐51	27♋23	27♋23	20♎24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
S 1	23s52	17n36	4s 6	19s 6	2n40	24s28	1s29	19n31	3n47	23s 0	0s 7	15n 9	1s35	24s11	0s29	22s37	0s39	20s 3	0n54	21n 1	20n44	2s10			n.a.	S 1
M 2	23 52	20 19	3 11	19 19	2 30	24 19	1 30	19 33	3 49	23 2	0 7	15 8	1 34	24 11	0 29	22 36	0 39	20 4	0 54	21 2	20 44	2 12			n.a.	M 2
T 3	23 51	21 43	2 5	19 33	2 19	24 10	1 30	19 35	3 52	23 3	0 7	15 8	1 34	24 11	0 29	22 36	0 39	20 4	0 54	21 2	20 45	2 15			n.a.	T 3
W 4	23 51	21 47	0 53	19 49	2 9	24 0	1 30	19 37	3 54	23 5	0 7	15 7	1 34	24 10	0 29	22 36	0 39	20 5	0 54	21 2	20 46	2 17			n.a.	W 4
T 5	23 49	20 35	0n21	20 5	1 58	23 50	1 31	19 40	3 56	23 7	0 7	15 7	1 34	24 10	0 29	22 35	0 39	20 5	0 54	21 3	20 46	2 20			n.a.	T 5
F 6	23 48	18 19	1 31	20 22	1 47	23 38	1 31	19 43	3 58	23 9	0 8	15 6	1 34	24 10	0 29	22 35	0 39	20 6	0 54	21 2	20 47	2 22			n.a.	F 6
S 7	23 45	15 12	2 35	20 39	1 36	23 26	1 31	19 46	4 0	23 10	0 8	15 6	1 33	24 10	0 29	22 34	0 39	20 6	0 54	21 2	20 48	2 25			n.a.	S 7
S 8	23 43	11 29	3 30	20 56	1 26	23 13	1 31	19 49	4 2	23 12	0 8	15 5	1 33	24 10	0 29	22 34	0 40	20 6	0 53	21 2	20 48	2 27			n.a.	S 8
M 9	23 40	7 23	4 15	21 14	1 15	23 0	1 31	19 53	4 4	23 13	0 8	15 5	1 33	24 10	0 29	22 34	0 40	20 7	0 53	21 1	20 49	2 29			n.a.	M 9
T 10	23 36	3 3	4 48	21 32	1 4	22 45	1 31	19 56	4 6	23 15	0 8	15 5	1 33	24 9	0 29	22 33	0 40	20 7	0 53	21 1	20 50	2 32			n.a.	T 10
W11	23 32	1s21	5 8	21 50	0 54	22 30	1 31	20 0	4 8	23 17	0 8	15 4	1 32	24 9	0 29	22 33	0 40	20 8	0 53	21 1	20 50	2 34			n.a.	W11
T 12	23 27	5 43	5 15	22 7	0 44	22 15	1 31	20 4	4 10	23 18	0 8	15 4	1 32	24 9	0 29	22 33	0 40	20 8	0 53	21 1	20 51	2 37			n.a.	T 12
F 13	23 22	9 53	5 9	22 25	0 34	21 59	1 31	20 9	4 12	23 20	0 8	15 4	1 32	24 9	0 29	22 32	0 40	20 8	0 53	21 2	20 51	2 39			n.a.	F 13
S 14	23 17	13 42	4 49	22 42	0 24	21 42	1 30	20 13	4 14	23 21	0 9	15 4	1 32	24 9	0 29	22 32	0 40	20 9	0 53	21 2	20 52	2 42			n.a.	S 14
S 15	23 11	17 1	4 16	22 58	0 15	21 24	1 30	20 18	4 16	23 23	0 9	15 3	1 31	24 8	0 29	22 31	0 40	20 9	0 53	21 3	20 53	2 44			n.a.	S 15
M16	23 5	19 38	3 29	23 14	0 5	21 6	1 29	20 23	4 18	23 24	0 9	15 3	1 31	24 8	0 29	22 31	0 40	20 10	0 53	21 3	20 53	2 46			n.a.	M16
T 17	22 58	21 20	2 32	23 29	0s 4	20 48	1 29	20 29	4 20	23 25	0 9	15 3	1 31	24 8	0 29	22 31	0 40	20 10	0 53	21 3	20 54	2 49			n.a.	T 17
W18	22 51	21 55	1 25	23 43	0 13	20 28	1 28	20 34	4 21	23 27	0 9	15 3	1 31	24 8	0 29	22 30	0 40	20 10	0 53	21 4	20 55	2 51			n.a.	W18
T 19	22 43	21 17	0 12	23 57	0 21	20 9	1 28	20 39	4 23	23 28	0 9	15 3	1 30	24 8	0 29	22 30	0 40	20 11	0 53	21 4	20 55	2 54			n.a.	T 19
F 20	22 35	19 24	1s 3	24 10	0 29	19 48	1 27	20 45	4 25	23 29	0 9	15 3	1 30	24 7	0 29	22 30	0 40	20 11	0 53	21 4	20 56	2 56			n.a.	F 20
S 21	22 27	16 21	2 16	24 22	0 37	19 27	1 26	20 51	4 26	23 31	0 9	15 3	1 30	24 7	0 29	22 29	0 40	20 12	0 52	21 4	20 57	2 59			n.a.	S 21
S 22	22 18	12 21	3 21	24 32	0 45	19 6	1 25	20 57	4 28	23 32	0 10	15 3	1 30	24 7	0 29	22 29	0 40	20 12	0 52	21 3	20 57	3 1			n.a.	S 22
M23	22 8	7 38	4 14	24 42	0 52	18 44	1 24	21 3	4 29	23 33	0 10	15 3	1 29	24 7	0 29	22 28	0 40	20 12	0 52	21 3	20 58	3 3			n.a.	M23
T 24	21 59	2 30	4 53	24 51	1 0	18 21	1 23	21 9	4 31	23 35	0 10	15 3	1 29	24 7	0 29	22 28	0 40	20 13	0 52	21 3	20 59	3 6			n.a.	T 24
W25	21 48	2n46	5 14	24 58	1 6	17 58	1 22	21 16	4 32	23 36	0 10	15 3	1 29	24 6	0 29	22 28	0 40	20 13	0 52	21 3	20 59	3 8			n.a.	W25
T 26	21 38	7 53	5 15	25 4	1 13	17 35	1 21	21 22	4 33	23 37	0 10	15 4	1 29	24 6	0 29	22 27	0 40	20 13	0 52	21 3	21 0	3 11			n.a.	T 26
F 27	21 27	12 34	4 58	25 9	1 19	17 11	1 20	21 29	4 34	23 38	0 10	15 4	1 28	24 6	0 29	22 27	0 40	20 14	0 52	21 3	21 1	3 13			n.a.	F 27
S 28	21 16	16 32	4 23	25 13	1 25	16 46	1 19	21 35	4 35	23 39	0 10	15 4	1 28	24 6	0 29	22 27	0 40	20 14	0 52	21 3	21 1	3 16			n.a.	S 28
S 29	21 4	19 32	3 32	25 15	1 30	16 21	1 17	21 42	4 36	23 40	0 10	15 4	1 28	24 6	0 29	22 26	0 40	20 15	0 52	21 3	21 2	3 18			n.a.	S 29
M30	20 52	21 22	2 30	25 16	1 35	15 56	1 16	21 49	4 37	23 41	0 11	15 5	1 28	24 6	0 30	22 26	0 40	20 15	0 52	21 3	21 2	3 21			n.a.	M30
T 31	20s39	21n54	1s20	25s15	1s40	15s30	1s15	21n55	4n38	23s42	0s11	15n 5	1s27	24s 5	0s30	22s25	0s40	20s15	0n52	21n 3	21n 3	3s23			n.a.	T 31

Julian Day Number = 1194002.5, Delta T = 09h29m17s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'58, Lahiri = -23°52'58 Julian Calendar 1 Jan. 1444 BCE == Greg. Calendar 19 Dec. 1445 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

FEBRUARY 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 53 14	0♒18'01	26♋10	10♑ 5	23♒31	11°R42	20♐51	14♉30	8♑22	23♑35	2♐52	27°R23	27♋20	20♎30	n.a.	W 1
T 2	7 57 10	1°17'39	9♌16	11°39	24°44	11♌21	21° 4	14°31	8°25	23°37	2°53	27♋23	27°17	20°37	n.a.	T 2
F 3	8 1 7	2°17'16	22° 5	13°14	25°58	10°59	21°16	14°32	8°28	23°39	2°54	27°23	27°14	20°44	n.a.	F 3
S 4	8 5 3	3°16'50	4♍40	14°50	27°12	10°37	21°29	14°32	8°32	23°41	2°56	27°22	27°11	20°51	n.a.	S 4
S 5	8 9 0	4°16'23	17° 0	16°28	28°26	10°15	21°41	14°33	8°35	23°44	2°57	27°21	27° 8	20°57	n.a.	S 5
M 6	8 12 56	5°15'53	29° 8	18° 7	29°39	9°52	21°53	14°34	8°38	23°46	2°58	27°20	27° 4	21° 4	n.a.	M 6
T 7	8 16 53	6°15'21	11♎ 7	19°47	0♓53	9°29	22° 5	14°36	8°41	23°48	2°59	27°19	27° 1	21°11	n.a.	T 7
W 8	8 20 49	7°14'47	23° 1	21°29	2° 6	9° 6	22°17	14°37	8°44	23°50	3° 0	27°18	26°58	21°18	n.a.	W 8
T 9	8 24 46	8°14'12	4♏54	23°11	3°20	8°43	22°29	14°38	8°47	23°52	3° 1	27°D18	26°55	21°24	n.a.	T 9
F 10	8 28 43	9°13'34	16°51	24°55	4°33	8°20	22°41	14°40	8°51	23°55	3° 2	27°18	26°52	21°31	n.a.	F 10
S 11	8 32 39	10°12'55	28°56	26°40	5°47	7°57	22°53	14°41	8°54	23°57	3° 3	27°19	26°48	21°38	n.a.	S 11
S 12	8 36 36	11°12'14	11♐14	28°27	7° 0	7°33	23° 4	14°43	8°57	23°59	3° 4	27°20	26°45	21°44	n.a.	S 12
M13	8 40 32	12°11'30	23°49	0♒15	8°14	7°10	23°16	14°45	9° 0	24° 1	3° 5	27°21	26°42	21°51	n.a.	M13
T 14	8 44 29	13°10'45	6♑44	2° 4	9°27	6°47	23°28	14°47	9° 3	24° 3	3° 6	27°22	26°39	21°58	n.a.	T 14
W15	8 48 25	14° 9'58	20° 1	3°55	10°40	6°24	23°39	14°49	9° 6	24° 6	3° 7	27°23	26°36	22° 5	n.a.	W15
T 16	8 52 22	15° 9'09	3♒40	5°47	11°53	6° 1	23°50	14°51	9° 9	24° 8	3° 8	27°R23	26°33	22°11	n.a.	T 16
F 17	8 56 18	16° 8'17	17°39	7°40	13° 7	5°39	24° 2	14°53	9°12	24°10	3° 9	27°22	26°29	22°18	n.a.	F 17
S 18	9 0 15	17° 7'23	1♓55	9°34	14°20	5°16	24°13	14°56	9°15	24°12	3°10	27°20	26°26	22°25	n.a.	S 18
S 19	9 4 11	18° 6'27	16°23	11°30	15°33	4°54	24°24	14°58	9°17	24°14	3°11	27°18	26°23	22°31	n.a.	S 19
M20	9 8 8	19° 5'29	0♈57	13°27	16°46	4°32	24°35	15° 1	9°20	24°16	3°11	27°15	26°20	22°38	n.a.	M20
T 21	9 12 5	20° 4'28	15°30	15°26	17°59	4°11	24°46	15° 3	9°23	24°18	3°12	27°12	26°17	22°45	n.a.	T 21
W22	9 16 1	21° 3'25	29°58	17°25	19°12	3°50	24°57	15° 6	9°26	24°21	3°13	27°10	26°13	22°52	n.a.	W22
T 23	9 19 58	22° 2'19	14♉15	19°26	20°25	3°30	25° 7	15° 9	9°29	24°23	3°14	27° 8	26°10	22°58	n.a.	T 23
F 24	9 23 54	23° 1'11	28°20	21°28	21°37	3°10	25°18	15°12	9°31	24°25	3°14	27°D 8	26° 7	23° 5	n.a.	F 24
S 25	9 27 51	24° 0'00	12♊11	23°31	22°50	2°51	25°28	15°15	9°34	24°27	3°15	27° 9	26° 4	23°12	n.a.	S 25
S 26	9 31 47	24°58'47	25°47	25°35	24° 3	2°32	25°39	15°18	9°37	24°29	3°16	27°11	26° 1	23°19	n.a.	S 26
M27	9 35 44	25°57'32	9♋10	27°40	25°15	2°14	25°49	15°21	9°39	24°31	3°16	27°12	25°58	23°25	n.a.	M27
T 28	9 39 40	26♒56'14	22♋20	29♒45	26♓28	1♌56	25♐59	15♉25	9♑42	24♑33	3♐17	27°R13	25♋54	23♎32	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s27	21n11	0s 7	25s13	1s45	15s 4	1s13	22n 2	4n39	23s43	0s11	15n 5	1s27	24s 5	0s30	22s25	0s40	20s15	0n52	21n 3	21n 4	3s25		n.a.
T 2	20 13	19 18	1n 5	25 9	1 49	14 38	1 11	22 9	4 39	23 44	0 11	15 6	1 27	24 5	0 30	22 25	0 40	20 16	0 52	21 3	21 4	3 28		n.a.
F 3	20 0	16 29	2 13	25 3	1 52	14 11	1 10	22 15	4 40	23 45	0 11	15 6	1 27	24 5	0 30	22 24	0 40	20 16	0 51	21 3	21 5	3 30		n.a.
S 4	19 46	12 57	3 12	24 56	1 56	13 43	1 8	22 22	4 40	23 46	0 11	15 7	1 26	24 5	0 30	22 24	0 40	20 16	0 51	21 3	21 6	3 33		n.a.
S 5	19 32	8 55	4 2	24 47	1 58	13 16	1 6	22 29	4 40	23 47	0 11	15 7	1 26	24 4	0 30	22 23	0 40	20 17	0 51	21 4	21 6	3 35		n.a.
M 6	19 17	4 36	4 39	24 36	2 1	12 48	1 5	22 35	4 41	23 48	0 12	15 8	1 26	24 4	0 30	22 23	0 40	20 17	0 51	21 4	21 7	3 38		n.a.
T 7	19 2	0 11	5 4	24 24	2 3	12 20	1 3	22 41	4 41	23 49	0 12	15 8	1 26	24 4	0 30	22 23	0 40	20 17	0 51	21 4	21 7	3 40		n.a.
W 8	18 47	4s13	5 16	24 10	2 4	11 51	1 1	22 48	4 41	23 50	0 12	15 9	1 25	24 4	0 30	22 22	0 40	20 18	0 51	21 4	21 8	3 43		n.a.
T 9	18 32	8 28	5 14	23 54	2 6	11 22	0 59	22 54	4 40	23 51	0 12	15 10	1 25	24 4	0 30	22 22	0 40	20 18	0 51	21 4	21 9	3 45		n.a.
F 10	18 16	12 24	4 58	23 36	2 6	10 53	0 57	23 0	4 40	23 52	0 12	15 10	1 25	24 3	0 30	22 22	0 40	20 18	0 51	21 4	21 9	3 47		n.a.
S 11	18 0	15 53	4 30	23 16	2 7	10 24	0 54	23 6	4 40	23 52	0 12	15 11	1 25	24 3	0 30	22 21	0 40	20 18	0 51	21 4	21 10	3 50		n.a.
S 12	17 43	18 45	3 48	22 54	2 6	9 54	0 52	23 12	4 39	23 53	0 12	15 12	1 24	24 3	0 30	22 21	0 40	20 19	0 51	21 4	21 11	3 52		n.a.
M13	17 26	20 48	2 55	22 30	2 6	9 24	0 50	23 17	4 38	23 54	0 13	15 13	1 24	24 3	0 30	22 20	0 40	20 19	0 51	21 4	21 11	3 55		n.a.
T 14	17 9	21 50	1 52	22 4	2 4	8 54	0 48	23 23	4 38	23 55	0 13	15 13	1 24	24 3	0 30	22 20	0 40	20 19	0 51	21 3	21 12	3 57		n.a.
W15	16 52	21 40	0 41	21 36	2 3	8 24	0 45	23 28	4 37	23 55	0 13	15 14	1 24	24 2	0 30	22 20	0 40	20 19	0 51	21 3	21 12	4 0		n.a.
T 16	16 35	20 14	0s35	21 6	2 0	7 53	0 43	23 33	4 36	23 56	0 13	15 15	1 23	24 2	0 30	22 19	0 40	20 20	0 51	21 3	21 13	4 2		n.a.
F 17	16 17	17 33	1 49	20 34	1 58	7 22	0 41	23 37	4 35	23 57	0 13	15 16	1 23	24 2	0 30	22 19	0 40	20 20	0 50	21 3	21 14	4 5		n.a.
S 18	15 59	13 45	2 59	20 0	1 54	6 52	0 38	23 42	4 34	23 57	0 13	15 17	1 23	24 2	0 30	22 19	0 40	20 20	0 50	21 4	21 14	4 7		n.a.
S 19	15 40	9 6	3 58	19 24	1 50	6 21	0 36	23 46	4 32	23 58	0 13	15 18	1 23	24 2	0 30	22 18	0 40	20 20	0 50	21 4	21 15	4 10		n.a.
M20	15 22	3 55	4 42	18 46	1 46	5 49	0 33	23 50	4 31	23 59	0 14	15 19	1 22	24 1	0 30	22 18	0 40	20 21	0 50	21 5	21 16	4 12		n.a.
T 21	15 3	1n29	5 8	18 6	1 41	5 18	0 31	23 54	4 29	23 59	0 14	15 20	1 22	24 1	0 30	22 18	0 40	20 21	0 50	21 5	21 16	4 14		n.a.
W22	14 44	6 46	5 14	17 24	1 35	4 47	0 28	23 58	4 28	24 0	0 14	15 21	1 22	24 1	0 30	22 17	0 40	20 21	0 50	21 6	21 17	4 17		n.a.
T 23	14 25	11 37	5 0	16 39	1 29	4 15	0 25	24 1	4 26	24 0	0 14	15 22	1 22	24 1	0 30	22 17	0 40	20 21	0 50	21 6	21 17	4 19		n.a.
F 24	14 5	15 46	4 29	15 54	1 22	3 43	0 22	24 4	4 24	24 1	0 14	15 23	1 21	24 1	0 30	22 16	0 40	20 21	0 50	21 6	21 18	4 22		n.a.
S 25	13 45	18 59	3 42	15 6	1 15	3 12	0 20	24 7	4 22	24 1	0 14	15 24	1 21	24 1	0 30	22 16	0 40	20 22	0 50	21 6	21 19	4 24		n.a.
S 26	13 25	21 4	2 44	14 16	1 7	2 40	0 17	24 10	4 20	24 2	0 15	15 25	1 21	24 0	0 30	22 16	0 40	20 22	0 50	21 6	21 19	4 27		n.a.
M27	13 5	21 55	1 37	13 25	0 59	2 8	0 14	24 12	4 18	24 2	0 15	15 27	1 21	24 0	0 30	22 15	0 40	20 22	0 50	21 5	21 20	4 29		n.a.
T 28	12s45	21n32	0s27	12s32	0s50	1s36	0s11	24n14	4n16	24s 3	0s15	15n28	1s21	24s 0	0s30	22s15	0s40	20s22	0n50	21n 5	21n20	4s32		n.a.

Julian Day Number = 1194033.5, Delta T = 09h29m16s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'54, Lahiri = -23°52'53 Julian Calendar 1 Feb. 1444 BCE == Greg. Calendar 19 Jan. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

MARCH 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 43 37	27♒54'54	5♌16	1♓50	27♓40	1°R39	26♐ 9	15♉28	9♑45	24♑35	3♐17	27°R13	25♋51	23♎39	n.a.	W 1
T 2	9 47 33	28°53'32	18° 1	3°56	28°53	1♌23	26°19	15°32	9°47	24°37	3°18	27♋11	25°48	23°45	n.a.	T 2
F 3	9 51 30	29°52'07	0♍35	6° 1	0♈ 5	1° 7	26°29	15°35	9°50	24°39	3°18	27° 8	25°45	23°52	n.a.	F 3
S 4	9 55 27	0♓50'41	12°58	8° 6	1°18	0°52	26°39	15°39	9°52	24°41	3°19	27° 3	25°42	23°59	n.a.	S 4
S 5	9 59 23	1°49'12	25°10	10°11	2°30	0°38	26°48	15°43	9°55	24°42	3°19	26°57	25°39	24° 6	n.a.	S 5
M 6	10 3 20	2°47'42	7♎15	12°14	3°42	0°25	26°58	15°47	9°57	24°44	3°19	26°51	25°35	24°12	n.a.	M 6
T 7	10 7 16	3°46'09	19°12	14°17	4°54	0°12	27° 7	15°51	9°59	24°46	3°20	26°44	25°32	24°19	n.a.	T 7
W 8	10 11 13	4°44'35	1♏ 5	16°17	6° 6	0° 0	27°17	15°55	10° 2	24°48	3°20	26°39	25°29	24°26	n.a.	W 8
T 9	10 15 9	5°42'58	12°58	18°16	7°18	29♋49	27°26	15°59	10° 4	24°50	3°20	26°35	25°26	24°33	n.a.	T 9
F 10	10 19 6	6°41'21	24°53	20°12	8°30	29°39	27°35	16° 3	10° 6	24°52	3°21	26°32	25°23	24°39	n.a.	F 10
S 11	10 23 2	7°39'41	6♐56	22° 5	9°42	29°29	27°44	16° 8	10° 9	24°54	3°21	26°D31	25°19	24°46	n.a.	S 11
S 12	10 26 59	8°38'00	19°12	23°56	10°54	29°21	27°52	16°12	10°11	24°55	3°21	26°32	25°16	24°53	n.a.	S 12
M13	10 30 55	9°36'17	1♑44	25°43	12° 6	29°13	28° 1	16°17	10°13	24°57	3°21	26°33	25°13	24°59	n.a.	M13
T 14	10 34 52	10°34'32	14°39	27°27	13°17	29° 5	28°10	16°21	10°15	24°59	3°21	26°35	25°10	25° 6	n.a.	T 14
W15	10 38 49	11°32'46	27°58	29° 7	14°29	28°59	28°18	16°26	10°17	25° 1	3°21	26°R35	25° 7	25°13	n.a.	W15
T 16	10 42 45	12°30'58	11♒44	0♈44	15°41	28°53	28°26	16°31	10°19	25° 2	3°21	26°34	25° 4	25°20	n.a.	T 16
F 17	10 46 42	13°29'08	25°56	2°16	16°52	28°49	28°34	16°36	10°21	25° 4	3°22	26°31	25° 0	25°26	n.a.	F 17
S 18	10 50 38	14°27'17	10♓31	3°45	18° 3	28°45	28°42	16°41	10°23	25° 6	3°R22	26°26	24°57	25°33	n.a.	S 18
S 19	10 54 35	15°25'23	25°22	5° 9	19°15	28°41	28°50	16°46	10°25	25° 7	3°22	26°19	24°54	25°40	n.a.	S 19
M20	10 58 31	16°23'28	10♈22	6°28	20°26	28°39	28°58	16°51	10°27	25° 9	3°21	26°12	24°51	25°46	n.a.	M20
T 21	11 2 28	17°21'30	25°20	7°44	21°37	28°37	29° 5	16°56	10°29	25°10	3°21	26° 4	24°48	25°53	n.a.	T 21
W22	11 6 24	18°19'31	10♉ 9	8°54	22°48	28°37	29°13	17° 1	10°30	25°12	3°21	25°58	24°45	26° 0	n.a.	W22
T 23	11 10 21	19°17'30	24°41	10° 0	23°59	28°D36	29°20	17° 7	10°32	25°13	3°21	25°53	24°41	26° 7	n.a.	T 23
F 24	11 14 18	20°15'27	8♊52	11° 2	25°10	28°37	29°27	17°12	10°34	25°15	3°21	25°51	24°38	26°13	n.a.	F 24
S 25	11 18 14	21°13'21	22°42	11°58	26°21	28°39	29°34	17°17	10°36	25°16	3°21	25°D50	24°35	26°20	n.a.	S 25
S 26	11 22 11	22°11'14	6♋10	12°50	27°32	28°41	29°41	17°23	10°37	25°18	3°21	25°51	24°32	26°27	n.a.	S 26
M27	11 26 7	23° 9'05	19°19	13°37	28°43	28°44	29°48	17°29	10°39	25°19	3°20	25°R52	24°29	26°34	n.a.	M27
T 28	11 30 4	24° 6'54	2♌12	14°18	29°53	28°48	29°54	17°34	10°40	25°21	3°20	25°52	24°25	26°40	n.a.	T 28
W29	11 34 0	25° 4'41	14°50	14°55	1♉ 4	28°52	0♑ 1	17°40	10°42	25°22	3°20	25°50	24°22	26°47	n.a.	W29
T 30	11 37 57	26° 2'26	27°18	15°27	2°14	28°57	0° 7	17°46	10°43	25°23	3°19	25°46	24°19	26°54	n.a.	T 30
F 31	11 41 53	27♓ 0'09	9♍36	15♈54	3♉25	29♋ 3	0♑13	17♉52	10♑45	25♑25	3♐19	25♋39	24♋16	27♎ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	12s25	20n 0	0n44	11s38	0s40	1s 4	0s 8	24n16	4n14	24s 3	0s15	15n29	1s20	24s 0	0s30	22s15	0s40	20s22	0n50	21n 5	21n21	4s34			n.a.
T 2	12 4	17 28	1 51	10 43	0 31	0 32	0 5	24 18	4 12	24 4	0 15	15 30	1 20	24 0	0 30	22 14	0 40	20 23	0 50	21 5	21 22	4 37			n.a.
F 3	11 43	14 8	2 52	9 47	0 20	0 0	0 2	24 19	4 10	24 4	0 15	15 32	1 20	24 0	0 30	22 14	0 40	20 23	0 50	21 6	21 22	4 39			n.a.
S 4	11 22	10 14	3 44	8 50	0 10	0n32	0n 1	24 20	4 7	24 5	0 16	15 33	1 20	23 59	0 30	22 14	0 40	20 23	0 49	21 7	21 23	4 41			n.a.
S 5	11 1	5 59	4 24	7 52	0n 1	1 4	0 4	24 21	4 5	24 5	0 16	15 34	1 19	23 59	0 30	22 13	0 40	20 23	0 49	21 8	21 23	4 44			n.a.
M 6	10 39	1 32	4 52	6 54	0 12	1 36	0 7	24 22	4 2	24 6	0 16	15 36	1 19	23 59	0 30	22 13	0 40	20 23	0 49	21 10	21 24	4 46			n.a.
T 7	10 18	2s55	5 8	5 56	0 24	2 8	0 10	24 22	4 0	24 6	0 16	15 37	1 19	23 59	0 30	22 13	0 40	20 23	0 49	21 11	21 25	4 49			n.a.
W 8	9 56	7 14	5 9	4 58	0 35	2 40	0 13	24 22	3 57	24 6	0 16	15 38	1 19	23 59	0 30	22 13	0 40	20 23	0 49	21 12	21 25	4 51			n.a.
T 9	9 35	11 17	4 58	4 1	0 47	3 11	0 16	24 22	3 55	24 7	0 16	15 40	1 19	23 59	0 30	22 12	0 40	20 24	0 49	21 13	21 26	4 54			n.a.
F 10	9 13	14 54	4 33	3 4	0 58	3 43	0 19	24 22	3 52	24 7	0 17	15 41	1 18	23 58	0 30	22 12	0 41	20 24	0 49	21 13	21 26	4 56			n.a.
S 11	8 51	17 58	3 57	2 8	1 9	4 15	0 22	24 21	3 50	24 7	0 17	15 43	1 18	23 58	0 30	22 12	0 41	20 24	0 49	21 13	21 27	4 59			n.a.
S 12	8 29	20 17	3 9	1 14	1 20	4 46	0 25	24 21	3 47	24 8	0 17	15 44	1 18	23 58	0 30	22 11	0 41	20 24	0 49	21 13	21 28	5 1			n.a.
M13	8 6	21 41	2 10	0 21	1 31	5 18	0 28	24 20	3 44	24 8	0 17	15 46	1 18	23 58	0 30	22 11	0 41	20 24	0 49	21 13	21 28	5 4			n.a.
T 14	7 44	21 59	1 4	0n31	1 41	5 49	0 31	24 19	3 42	24 8	0 17	15 47	1 17	23 58	0 30	22 11	0 41	20 24	0 49	21 13	21 29	5 6			n.a.
W15	7 21	21 3	0s 7	1 21	1 51	6 20	0 35	24 17	3 39	24 9	0 17	15 49	1 17	23 58	0 30	22 10	0 41	20 24	0 49	21 13	21 29	5 9			n.a.
T 16	6 59	18 52	1 21	2 8	2 1	6 51	0 38	24 16	3 36	24 9	0 18	15 50	1 17	23 58	0 30	22 10	0 41	20 24	0 49	21 13	21 30	5 11			n.a.
F 17	6 36	15 28	2 32	2 54	2 10	7 22	0 41	24 14	3 33	24 9	0 18	15 52	1 17	23 58	0 31	22 10	0 41	20 24	0 49	21 13	21 31	5 13			n.a.
S 18	6 13	11 3	3 34	3 37	2 18	7 53	0 44	24 13	3 31	24 9	0 18	15 54	1 17	23 57	0 31	22 10	0 41	20 24	0 48	21 14	21 31	5 16			n.a.
S 19	5 51	5 53	4 23	4 18	2 26	8 23	0 47	24 11	3 28	24 10	0 18	15 55	1 16	23 57	0 31	22 9	0 41	20 24	0 48	21 16	21 32	5 18			n.a.
M20	5 28	0 20	4 55	4 56	2 32	8 54	0 50	24 8	3 25	24 10	0 18	15 57	1 16	23 57	0 31	22 9	0 41	20 25	0 48	21 17	21 32	5 21			n.a.
T 21	5 5	5n13	5 7	5 32	2 39	9 24	0 53	24 6	3 22	24 10	0 18	15 59	1 16	23 57	0 31	22 9	0 41	20 25	0 48	21 19	21 33	5 23			n.a.
W22	4 42	10 25	4 57	6 6	2 44	9 54	0 56	24 3	3 20	24 10	0 19	16 0	1 16	23 57	0 31	22 9	0 41	20 25	0 48	21 20	21 33	5 26			n.a.
T 23	4 19	14 56	4 29	6 36	2 48	10 23	1 0	24 1	3 17	24 11	0 19	16 2	1 16	23 57	0 31	22 8	0 41	20 25	0 48	21 21	21 34	5 28			n.a.
F 24	3 56	18 28	3 45	7 4	2 52	10 53	1 3	23 58	3 14	24 11	0 19	16 4	1 15	23 57	0 31	22 8	0 41	20 25	0 48	21 21	21 35	5 31			n.a.
S 25	3 32	20 52	2 48	7 29	2 55	11 22	1 6	23 55	3 11	24 11	0 19	16 6	1 15	23 57	0 31	22 8	0 41	20 25	0 48	21 21	21 35	5 33			n.a.
S 26	3 9	22 0	1 44	7 51	2 56	11 51	1 9	23 52	3 9	24 11	0 19	16 7	1 15	23 57	0 31	22 8	0 41	20 25	0 48	21 21	21 36	5 36			n.a.
M27	2 46	21 52	0 35	8 10	2 57	12 19	1 12	23 48	3 6	24 11	0 20	16 9	1 15	23 56	0 31	22 7	0 41	20 25	0 48	21 21	21 36	5 38			n.a.
T 28	2 23	20 34	0n34	8 27	2 57	12 48	1 15	23 45	3 3	24 12	0 20	16 11	1 15	23 56	0 31	22 7	0 41	20 25	0 48	21 21	21 37	5 41			n.a.
W29	1 59	18 15	1 40	8 40	2 55	13 16	1 18	23 41	3 1	24 12	0 20	16 13	1 14	23 56	0 31	22 7	0 41	20 25	0 48	21 21	21 37	5 43			n.a.
T 30	1 36	15 7	2 40	8 50	2 53	13 43	1 21	23 38	2 58	24 12	0 20	16 15	1 14	23 56	0 31	22 7	0 41	20 25	0 48	21 22	21 38	5 46			n.a.
F 31	1s13	11n21	3n31	8n57	2n49	14n11	1n24	23n34	2n55	24s12	0s20	16n16	1s14	23s56	0s31	22s 6	0s41	20s25	0n47	21n23	21n39	5s48			n.a.

Julian Day Number = 1194061.5, Delta T = 09h29m14s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'50, Lahiri = -23°52'50 Julian Calendar 1 March 1444 BCE == Greg. Calendar 16 Feb. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

APRIL 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 45 50	27♓57'51	21♍46	16♈15	4♉35	29♋10	0♑19	17♉58	10♑46	25♑26	3°R19	25°R30	24♋13	27♎ 7	n.a.	S 1
S 2	11 49 46	28°55'31	3♎50	16°32	5°45	29°17	0°25	18° 4	10°47	25°27	3♐18	25♋19	24°10	27°14	n.a.	S 2
M 3	11 53 43	29°53'10	15°48	16°43	6°55	29°25	0°30	18°10	10°48	25°28	3°18	25° 7	24° 6	27°21	n.a.	M 3
T 4	11 57 40	0♈50'47	27°43	16°49	8° 5	29°33	0°36	18°16	10°50	25°30	3°17	24°55	24° 3	27°27	n.a.	T 4
W 5	12 1 36	1°48'23	9♏35	16°R51	9°15	29°42	0°41	18°22	10°51	25°31	3°17	24°45	24° 0	27°34	n.a.	W 5
T 6	12 5 33	2°45'58	21°27	16°47	10°25	29°52	0°46	18°28	10°52	25°32	3°16	24°36	23°57	27°41	n.a.	T 6
F 7	12 9 29	3°43'31	3♐22	16°39	11°34	0♌ 2	0°51	18°35	10°53	25°33	3°16	24°29	23°54	27°48	n.a.	F 7
S 8	12 13 26	4°41'04	15°24	16°27	12°44	0°13	0°56	18°41	10°54	25°34	3°15	24°25	23°50	27°54	n.a.	S 8
S 9	12 17 22	5°38'35	27°38	16°10	13°53	0°25	1° 0	18°47	10°55	25°35	3°15	24°24	23°47	28° 1	n.a.	S 9
M10	12 21 19	6°36'06	10♑ 7	15°50	15° 3	0°37	1° 5	18°54	10°56	25°36	3°14	24°D23	23°44	28° 8	n.a.	M10
T 11	12 25 15	7°33'35	22°57	15°26	16°12	0°50	1° 9	19° 1	10°57	25°37	3°13	24°R24	23°41	28°14	n.a.	T 11
W12	12 29 12	8°31'03	6♒13	14°59	17°21	1° 3	1°13	19° 7	10°58	25°38	3°13	24°23	23°38	28°21	n.a.	W12
T 13	12 33 9	9°28'31	19°56	14°30	18°30	1°17	1°17	19°14	10°58	25°39	3°12	24°21	23°35	28°28	n.a.	T 13
F 14	12 37 5	10°25'57	4♓ 9	13°59	19°39	1°32	1°21	19°20	10°59	25°40	3°11	24°17	23°31	28°35	n.a.	F 14
S 15	12 41 2	11°23'22	18°49	13°26	20°48	1°46	1°24	19°27	11° 0	25°41	3°10	24° 9	23°28	28°41	n.a.	S 15
S 16	12 44 58	12°20'47	3♈50	12°52	21°57	2° 2	1°28	19°34	11° 0	25°42	3°10	24° 0	23°25	28°48	n.a.	S 16
M17	12 48 55	13°18'10	19° 4	12°18	23° 6	2°18	1°31	19°41	11° 1	25°43	3° 9	23°50	23°22	28°55	n.a.	M17
T 18	12 52 51	14°15'32	4♉20	11°44	24°14	2°35	1°34	19°48	11° 2	25°43	3° 8	23°39	23°19	29° 1	n.a.	T 18
W19	12 56 48	15°12'53	19°26	11°11	25°22	2°52	1°37	19°55	11° 2	25°44	3° 7	23°30	23°16	29° 8	n.a.	W19
T 20	13 0 44	16°10'13	4♊14	10°40	26°31	3° 9	1°39	20° 2	11° 3	25°45	3° 6	23°23	23°12	29°15	n.a.	T 20
F 21	13 4 41	17° 7'31	18°38	10°10	27°39	3°27	1°42	20° 9	11° 3	25°46	3° 5	23°19	23° 9	29°22	n.a.	F 21
S 22	13 8 38	18° 4'49	2♋34	9°43	28°47	3°46	1°44	20°16	11° 3	25°46	3° 5	23°17	23° 6	29°28	n.a.	S 22
S 23	13 12 34	19° 2'05	16° 4	9°19	29°55	4° 5	1°46	20°23	11° 4	25°47	3° 4	23°16	23° 3	29°35	n.a.	S 23
M24	13 16 31	19°59'20	29°10	8°57	1♊ 2	4°24	1°48	20°30	11° 4	25°47	3° 3	23°16	23° 0	29°42	n.a.	M24
T 25	13 20 27	20°56'34	11♌55	8°40	2°10	4°44	1°50	20°37	11° 4	25°48	3° 2	23°15	22°56	29°49	n.a.	T 25
W26	13 24 24	21°53'47	24°25	8°26	3°17	5° 4	1°51	20°44	11° 4	25°48	3° 1	23°13	22°53	29°55	n.a.	W26
T 27	13 28 20	22°50'59	6♍41	8°17	4°25	5°25	1°53	20°51	11° 4	25°49	3° 0	23° 8	22°50	0♏ 2	n.a.	T 27
F 28	13 32 17	23°48'09	18°49	8°11	5°32	5°46	1°54	20°59	11° 4	25°49	2°59	23° 0	22°47	0° 9	n.a.	F 28
S 29	13 36 13	24°45'19	0♎50	8°D10	6°39	6° 7	1°55	21° 6	11°R 4	25°50	2°58	22°49	22°44	0°15	n.a.	S 29
S 30	13 40 10	25♈42'28	12♎47	8♈14	7♊46	6♌29	1♑56	21♉13	11♑ 4	25♑50	2♐56	22♋36	22♋41	0♏22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s49	7n10	4n12	9n 1	2n45	14n38	1n27	23n30	2n53	24s12	0s21	16n18	1s14	23s56	0s31	22s 6	0s41	20s25	0n47	21n25	21n39	5s50		n.a.
S 2	0 26	2 45	4 42	9 3	2 39	15 5	1 29	23 26	2 50	24 13	0 21	16 20	1 14	23 56	0 31	22 6	0 41	20 25	0 47	21 27	21 40	5 53		n.a.
M 3	0 3	1s45	4 58	9 1	2 32	15 31	1 32	23 22	2 47	24 13	0 21	16 22	1 14	23 56	0 31	22 6	0 41	20 25	0 47	21 29	21 40	5 55		n.a.
T 4	0n21	6 9	5 2	8 56	2 24	15 57	1 35	23 17	2 45	24 13	0 21	16 24	1 13	23 56	0 31	22 6	0 41	20 25	0 47	21 31	21 41	5 58		n.a.
W 5	0 44	10 19	4 52	8 48	2 15	16 22	1 38	23 13	2 42	24 13	0 21	16 26	1 13	23 56	0 31	22 5	0 41	20 25	0 47	21 33	21 41	6 0		n.a.
T 6	1 7	14 6	4 30	8 37	2 4	16 48	1 41	23 8	2 40	24 13	0 22	16 28	1 13	23 56	0 31	22 5	0 41	20 25	0 47	21 35	21 42	6 3		n.a.
F 7	1 30	17 20	3 56	8 23	1 53	17 12	1 43	23 3	2 37	24 13	0 22	16 30	1 13	23 56	0 31	22 5	0 41	20 25	0 47	21 36	21 43	6 5		n.a.
S 8	1 54	19 53	3 11	8 7	1 40	17 37	1 46	22 58	2 34	24 14	0 22	16 32	1 13	23 56	0 31	22 5	0 41	20 25	0 47	21 37	21 43	6 8		n.a.
S 9	2 17	21 34	2 17	7 48	1 27	18 1	1 48	22 53	2 32	24 14	0 22	16 34	1 13	23 55	0 31	22 5	0 41	20 25	0 47	21 37	21 44	6 10		n.a.
M10	2 40	22 13	1 15	7 27	1 13	18 24	1 51	22 48	2 29	24 14	0 22	16 35	1 12	23 55	0 31	22 5	0 41	20 25	0 47	21 37	21 44	6 13		n.a.
T 11	3 3	21 45	0 8	7 4	0 58	18 47	1 53	22 43	2 27	24 14	0 23	16 37	1 12	23 55	0 31	22 4	0 41	20 25	0 47	21 37	21 45	6 15		n.a.
W12	3 26	20 3	1s 2	6 39	0 42	19 10	1 56	22 38	2 25	24 14	0 23	16 39	1 12	23 55	0 31	22 4	0 42	20 25	0 47	21 37	21 45	6 18		n.a.
T 13	3 49	17 10	2 11	6 13	0 26	19 32	1 58	22 32	2 22	24 14	0 23	16 41	1 12	23 55	0 31	22 4	0 42	20 24	0 47	21 38	21 46	6 20		n.a.
F 14	4 12	13 10	3 14	5 45	0 9	19 53	2 0	22 26	2 20	24 15	0 23	16 43	1 12	23 55	0 31	22 4	0 42	20 24	0 46	21 38	21 46	6 23		n.a.
S 15	4 35	8 16	4 6	5 16	0s 8	20 14	2 3	22 21	2 17	24 15	0 23	16 45	1 12	23 55	0 31	22 4	0 42	20 24	0 46	21 40	21 47	6 25		n.a.
S 16	4 58	2 46	4 43	4 47	0 25	20 35	2 5	22 15	2 15	24 15	0 24	16 47	1 11	23 55	0 31	22 4	0 42	20 24	0 46	21 41	21 48	6 27		n.a.
M17	5 20	2n59	5 0	4 18	0 42	20 55	2 7	22 9	2 13	24 15	0 24	16 49	1 11	23 55	0 32	22 4	0 42	20 24	0 46	21 43	21 48	6 30		n.a.
T 18	5 43	8 33	4 56	3 50	0 59	21 15	2 9	22 3	2 10	24 15	0 24	16 51	1 11	23 55	0 32	22 3	0 42	20 24	0 46	21 45	21 49	6 32		n.a.
W19	6 6	13 33	4 31	3 21	1 15	21 34	2 11	21 56	2 8	24 16	0 24	16 53	1 11	23 55	0 32	22 3	0 42	20 24	0 46	21 47	21 49	6 35		n.a.
T 20	6 28	17 38	3 48	2 54	1 31	21 52	2 13	21 50	2 6	24 16	0 25	16 56	1 11	23 55	0 32	22 3	0 42	20 24	0 46	21 48	21 50	6 37		n.a.
F 21	6 51	20 31	2 52	2 28	1 46	22 10	2 15	21 44	2 4	24 16	0 25	16 58	1 11	23 55	0 32	22 3	0 42	20 24	0 46	21 49	21 50	6 40		n.a.
S 22	7 13	22 3	1 47	2 4	2 1	22 27	2 16	21 37	2 1	24 16	0 25	17 0	1 11	23 55	0 32	22 3	0 42	20 24	0 46	21 49	21 51	6 42		n.a.
S 23	7 35	22 15	0 38	1 42	2 15	22 44	2 18	21 30	1 59	24 16	0 25	17 2	1 10	23 55	0 32	22 3	0 42	20 24	0 46	21 49	21 51	6 45		n.a.
M24	7 57	21 12	0n31	1 22	2 27	23 0	2 19	21 23	1 57	24 16	0 25	17 4	1 10	23 55	0 32	22 3	0 42	20 24	0 46	21 49	21 52	6 47		n.a.
T 25	8 19	19 4	1 37	1 4	2 39	23 16	2 21	21 16	1 55	24 17	0 26	17 6	1 10	23 55	0 32	22 3	0 42	20 23	0 46	21 49	21 52	6 50		n.a.
W26	8 41	16 4	2 37	0 48	2 50	23 31	2 22	21 9	1 53	24 17	0 26	17 8	1 10	23 55	0 32	22 3	0 42	20 23	0 45	21 50	21 53	6 52		n.a.
T 27	9 2	12 25	3 28	0 36	3 0	23 45	2 24	21 2	1 50	24 17	0 26	17 10	1 10	23 55	0 32	22 3	0 42	20 23	0 45	21 51	21 54	6 55		n.a.
F 28	9 24	8 18	4 9	0 26	3 8	23 59	2 25	20 55	1 48	24 17	0 26	17 12	1 10	23 55	0 32	22 3	0 42	20 23	0 45	21 52	21 54	6 57		n.a.
S 29	9 45	3 54	4 38	0 18	3 16	24 12	2 26	20 47	1 46	24 18	0 27	17 14	1 10	23 55	0 32	22 3	0 42	20 23	0 45	21 54	21 55	7 0		n.a.
S 30	10n 6	0s37	4n55	0n14	3s22	24n24	2n27	20n40	1n44	24s18	0s27	17n16	1s 9	23s55	0s32	22s 3	0s42	20s23	0n45	21n56	21n55	7s 2		n.a.

Julian Day Number = 1194092.5, Delta T = 09h29m12s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'46, Lahiri = -23°52'45 Julian Calendar 1 Apr. 1444 BCE == Greg. Calendar 19 March 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

MAY 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 44 7	26♈39'36	24♎41	8♈22	8♊52	6♌51	1♑56	21♉21	11°R 4	25♑51	2°R55	22°R23	22♋37	0♏29	n.a.	M 1
T 2	13 48 3	27°36'44	6♏33	8°34	9°59	7°14	1°57	21°28	11♑ 4	25°51	2♐54	22♋ 9	22°34	0°36	n.a.	T 2
W 3	13 52 0	28°33'51	18°26	8°51	11° 5	7°37	1°57	21°36	11° 4	25°51	2°53	21°57	22°31	0°42	n.a.	W 3
T 4	13 55 56	29°30'58	0♐20	9°13	12°11	8° 1	1°R57	21°43	11° 4	25°52	2°52	21°46	22°28	0°49	n.a.	T 4
F 5	13 59 53	0♉28'04	12°19	9°39	13°17	8°24	1°57	21°51	11° 3	25°52	2°51	21°38	22°25	0°56	n.a.	F 5
S 6	14 3 49	1°25'10	24°24	10°10	14°23	8°48	1°56	21°58	11° 3	25°52	2°50	21°33	22°21	1° 3	n.a.	S 6
S 7	14 7 46	2°22'16	6♑40	10°44	15°29	9°13	1°56	22° 6	11° 3	25°52	2°48	21°31	22°18	1° 9	n.a.	S 7
M 8	14 11 42	3°19'21	19° 9	11°24	16°34	9°38	1°55	22°13	11° 2	25°52	2°47	21°D30	22°15	1°16	n.a.	M 8
T 9	14 15 39	4°16'27	1♒57	12° 7	17°39	10° 3	1°54	22°21	11° 2	25°52	2°46	21°R30	22°12	1°23	n.a.	T 9
W10	14 19 36	5°13'32	15° 8	12°54	18°44	10°28	1°53	22°28	11° 1	25°53	2°45	21°30	22° 9	1°29	n.a.	W10
T 11	14 23 32	6°10'38	28°45	13°46	19°49	10°54	1°52	22°36	11° 1	25°53	2°43	21°28	22° 6	1°36	n.a.	T 11
F 12	14 27 29	7° 7'43	12♓51	14°41	20°54	11°20	1°50	22°44	11° 0	25°R53	2°42	21°24	22° 2	1°43	n.a.	F 12
S 13	14 31 25	8° 4'48	27°23	15°41	21°58	11°46	1°48	22°51	10°59	25°53	2°41	21°18	21°59	1°50	n.a.	S 13
S 14	14 35 22	9° 1'53	12♈20	16°44	23° 3	12°13	1°47	22°59	10°59	25°52	2°39	21°10	21°56	1°56	n.a.	S 14
M15	14 39 18	9°58'58	27°32	17°51	24° 7	12°40	1°44	23° 7	10°58	25°52	2°38	21° 0	21°53	2° 3	n.a.	M15
T 16	14 43 15	10°56'04	12♉50	19° 2	25°10	13° 8	1°42	23°15	10°57	25°52	2°37	20°50	21°50	2°10	n.a.	T 16
W17	14 47 12	11°53'09	28° 2	20°16	26°14	13°35	1°40	23°22	10°56	25°52	2°35	20°41	21°47	2°16	n.a.	W17
T 18	14 51 8	12°50'14	12♊59	21°34	27°17	14° 3	1°37	23°30	10°55	25°52	2°34	20°35	21°43	2°23	n.a.	T 18
F 19	14 55 5	13°47'18	27°31	22°56	28°20	14°31	1°34	23°38	10°54	25°52	2°33	20°30	21°40	2°30	n.a.	F 19
S 20	14 59 1	14°44'23	11♋36	24°21	29°23	15° 0	1°31	23°46	10°54	25°51	2°31	20°28	21°37	2°37	n.a.	S 20
S 21	15 2 58	15°41'27	25°13	25°50	0♋26	15°28	1°28	23°53	10°53	25°51	2°30	20°D28	21°34	2°43	n.a.	S 21
M22	15 6 54	16°38'31	8♌23	27°22	1°28	15°58	1°25	24° 1	10°51	25°51	2°29	20°29	21°31	2°50	n.a.	M22
T 23	15 10 51	17°35'35	21° 9	28°58	2°30	16°27	1°21	24° 9	10°50	25°51	2°27	20°R29	21°27	2°57	n.a.	T 23
W24	15 14 47	18°32'38	3♍37	0♉37	3°32	16°56	1°17	24°17	10°49	25°50	2°26	20°28	21°24	3° 4	n.a.	W24
T 25	15 18 44	19°29'42	15°50	2°19	4°33	17°26	1°14	24°25	10°48	25°50	2°24	20°24	21°21	3°10	n.a.	T 25
F 26	15 22 41	20°26'45	27°53	4° 4	5°34	17°56	1°10	24°33	10°47	25°49	2°23	20°19	21°18	3°17	n.a.	F 26
S 27	15 26 37	21°23'49	9♎49	5°53	6°35	18°26	1° 5	24°40	10°46	25°49	2°21	20°11	21°15	3°24	n.a.	S 27
S 28	15 30 34	22°20'52	21°42	7°44	7°36	18°57	1° 1	24°48	10°44	25°48	2°20	20° 2	21°12	3°30	n.a.	S 28
M29	15 34 30	23°17'56	3♏34	9°38	8°36	19°28	0°56	24°56	10°43	25°48	2°19	19°51	21° 8	3°37	n.a.	M29
T 30	15 38 27	24°15'00	15°28	11°35	9°36	19°59	0°52	25° 4	10°41	25°47	2°17	19°41	21° 5	3°44	n.a.	T 30
W31	15 42 23	25♉12'04	27♏24	13♉34	10♋35	20♌30	0♑47	25♉12	10♑40	25♑47	2♐16	19♋31	21♋ 2	3♏51	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n28	5s 5	4n59	0n12	3s27	24n36	2n28	20n32	1n42	24s18	0s27	17n18	1s 9	23s55	0s32	22s 3	0s42	20s23	0n45	21n58	21n56	7s 4		n.a.
T 2	10 48	9 23	4 50	0 14	3 31	24 48	2 29	20 24	1 40	24 18	0 27	17 20	1 9	23 55	0 32	22 3	0 42	20 23	0 45	22 0	21 56	7 7		n.a.
W 3	11 9	13 19	4 29	0 18	3 34	24 58	2 30	20 16	1 38	24 18	0 27	17 22	1 9	23 56	0 32	22 3	0 42	20 22	0 45	22 2	21 57	7 9		n.a.
T 4	11 30	16 45	3 55	0 25	3 36	25 8	2 30	20 8	1 36	24 19	0 28	17 24	1 9	23 56	0 32	22 2	0 42	20 22	0 45	22 4	21 57	7 12		n.a.
F 5	11 50	19 31	3 11	0 34	3 37	25 17	2 31	20 0	1 34	24 19	0 28	17 27	1 9	23 56	0 32	22 2	0 42	20 22	0 45	22 5	21 58	7 14		n.a.
S 6	12 10	21 27	2 18	0 46	3 37	25 26	2 31	19 52	1 32	24 19	0 28	17 29	1 9	23 56	0 32	22 2	0 42	20 22	0 45	22 6	21 58	7 17		n.a.
S 7	12 31	22 24	1 18	1 1	3 36	25 34	2 31	19 43	1 30	24 19	0 28	17 31	1 9	23 56	0 32	22 2	0 42	20 22	0 45	22 7	21 59	7 19		n.a.
M 8	12 50	22 16	0 12	1 18	3 35	25 41	2 32	19 34	1 28	24 20	0 29	17 33	1 8	23 56	0 32	22 2	0 42	20 22	0 44	22 7	21 59	7 22		n.a.
T 9	13 10	20 58	0s55	1 38	3 32	25 48	2 32	19 26	1 27	24 20	0 29	17 35	1 8	23 56	0 32	22 3	0 42	20 21	0 44	22 7	22 0	7 24		n.a.
W10	13 30	18 31	2 2	2 0	3 28	25 54	2 32	19 17	1 25	24 20	0 29	17 37	1 8	23 56	0 32	22 3	0 43	20 21	0 44	22 7	22 0	7 27		n.a.
T 11	13 49	14 59	3 4	2 24	3 24	25 59	2 31	19 8	1 23	24 20	0 29	17 39	1 8	23 56	0 32	22 3	0 43	20 21	0 44	22 7	22 1	7 29		n.a.
F 12	14 8	10 29	3 57	2 50	3 19	26 3	2 31	18 59	1 21	24 21	0 30	17 41	1 8	23 56	0 32	22 3	0 43	20 21	0 44	22 8	22 1	7 32		n.a.
S 13	14 27	5 16	4 36	3 19	3 13	26 7	2 31	18 50	1 19	24 21	0 30	17 43	1 8	23 56	0 32	22 3	0 43	20 21	0 44	22 9	22 2	7 34		n.a.
S 14	14 46	0n23	4 58	3 50	3 6	26 11	2 30	18 40	1 17	24 21	0 30	17 45	1 8	23 56	0 32	22 3	0 43	20 21	0 44	22 10	22 2	7 36		n.a.
M15	15 4	6 7	5 0	4 22	2 59	26 13	2 29	18 31	1 16	24 21	0 30	17 47	1 8	23 56	0 32	22 3	0 43	20 20	0 44	22 11	22 3	7 39		n.a.
T 16	15 22	11 31	4 40	4 57	2 51	26 15	2 29	18 21	1 14	24 22	0 31	17 49	1 8	23 57	0 32	22 3	0 43	20 20	0 44	22 13	22 4	7 41		n.a.
W17	15 40	16 10	4 1	5 33	2 43	26 16	2 28	18 11	1 12	24 22	0 31	17 52	1 7	23 57	0 32	22 3	0 43	20 20	0 44	22 14	22 4	7 44		n.a.
T 18	15 58	19 42	3 5	6 11	2 34	26 17	2 27	18 1	1 10	24 22	0 31	17 54	1 7	23 57	0 33	22 3	0 43	20 20	0 44	22 15	22 5	7 46		n.a.
F 19	16 15	21 52	1 59	6 50	2 25	26 17	2 26	17 51	1 9	24 22	0 31	17 56	1 7	23 57	0 33	22 3	0 43	20 20	0 43	22 16	22 5	7 49		n.a.
S 20	16 33	22 34	0 47	7 31	2 15	26 16	2 24	17 41	1 7	24 23	0 31	17 58	1 7	23 57	0 33	22 3	0 43	20 20	0 43	22 16	22 6	7 51		n.a.
S 21	16 50	21 53	0n25	8 13	2 5	26 15	2 23	17 31	1 5	24 23	0 32	18 0	1 7	23 57	0 33	22 3	0 43	20 19	0 43	22 16	22 6	7 54		n.a.
M22	17 6	20 0	1 34	8 57	1 54	26 12	2 21	17 21	1 4	24 23	0 32	18 2	1 7	23 57	0 33	22 3	0 43	20 19	0 43	22 16	22 7	7 56		n.a.
T 23	17 23	17 9	2 36	9 42	1 43	26 10	2 19	17 10	1 2	24 24	0 32	18 4	1 7	23 57	0 33	22 3	0 43	20 19	0 43	22 16	22 7	7 59		n.a.
W24	17 39	13 36	3 29	10 28	1 32	26 6	2 18	16 59	1 0	24 24	0 32	18 6	1 7	23 57	0 33	22 3	0 43	20 19	0 43	22 16	22 8	8 1		n.a.
T 25	17 55	9 32	4 11	11 14	1 20	26 2	2 16	16 49	0 59	24 24	0 33	18 8	1 7	23 58	0 33	22 4	0 43	20 19	0 43	22 17	22 8	8 4		n.a.
F 26	18 11	5 9	4 42	12 2	1 8	25 58	2 13	16 38	0 57	24 24	0 33	18 10	1 7	23 58	0 33	22 4	0 43	20 18	0 43	22 18	22 9	8 6		n.a.
S 27	18 26	0 37	4 59	12 50	0 57	25 53	2 11	16 27	0 55	24 25	0 33	18 12	1 6	23 58	0 33	22 4	0 43	20 18	0 43	22 19	22 9	8 8		n.a.
S 28	18 41	3s55	5 4	13 38	0 45	25 47	2 8	16 16	0 54	24 25	0 33	18 14	1 6	23 58	0 33	22 4	0 43	20 18	0 43	22 20	22 10	8 11		n.a.
M29	18 56	8 18	4 56	14 26	0 33	25 40	2 6	16 4	0 52	24 25	0 34	18 16	1 6	23 58	0 33	22 4	0 43	20 18	0 43	22 22	22 10	8 13		n.a.
T 30	19 10	12 23	4 34	15 14	0 21	25 33	2 3	15 53	0 51	24 25	0 34	18 18	1 6	23 58	0 33	22 4	0 43	20 18	0 42	22 23	22 11	8 16		n.a.
W31	19n24	16s 1	4n 1	16n 2	0s10	25n26	2n 0	15n41	0n49	24s26	0s34	18n20	1s 6	23s58	0s33	22s 4	0s43	20s17	0n42	22n25	22n11	8s18		n.a.

Julian Day Number = 1194122.5, Delta T = 09h29m10s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'42, Lahiri = -23°52'41 Julian Calendar 1 May 1444 BCE == Greg. Calendar 18 Apr. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

JUNE 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 46 20	26♉ 9'09	9♐25	15♉35	11♋34	21♌ 1	0°R42	25♉20	10°R39	25°R46	2°R14	19°R23	20♋59	3♏57	n.a.	T 1
F 2	15 50 17	27° 6'14	21°31	17°38	12°33	21°33	0♑37	25°28	10♑37	25♑45	2♐13	19♋18	20°56	4° 4	n.a.	F 2
S 3	15 54 13	28° 3'20	3♑45	19°43	13°31	22° 5	0°31	25°35	10°36	25°45	2°11	19°14	20°53	4°11	n.a.	S 3
S 4	15 58 10	29° 0'26	16° 9	21°49	14°29	22°37	0°26	25°43	10°34	25°44	2°10	19°D13	20°49	4°17	n.a.	S 4
M 5	16 2 6	29°57'33	28°46	23°56	15°26	23° 9	0°20	25°51	10°32	25°43	2° 8	19°13	20°46	4°24	n.a.	M 5
T 6	16 6 3	0♊54'41	11♒39	26° 3	16°24	23°42	0°14	25°59	10°31	25°43	2° 7	19°14	20°43	4°31	n.a.	T 6
W 7	16 9 59	1°51'50	24°51	28°12	17°20	24°14	0° 8	26° 7	10°29	25°42	2° 5	19°15	20°40	4°38	n.a.	W 7
T 8	16 13 56	2°49'00	8♓24	0♊20	18°16	24°47	0° 2	26°15	10°27	25°41	2° 4	19°R15	20°37	4°44	n.a.	T 8
F 9	16 17 52	3°46'10	22°21	2°28	19°12	25°20	29♐56	26°22	10°26	25°40	2° 2	19°14	20°33	4°51	n.a.	F 9
S 10	16 21 49	4°43'22	6♈42	4°35	20° 7	25°53	29°50	26°30	10°24	25°39	2° 1	19°11	20°30	4°58	n.a.	S 10
S 11	16 25 46	5°40'35	21°23	6°42	21° 2	26°27	29°44	26°38	10°22	25°38	2° 0	19° 6	20°27	5° 4	n.a.	S 11
M12	16 29 42	6°37'48	6♉20	8°49	21°56	27° 1	29°37	26°46	10°20	25°37	1°58	19° 0	20°24	5°11	n.a.	M12
T 13	16 33 39	7°35'03	21°24	10°54	22°50	27°35	29°30	26°54	10°18	25°37	1°57	18°54	20°21	5°18	n.a.	T 13
W14	16 37 35	8°32'19	6♊27	12°58	23°43	28° 9	29°24	27° 1	10°16	25°36	1°55	18°48	20°18	5°25	n.a.	W14
T 15	16 41 32	9°29'35	21°18	15° 1	24°35	28°43	29°17	27° 9	10°15	25°35	1°54	18°44	20°14	5°31	n.a.	T 15
F 16	16 45 28	10°26'53	5♋50	17° 2	25°27	29°17	29°10	27°17	10°13	25°34	1°52	18°42	20°11	5°38	n.a.	F 16
S 17	16 49 25	11°24'11	19°58	19° 2	26°19	29°52	29° 3	27°25	10°11	25°32	1°51	18°D41	20° 8	5°45	n.a.	S 17
S 18	16 53 22	12°21'30	3♌39	21° 1	27° 9	0♍27	28°56	27°32	10° 9	25°31	1°49	18°42	20° 5	5°52	n.a.	S 18
M19	16 57 18	13°18'49	16°54	22°58	27°59	1° 2	28°48	27°40	10° 7	25°30	1°48	18°43	20° 2	5°58	n.a.	M19
T 20	17 1 15	14°16'10	29°45	24°53	28°49	1°37	28°41	27°48	10° 4	25°29	1°46	18°45	19°59	6° 5	n.a.	T 20
W21	17 5 11	15°13'31	12♍15	26°47	29°37	2°12	28°34	27°55	10° 2	25°28	1°45	18°R46	19°55	6°12	n.a.	W21
T 22	17 9 8	16°10'52	24°29	28°39	0♌25	2°48	28°26	28° 3	10° 0	25°27	1°44	18°45	19°52	6°18	n.a.	T 22
F 23	17 13 4	17° 8'15	6♎32	0♋30	1°12	3°23	28°19	28°10	9°58	25°26	1°42	18°44	19°49	6°25	n.a.	F 23
S 24	17 17 1	18° 5'39	18°28	2°19	1°58	3°59	28°11	28°18	9°56	25°24	1°41	18°41	19°46	6°32	n.a.	S 24
S 25	17 20 57	19° 3'03	0♏20	4° 6	2°44	4°35	28° 4	28°25	9°54	25°23	1°39	18°37	19°43	6°39	n.a.	S 25
M26	17 24 54	20° 0'29	12°13	5°52	3°28	5°11	27°56	28°33	9°52	25°22	1°38	18°32	19°39	6°45	n.a.	M26
T 27	17 28 51	20°57'55	24° 9	7°36	4°12	5°48	27°48	28°40	9°49	25°21	1°37	18°27	19°36	6°52	n.a.	T 27
W28	17 32 47	21°55'23	6♐11	9°19	4°54	6°24	27°41	28°48	9°47	25°19	1°35	18°23	19°33	6°59	n.a.	W28
T 29	17 36 44	22°52'52	18°20	11° 0	5°36	7° 1	27°33	28°55	9°45	25°18	1°34	18°19	19°30	7° 5	n.a.	T 29
F 30	17 40 40	23♊50'23	0♑39	12♋40	6♌17	7♍37	27♐25	29♉ 3	9♑43	25♑17	1♐33	18♋17	19♋27	7♏12	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n38	19s 1	3n17	16n49	0n 2	25n17	1n57	15n30	0n48	24s26	0s34	18n22	1s 6	23s58	0s33	22s 4	0s43	20s17	0n42	22n26	22n12	8s21		n.a.
F 2	19 51	21 12	2 23	17 36	0 13	25 9	1 54	15 18	0 46	24 26	0 34	18 24	1 6	23 59	0 33	22 5	0 43	20 17	0 42	22 27	22 12	8 23		n.a.
S 3	20 5	22 26	1 22	18 21	0 23	24 59	1 50	15 6	0 45	24 26	0 35	18 26	1 6	23 59	0 33	22 5	0 43	20 17	0 42	22 27	22 13	8 26		n.a.
S 4	20 17	22 36	0 16	19 5	0 33	24 50	1 47	14 54	0 43	24 27	0 35	18 28	1 6	23 59	0 33	22 5	0 43	20 17	0 42	22 28	22 13	8 28		n.a.
M 5	20 30	21 36	0s51	19 47	0 43	24 39	1 43	14 42	0 42	24 27	0 35	18 30	1 6	23 59	0 33	22 5	0 43	20 16	0 42	22 27	22 14	8 31		n.a.
T 6	20 42	19 29	1 58	20 28	0 52	24 28	1 39	14 29	0 40	24 27	0 35	18 32	1 6	23 59	0 33	22 5	0 43	20 16	0 42	22 27	22 14	8 33		n.a.
W 7	20 54	16 18	3 0	21 6	1 1	24 17	1 35	14 17	0 39	24 27	0 36	18 34	1 6	23 59	0 33	22 6	0 44	20 16	0 42	22 27	22 15	8 36		n.a.
T 8	21 6	12 10	3 54	21 42	1 9	24 5	1 30	14 4	0 37	24 28	0 36	18 36	1 6	24 0	0 33	22 6	0 44	20 16	0 42	22 27	22 15	8 38		n.a.
F 9	21 17	7 18	4 36	22 16	1 16	23 53	1 26	13 52	0 36	24 28	0 36	18 38	1 5	24 0	0 33	22 6	0 44	20 16	0 41	22 27	22 16	8 40		n.a.
S 10	21 27	1 54	5 2	22 48	1 23	23 40	1 21	13 39	0 34	24 28	0 36	18 39	1 5	24 0	0 33	22 6	0 44	20 15	0 41	22 28	22 16	8 43		n.a.
S 11	21 38	3n43	5 9	23 16	1 29	23 27	1 16	13 26	0 33	24 28	0 36	18 41	1 5	24 0	0 33	22 6	0 44	20 15	0 41	22 29	22 17	8 45		n.a.
M12	21 48	9 14	4 55	23 43	1 34	23 13	1 11	13 13	0 32	24 28	0 37	18 43	1 5	24 0	0 33	22 6	0 44	20 15	0 41	22 29	22 17	8 48		n.a.
T 13	21 58	14 14	4 21	24 6	1 39	22 59	1 6	13 0	0 30	24 29	0 37	18 45	1 5	24 0	0 33	22 7	0 44	20 15	0 41	22 30	22 17	8 50		n.a.
W14	22 7	18 20	3 29	24 27	1 43	22 44	1 1	12 47	0 29	24 29	0 37	18 47	1 5	24 1	0 33	22 7	0 44	20 15	0 41	22 31	22 18	8 53		n.a.
T 15	22 16	21 11	2 23	24 45	1 46	22 29	0 55	12 33	0 27	24 29	0 37	18 49	1 5	24 1	0 33	22 7	0 44	20 14	0 41	22 32	22 18	8 55		n.a.
F 16	22 25	22 35	1 9	25 1	1 48	22 14	0 49	12 20	0 26	24 29	0 37	18 51	1 5	24 1	0 33	22 7	0 44	20 14	0 41	22 32	22 19	8 58		n.a.
S 17	22 33	22 28	0n 7	25 14	1 50	21 58	0 43	12 6	0 25	24 29	0 38	18 52	1 5	24 1	0 33	22 8	0 44	20 14	0 41	22 32	22 19	9 0		n.a.
S 18	22 41	20 59	1 21	25 24	1 51	21 42	0 37	11 53	0 23	24 29	0 38	18 54	1 5	24 1	0 33	22 8	0 44	20 14	0 41	22 32	22 20	9 3		n.a.
M19	22 48	18 23	2 28	25 32	1 52	21 26	0 31	11 39	0 22	24 30	0 38	18 56	1 5	24 1	0 33	22 8	0 44	20 14	0 40	22 32	22 20	9 5		n.a.
T 20	22 55	14 57	3 25	25 37	1 52	21 9	0 24	11 25	0 21	24 30	0 38	18 58	1 5	24 2	0 33	22 8	0 44	20 13	0 40	22 32	22 21	9 7		n.a.
W21	23 2	10 56	4 11	25 40	1 51	20 52	0 17	11 11	0 20	24 30	0 38	19 0	1 5	24 2	0 33	22 9	0 44	20 13	0 40	22 31	22 21	9 10		n.a.
T 22	23 8	6 34	4 45	25 41	1 50	20 35	0 10	10 56	0 18	24 30	0 39	19 1	1 5	24 2	0 33	22 9	0 44	20 13	0 40	22 31	22 22	9 12		n.a.
F 23	23 14	2 1	5 5	25 40	1 48	20 18	0 3	10 42	0 17	24 30	0 39	19 3	1 5	24 2	0 33	22 9	0 44	20 13	0 40	22 32	22 22	9 15		n.a.
S 24	23 19	2s33	5 12	25 36	1 45	20 0	0s 4	10 28	0 16	24 30	0 39	19 5	1 5	24 2	0 33	22 9	0 44	20 13	0 40	22 32	22 23	9 17		n.a.
S 25	23 24	7 1	5 6	25 31	1 43	19 42	0 12	10 13	0 14	24 30	0 39	19 7	1 5	24 3	0 33	22 10	0 44	20 13	0 40	22 33	22 23	9 20		n.a.
M26	23 29	11 14	4 46	25 23	1 39	19 24	0 20	9 59	0 13	24 30	0 39	19 8	1 5	24 3	0 33	22 10	0 44	20 12	0 40	22 33	22 24	9 22		n.a.
T 27	23 33	15 2	4 14	25 14	1 36	19 6	0 28	9 44	0 12	24 30	0 40	19 10	1 5	24 3	0 33	22 10	0 44	20 12	0 40	22 34	22 24	9 25		n.a.
W28	23 37	18 16	3 31	25 3	1 31	18 48	0 36	9 29	0 11	24 30	0 40	19 12	1 4	24 3	0 33	22 10	0 44	20 12	0 40	22 35	22 25	9 27		n.a.
T 29	23 40	20 44	2 37	24 50	1 27	18 29	0 45	9 14	0 9	24 30	0 40	19 14	1 4	24 3	0 34	22 11	0 44	20 12	0 39	22 35	22 25	9 29		n.a.
F 30	23n43	22s16	1n35	24n36	1n22	18n11	0s53	8n59	0n 8	24s30	0s40	19n15	1s 4	24s 3	0s34	22s11	0s44	20s12	0n39	22n35	22n26	9s32		n.a.

Julian Day Number = 1194153.5, Delta T = 09h29m09s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'38, Lahiri = -23°52'37 Julian Calendar 1 June 1444 BCE == Greg. Calendar 19 May 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

JULY 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 44 37	24♊47'54	13♉ 8	14♋18	6♌56	8♍14	27°R17	29♉10	9°R40	25°R15	1°R31	18°D16	19♋24	7♏19	n.a.	S 1
S 2	17 48 33	25°45'27	25°48	15°54	7°35	8°51	27♐ 9	29°17	9♉38	25♉14	1♐30	18♋16	19°20	7°26	n.a.	S 2
M 3	17 52 30	26°43'02	8♒41	17°29	8°12	9°28	27° 2	29°25	9°36	25°13	1°29	18°17	19°17	7°32	n.a.	M 3
T 4	17 56 26	27°40'39	21°48	19° 2	8°48	10° 6	26°54	29°32	9°34	25°11	1°27	18°18	19°14	7°39	n.a.	T 4
W 5	18 0 23	28°38'16	5♓10	20°34	9°23	10°43	26°46	29°39	9°31	25°10	1°26	18°20	19°11	7°46	n.a.	W 5
T 6	18 4 20	29°35'56	18°48	22° 5	9°56	11°21	26°38	29°46	9°29	25° 8	1°25	18°21	19° 8	7°52	n.a.	T 6
F 7	18 8 16	0♋33'37	2♈42	23°33	10°29	11°59	26°30	29°54	9°27	25° 7	1°24	18°R21	19° 5	7°59	n.a.	F 7
S 8	18 12 13	1°31'21	16°53	25° 0	10°59	12°37	26°23	0♊ 1	9°24	25° 5	1°22	18°20	19° 1	8° 6	n.a.	S 8
S 9	18 16 9	2°29'06	1♉17	26°26	11°29	13°15	26°15	0° 8	9°22	25° 4	1°21	18°19	18°58	8°13	n.a.	S 9
M10	18 20 6	3°26'53	15°52	27°50	11°57	13°53	26° 7	0°15	9°19	25° 2	1°20	18°17	18°55	8°19	n.a.	M10
T 11	18 24 2	4°24'42	0♊33	29°12	12°23	14°31	25°59	0°22	9°17	25° 1	1°19	18°16	18°52	8°26	n.a.	T 11
W12	18 27 59	5°22'33	15°12	0♌33	12°48	15° 9	25°52	0°29	9°15	24°59	1°18	18°14	18°49	8°33	n.a.	W12
T 13	18 31 55	6°20'25	29°45	1°52	13°11	15°48	25°44	0°36	9°12	24°58	1°17	18°13	18°45	8°39	n.a.	T 13
F 14	18 35 52	7°18'20	14♋ 3	3° 9	13°33	16°27	25°37	0°43	9°10	24°56	1°15	18°D13	18°42	8°46	n.a.	F 14
S 15	18 39 49	8°16'16	28° 3	4°24	13°53	17° 6	25°29	0°49	9° 7	24°55	1°14	18°13	18°39	8°53	n.a.	S 15
S 16	18 43 45	9°14'13	11♌42	5°37	14°10	17°45	25°22	0°56	9° 5	24°53	1°13	18°13	18°36	9° 0	n.a.	S 16
M17	18 47 42	10°12'12	24°57	6°49	14°26	18°24	25°14	1° 3	9° 3	24°52	1°12	18°14	18°33	9° 6	n.a.	M17
T 18	18 51 38	11°10'13	7♍50	7°58	14°40	19° 3	25° 7	1° 9	9° 0	24°50	1°11	18°15	18°30	9°13	n.a.	T 18
W19	18 55 35	12° 8'15	20°23	9° 5	14°52	19°42	25° 0	1°16	8°58	24°48	1°10	18°15	18°26	9°20	n.a.	W19
T 20	18 59 31	13° 6'18	2♎40	10°10	15° 2	20°22	24°53	1°23	8°56	24°47	1° 9	18°16	18°23	9°27	n.a.	T 20
F 21	19 3 28	14° 4'23	14°44	11°13	15°10	21° 1	24°46	1°29	8°53	24°45	1° 8	18°R16	18°20	9°33	n.a.	F 21
S 22	19 7 24	15° 2'30	26°40	12°13	15°16	21°41	24°39	1°36	8°51	24°44	1° 7	18°16	18°17	9°40	n.a.	S 22
S 23	19 11 21	16° 0'39	8♏33	13°10	15°19	22°21	24°32	1°42	8°48	24°42	1° 6	18°16	18°14	9°47	n.a.	S 23
M24	19 15 18	16°58'49	20°27	14° 5	15°R20	23° 1	24°25	1°48	8°46	24°40	1° 5	18°15	18°10	9°53	n.a.	M24
T 25	19 19 14	17°57'00	2♐26	14°56	15°19	23°41	24°19	1°55	8°44	24°39	1° 4	18°D15	18° 7	10° 0	n.a.	T 25
W26	19 23 11	18°55'14	14°33	15°45	15°15	24°21	24°12	2° 1	8°41	24°37	1° 3	18°15	18° 4	10° 7	n.a.	W26
T 27	19 27 7	19°53'29	26°51	16°30	15° 9	25° 2	24° 6	2° 7	8°39	24°35	1° 3	18°15	18° 1	10°14	n.a.	T 27
F 28	19 31 4	20°51'47	9♑23	17°11	15° 0	25°42	24° 0	2°13	8°37	24°34	1° 2	18°16	17°58	10°20	n.a.	F 28
S 29	19 35 0	21°50'06	22°10	17°49	14°50	26°23	23°54	2°19	8°34	24°32	1° 1	18°R16	17°55	10°27	n.a.	S 29
S 30	19 38 57	22°48'27	5♒12	18°22	14°36	27° 3	23°48	2°25	8°32	24°30	1° 0	18°15	17°51	10°34	n.a.	S 30
M31	19 42 53	23♋46'50	18♒28	18♌51	14♌21	27♍44	23♐42	2♊31	8♑30	24♑29	0♐59	18♋15	17♋48	10♏40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	22s44	0n28	24n21	1n16	17n52	1s 2	8n44	0n 7	24s30	0s40	19n17	1s 4	24s 4	0s34	22s11	0s44	20s11	0n39	22n36	22n26	9s34		n.a.
S 2	23 48	22 2	0s41	24 4	1 10	17 33	1 11	8 29	0 6	24 30	0 40	19 19	1 4	24 4	0 34	22 11	0 44	20 11	0 39	22 36	22 26	9 37		n.a.
M 3	23 49	20 11	1 50	23 46	1 4	17 14	1 21	8 14	0 5	24 30	0 41	19 20	1 4	24 4	0 34	22 12	0 44	20 11	0 39	22 35	22 27	9 39		n.a.
T 4	23 51	17 14	2 54	23 26	0 58	16 56	1 30	7 58	0 4	24 30	0 41	19 22	1 4	24 4	0 34	22 12	0 44	20 11	0 39	22 35	22 27	9 42		n.a.
W 5	23 51	13 21	3 50	23 6	0 51	16 37	1 40	7 43	0 2	24 30	0 41	19 23	1 4	24 4	0 34	22 12	0 44	20 11	0 39	22 35	22 28	9 44		n.a.
T 6	23 52	8 42	4 35	22 44	0 44	16 18	1 50	7 27	0 1	24 30	0 41	19 25	1 4	24 5	0 34	22 13	0 44	20 11	0 39	22 35	22 28	9 46		n.a.
F 7	23 52	3 32	5 4	22 22	0 37	16 0	2 0	7 11	0 0	24 30	0 41	19 27	1 4	24 5	0 34	22 13	0 44	20 11	0 39	22 35	22 29	9 49		n.a.
S 8	23 51	1n54	5 16	21 59	0 29	15 41	2 11	6 56	0s 1	24 30	0 41	19 28	1 4	24 5	0 34	22 13	0 44	20 10	0 38	22 35	22 29	9 51		n.a.
S 9	23 50	7 20	5 8	21 35	0 21	15 23	2 22	6 40	0 2	24 30	0 42	19 30	1 4	24 5	0 34	22 13	0 44	20 10	0 38	22 35	22 30	9 54		n.a.
M10	23 49	12 25	4 40	21 10	0 13	15 4	2 33	6 24	0 3	24 30	0 42	19 31	1 4	24 5	0 34	22 14	0 44	20 10	0 38	22 35	22 30	9 56		n.a.
T 11	23 47	16 49	3 54	20 45	0 4	14 46	2 44	6 8	0 4	24 30	0 42	19 33	1 4	24 5	0 34	22 14	0 44	20 10	0 38	22 36	22 31	9 59		n.a.
W12	23 45	20 10	2 53	20 19	0s 4	14 28	2 55	5 52	0 6	24 30	0 42	19 34	1 4	24 6	0 34	22 14	0 44	20 10	0 38	22 36	22 31	10 1		n.a.
T 13	23 42	22 11	1 40	19 53	0 13	14 11	3 6	5 36	0 7	24 30	0 42	19 36	1 4	24 6	0 34	22 15	0 44	20 10	0 38	22 36	22 31	10 4		n.a.
F 14	23 39	22 44	0 23	19 27	0 22	13 53	3 18	5 19	0 8	24 30	0 42	19 37	1 4	24 6	0 34	22 15	0 45	20 10	0 38	22 36	22 32	10 6		n.a.
S 15	23 36	21 48	0n54	19 0	0 31	13 36	3 30	5 3	0 9	24 29	0 42	19 39	1 4	24 6	0 34	22 15	0 45	20 9	0 38	22 36	22 32	10 8		n.a.
S 16	23 32	19 36	2 6	18 33	0 41	13 20	3 42	4 47	0 10	24 29	0 42	19 40	1 4	24 6	0 34	22 16	0 45	20 9	0 38	22 36	22 33	10 11		n.a.
M17	23 28	16 24	3 10	18 6	0 50	13 3	3 54	4 30	0 11	24 29	0 43	19 41	1 4	24 7	0 34	22 16	0 45	20 9	0 37	22 36	22 33	10 13		n.a.
T 18	23 23	12 30	4 2	17 38	1 0	12 47	4 7	4 13	0 12	24 29	0 43	19 43	1 4	24 7	0 34	22 16	0 45	20 9	0 37	22 36	22 34	10 16		n.a.
W19	23 18	8 9	4 40	17 11	1 9	12 32	4 19	3 57	0 13	24 29	0 43	19 44	1 4	24 7	0 34	22 17	0 45	20 9	0 37	22 36	22 34	10 18		n.a.
T 20	23 12	3 35	5 5	16 44	1 19	12 17	4 32	3 40	0 14	24 29	0 43	19 46	1 4	24 7	0 34	22 17	0 45	20 9	0 37	22 36	22 35	10 21		n.a.
F 21	23 6	1s 3	5 16	16 18	1 29	12 2	4 45	3 23	0 15	24 28	0 43	19 47	1 4	24 7	0 34	22 17	0 45	20 9	0 37	22 36	22 35	10 23		n.a.
S 22	23 0	5 36	5 14	15 51	1 39	11 49	4 58	3 7	0 16	24 28	0 43	19 48	1 4	24 7	0 34	22 17	0 45	20 9	0 37	22 36	22 35	10 25		n.a.
S 23	22 53	9 55	4 57	15 25	1 49	11 35	5 10	2 50	0 17	24 28	0 43	19 50	1 4	24 8	0 34	22 18	0 45	20 9	0 37	22 36	22 36	10 28		n.a.
M24	22 46	13 52	4 29	15 0	1 59	11 23	5 23	2 33	0 18	24 28	0 43	19 51	1 4	24 8	0 34	22 18	0 45	20 9	0 37	22 36	22 36	10 30		n.a.
T 25	22 38	17 18	3 48	14 35	2 9	11 11	5 36	2 16	0 19	24 28	0 43	19 52	1 4	24 8	0 34	22 18	0 45	20 8	0 37	22 36	22 37	10 33		n.a.
W26	22 30	20 2	2 56	14 11	2 19	10 59	5 49	1 59	0 20	24 27	0 43	19 53	1 4	24 8	0 34	22 19	0 45	20 8	0 37	22 36	22 37	10 35		n.a.
T 27	22 22	21 54	1 56	13 49	2 29	10 49	6 2	1 41	0 21	24 27	0 44	19 55	1 4	24 8	0 34	22 19	0 45	20 8	0 36	22 36	22 38	10 38		n.a.
F 28	22 13	22 43	0 49	13 27	2 38	10 39	6 14	1 24	0 22	24 27	0 44	19 56	1 4	24 8	0 34	22 19	0 45	20 8	0 36	22 36	22 38	10 40		n.a.
S 29	22 3	22 22	0s22	13 6	2 48	10 31	6 27	1 7	0 23	24 27	0 44	19 57	1 4	24 9	0 34	22 20	0 45	20 8	0 36	22 36	22 38	10 42		n.a.
S 30	21 54	20 48	1 33	12 47	2 57	10 23	6 39	0 50	0 24	24 27	0 44	19 58	1 4	24 9	0 34	22 20	0 45	20 8	0 36	22 36	22 39	10 45		n.a.
M31	21n44	18s 5	2s40	12n29	3s 6	10n16	6s51	0n32	0s25	24s26	0s44	19n59	1s 4	24s 9	0s34	22s20	0s45	20s 8	0n36	22n36	22n39	10s47		n.a.

Julian Day Number = 1194183.5, Delta T = 09h29m07s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'33, Lahiri = -23°52'33 Julian Calendar 1 July 1444 BCE == Greg. Calendar 18 June 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

AUGUST 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 46 50	24♋45'15	1♓58	19♌15	14°R 3	28♍25	23°R36	2♊37	8°R28	24°R27	0°R59	18°R14	17♋45	10♏47	n.a.	T 1
W 2	19 50 47	25°43'42	15°40	19°35	13♌43	29° 6	23♐31	2°43	8♑25	24♑26	0♐58	18♋13	17°42	10°54	n.a.	W 2
T 3	19 54 43	26°42'12	29°33	19°48	13°21	29°47	23°25	2°48	8°23	24°24	0°57	18°13	17°39	11° 1	n.a.	T 3
F 4	19 58 40	27°40'44	13♈35	19°56	12°56	0♎28	23°20	2°54	8°21	24°22	0°57	18°12	17°36	11° 7	n.a.	F 4
S 5	20 2 36	28°39'18	27°44	19°R59	12°30	1° 9	23°15	2°59	8°19	24°21	0°56	18°D12	17°32	11°14	n.a.	S 5
S 6	20 6 33	29°37'55	11♉58	19°54	12° 2	1°51	23°10	3° 5	8°16	24°19	0°55	18°12	17°29	11°21	n.a.	S 6
M 7	20 10 29	0♌36'34	26°14	19°43	11°32	2°32	23° 5	3°10	8°14	24°17	0°55	18°13	17°26	11°27	n.a.	M 7
T 8	20 14 26	1°35'16	10♊29	19°25	11° 0	3°14	23° 1	3°16	8°12	24°16	0°54	18°14	17°23	11°34	n.a.	T 8
W 9	20 18 22	2°34'00	24°41	19° 1	10°28	3°55	22°56	3°21	8°10	24°14	0°54	18°15	17°20	11°41	n.a.	W 9
T 10	20 22 19	3°32'46	8♋46	18°29	9°54	4°37	22°52	3°26	8° 8	24°12	0°53	18°15	17°16	11°47	n.a.	T 10
F 11	20 26 16	4°31'35	22°41	17°50	9°19	5°19	22°48	3°31	8° 6	24°11	0°53	18°R16	17°13	11°54	n.a.	F 11
S 12	20 30 12	5°30'26	6♌23	17° 5	8°43	6° 1	22°44	3°36	8° 4	24° 9	0°52	18°15	17°10	12° 1	n.a.	S 12
S 13	20 34 9	6°29'19	19°48	16°14	8° 7	6°43	22°40	3°41	8° 2	24° 8	0°52	18°13	17° 7	12° 8	n.a.	S 13
M14	20 38 5	7°28'14	2♍56	15°17	7°30	7°25	22°37	3°46	8° 0	24° 6	0°52	18°11	17° 4	12°14	n.a.	M14
T 15	20 42 2	8°27'11	15°45	14°15	6°54	8° 8	22°34	3°51	7°58	24° 4	0°51	18° 8	17° 1	12°21	n.a.	T 15
W16	20 45 58	9°26'10	28°17	13°11	6°17	8°50	22°30	3°56	7°56	24° 3	0°51	18° 4	16°57	12°28	n.a.	W16
T 17	20 49 55	10°25'11	10♎34	12° 4	5°41	9°33	22°27	4° 0	7°54	24° 1	0°51	18° 1	16°54	12°34	n.a.	T 17
F 18	20 53 51	11°24'13	22°39	10°57	5° 6	10°15	22°25	4° 5	7°52	24° 0	0°50	17°59	16°51	12°41	n.a.	F 18
S 19	20 57 48	12°23'18	4♏35	9°52	4°32	10°58	22°22	4° 9	7°50	23°58	0°50	17°58	16°48	12°48	n.a.	S 19
S 20	21 1 44	13°22'25	16°27	8°49	3°58	11°41	22°20	4°14	7°48	23°56	0°50	17°D58	16°45	12°55	n.a.	S 20
M21	21 5 41	14°21'34	28°20	7°52	3°26	12°24	22°17	4°18	7°47	23°55	0°50	17°58	16°42	13° 1	n.a.	M21
T 22	21 9 38	15°20'44	10♐19	7° 1	2°56	13° 6	22°15	4°22	7°45	23°53	0°50	18° 0	16°38	13° 8	n.a.	T 22
W23	21 13 34	16°19'57	22°28	6°17	2°27	13°49	22°14	4°26	7°43	23°52	0°49	18° 2	16°35	13°15	n.a.	W23
T 24	21 17 31	17°19'12	4♑52	5°43	2° 0	14°33	22°12	4°30	7°42	23°50	0°49	18° 3	16°32	13°21	n.a.	T 24
F 25	21 21 27	18°18'29	17°34	5°18	1°35	15°16	22°10	4°34	7°40	23°49	0°49	18°R 4	16°29	13°28	n.a.	F 25
S 26	21 25 24	19°17'47	0♒36	5° 4	1°12	15°59	22° 9	4°38	7°38	23°48	0°49	18° 3	16°26	13°35	n.a.	S 26
S 27	21 29 20	20°17'08	13°58	5°D 1	0°51	16°42	22° 8	4°42	7°37	23°46	0°D49	18° 1	16°22	13°42	n.a.	S 27
M28	21 33 17	21°16'31	27°39	5° 8	0°32	17°26	22° 7	4°45	7°35	23°45	0°49	17°57	16°19	13°48	n.a.	M28
T 29	21 37 13	22°15'56	11♓37	5°25	0°16	18° 9	22° 7	4°49	7°34	23°43	0°49	17°52	16°16	13°55	n.a.	T 29
W30	21 41 10	23°15'24	25°48	5°53	0° 2	18°53	22° 6	4°52	7°32	23°42	0°49	17°47	16°13	14° 2	n.a.	W30
T 31	21 45 6	24♌14'53	10♈ 6	6♌30	29♋51	19♎37	22♐ 6	4♊56	7♑31	23♑40	0♐50	17♋41	16♋10	14♏ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n33	14s22	3s39	12n14	3s15	10n 9	7s 3	0n15	0s26	24s26	0s44	20n 1	1s 4	24s 9	0s34	22s21	0s45	20s 8	0n36	22n36	22n40	10s50			n.a.
W 2	21 22	9 50	4 27	12 0	3 23	10 4	7 14	0s 2	0 27	24 26	0 44	20 2	1 4	24 9	0 34	22 21	0 45	20 8	0 36	22 36	22 40	10 52			n.a.
T 3	21 11	4 45	5 0	11 48	3 31	10 0	7 25	0 20	0 28	24 26	0 44	20 3	1 4	24 9	0 34	22 21	0 45	20 8	0 36	22 36	22 41	10 54			n.a.
F 4	21 0	0n37	5 15	11 39	3 38	9 57	7 36	0 37	0 28	24 26	0 44	20 4	1 4	24 9	0 34	22 22	0 45	20 8	0 35	22 36	22 41	10 57			n.a.
S 5	20 48	6 0	5 12	11 32	3 45	9 55	7 46	0 55	0 29	24 25	0 44	20 5	1 4	24 10	0 34	22 22	0 45	20 8	0 35	22 36	22 41	10 59			n.a.
S 6	20 35	11 6	4 50	11 28	3 50	9 53	7 55	1 12	0 30	24 25	0 44	20 6	1 4	24 10	0 34	22 22	0 45	20 8	0 35	22 36	22 42	11 2			n.a.
M 7	20 23	15 36	4 10	11 27	3 55	9 53	8 4	1 30	0 31	24 25	0 44	20 7	1 4	24 10	0 34	22 22	0 45	20 8	0 35	22 36	22 42	11 4			n.a.
T 8	20 10	19 13	3 14	11 29	3 59	9 54	8 11	1 48	0 32	24 25	0 44	20 8	1 4	24 10	0 34	22 23	0 45	20 8	0 35	22 36	22 43	11 6			n.a.
W 9	19 56	21 39	2 7	11 35	4 1	9 56	8 19	2 5	0 33	24 25	0 44	20 9	1 4	24 10	0 34	22 23	0 45	20 8	0 35	22 36	22 43	11 9			n.a.
T 10	19 42	22 42	0 52	11 44	4 2	9 58	8 25	2 23	0 34	24 24	0 44	20 10	1 4	24 10	0 34	22 23	0 45	20 8	0 35	22 36	22 44	11 11			n.a.
F 11	19 28	22 19	0n24	11 56	4 1	10 2	8 31	2 41	0 35	24 24	0 44	20 11	1 4	24 10	0 34	22 24	0 45	20 8	0 35	22 36	22 44	11 14			n.a.
S 12	19 14	20 36	1 38	12 12	3 58	10 7	8 35	2 58	0 35	24 24	0 44	20 12	1 4	24 10	0 34	22 24	0 45	20 8	0 35	22 36	22 44	11 16			n.a.
S 13	18 59	17 45	2 45	12 32	3 54	10 12	8 39	3 16	0 36	24 24	0 44	20 13	1 4	24 11	0 34	22 24	0 45	20 8	0 34	22 36	22 45	11 19			n.a.
M14	18 44	14 3	3 42	12 55	3 48	10 18	8 42	3 34	0 37	24 24	0 44	20 14	1 4	24 11	0 34	22 25	0 45	20 8	0 34	22 36	22 45	11 21			n.a.
T 15	18 28	9 47	4 26	13 21	3 39	10 25	8 44	3 51	0 38	24 23	0 45	20 15	1 4	24 11	0 34	22 25	0 45	20 8	0 34	22 37	22 46	11 23			n.a.
W16	18 12	5 12	4 56	13 49	3 29	10 33	8 45	4 9	0 39	24 23	0 45	20 16	1 4	24 11	0 34	22 25	0 45	20 8	0 34	22 37	22 46	11 26			n.a.
T 17	17 56	0 31	5 12	14 20	3 17	10 42	8 45	4 27	0 39	24 23	0 45	20 17	1 4	24 11	0 34	22 25	0 45	20 8	0 34	22 38	22 46	11 28			n.a.
F 18	17 40	4s 7	5 13	14 52	3 2	10 51	8 44	4 45	0 40	24 23	0 45	20 17	1 4	24 11	0 34	22 26	0 45	20 8	0 34	22 38	22 47	11 31			n.a.
S 19	17 23	8 33	5 1	15 25	2 46	11 1	8 42	5 2	0 41	24 23	0 45	20 18	1 4	24 11	0 34	22 26	0 45	20 8	0 34	22 38	22 47	11 33			n.a.
S 20	17 6	12 38	4 36	15 59	2 29	11 11	8 40	5 20	0 42	24 23	0 45	20 19	1 4	24 11	0 34	22 26	0 45	20 8	0 34	22 38	22 48	11 35			n.a.
M21	16 49	16 15	4 0	16 31	2 11	11 22	8 36	5 38	0 43	24 23	0 45	20 20	1 4	24 11	0 34	22 27	0 45	20 8	0 34	22 38	22 48	11 38			n.a.
T 22	16 31	19 13	3 12	17 3	1 51	11 33	8 32	5 56	0 43	24 23	0 45	20 21	1 4	24 11	0 34	22 27	0 45	20 8	0 33	22 38	22 48	11 40			n.a.
W23	16 13	21 23	2 16	17 33	1 32	11 44	8 26	6 13	0 44	24 22	0 45	20 21	1 4	24 12	0 34	22 27	0 45	20 8	0 33	22 38	22 49	11 42			n.a.
T 24	15 55	22 35	1 12	18 1	1 12	11 56	8 21	6 31	0 45	24 22	0 45	20 22	1 4	24 12	0 34	22 27	0 45	20 9	0 33	22 37	22 49	11 45			n.a.
F 25	15 37	22 39	0 3	18 26	0 52	12 8	8 14	6 49	0 46	24 22	0 45	20 23	1 4	24 12	0 34	22 28	0 45	20 9	0 33	22 37	22 50	11 47			n.a.
S 26	15 18	21 29	1s 8	18 48	0 33	12 20	8 7	7 6	0 46	24 22	0 45	20 23	1 4	24 12	0 34	22 28	0 45	20 9	0 33	22 37	22 50	11 50			n.a.
S 27	14 59	19 6	2 17	19 7	0 15	12 32	7 59	7 24	0 47	24 22	0 45	20 24	1 4	24 12	0 34	22 28	0 45	20 9	0 33	22 38	22 50	11 52			n.a.
M28	14 40	15 36	3 19	19 22	0n 3	12 44	7 50	7 42	0 48	24 22	0 45	20 25	1 4	24 12	0 34	22 28	0 45	20 9	0 33	22 38	22 51	11 54			n.a.
T 29	14 20	11 11	4 11	19 34	0 19	12 56	7 41	7 59	0 48	24 22	0 45	20 25	1 4	24 12	0 33	22 29	0 45	20 9	0 33	22 39	22 51	11 57			n.a.
W30	14 0	6 5	4 48	19 42	0 34	13 9	7 32	8 17	0 49	24 22	0 45	20 26	1 4	24 12	0 33	22 29	0 45	20 9	0 33	22 40	22 52	11 59			n.a.
T 31	13n40	0s38	5s 8	19n46	0n48	13n20	7s22	8s34	0s50	24s22	0s45	20n27	1s 4	24s12	0s33	22s29	0s45	20s 9	0n32	22n40	22n52	12s 2			n.a.

Julian Day Number = 1194214.5, Delta T = 09h29m05s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'29, Lahiri = -23°52'29 Julian Calendar 1 Aug. 1444 BCE == Greg. Calendar 19 July 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

SEPTEMBER 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 49 3	25♌14'25	24♈27	7♌16	29°R42	20♎20	22°D 6	4♊59	7°R29	23°R39	0♐50	17°R37	16♋ 7	14♏15	n.a.	F 1
S 2	21 53 0	26°14'00	8♉46	8°10	29♋35	21° 4	22♐ 6	5° 2	7♑28	23♑38	0°50	17♋34	16° 3	14°22	n.a.	S 2
S 3	21 56 56	27°13'37	23° 0	9°11	29°31	21°48	22° 6	5° 5	7°27	23°36	0°50	17°D32	16° 0	14°29	n.a.	S 3
M 4	22 0 53	28°13'17	7♊ 7	10°19	29°D30	22°32	22° 7	5° 8	7°26	23°35	0°50	17°33	15°57	14°35	n.a.	M 4
T 5	22 4 49	29°12'59	21° 4	11°32	29°31	23°16	22° 8	5°11	7°24	23°34	0°51	17°34	15°54	14°42	n.a.	T 5
W 6	22 8 46	0♍12'44	4♋53	12°51	29°34	24° 0	22° 9	5°14	7°23	23°33	0°51	17°35	15°51	14°49	n.a.	W 6
T 7	22 12 42	1°12'31	18°32	14°14	29°39	24°45	22°10	5°16	7°22	23°31	0°51	17°R36	15°48	14°55	n.a.	T 7
F 8	22 16 39	2°12'20	2♌ 0	15°41	29°47	25°29	22°11	5°19	7°21	23°30	0°52	17°35	15°44	15° 2	n.a.	F 8
S 9	22 20 35	3°12'12	15°17	17°10	29°57	26°13	22°13	5°21	7°20	23°29	0°52	17°32	15°41	15° 9	n.a.	S 9
S 10	22 24 32	4°12'06	28°23	18°43	0♌ 9	26°58	22°14	5°24	7°19	23°28	0°52	17°26	15°38	15°15	n.a.	S 10
M11	22 28 28	5°12'01	11♍15	20°17	0°24	27°42	22°16	5°26	7°18	23°27	0°53	17°19	15°35	15°22	n.a.	M11
T 12	22 32 25	6°11'59	23°54	21°53	0°40	28°27	22°19	5°28	7°17	23°26	0°53	17°10	15°32	15°29	n.a.	T 12
W13	22 36 22	7°11'59	6♎20	23°31	0°58	29°11	22°21	5°30	7°16	23°24	0°54	17° 0	15°28	15°36	n.a.	W13
T 14	22 40 18	8°12'01	18°33	25° 9	1°18	29°56	22°23	5°32	7°15	23°23	0°54	16°51	15°25	15°42	n.a.	T 14
F 15	22 44 15	9°12'05	0♏35	26°48	1°41	0♏41	22°26	5°34	7°15	23°22	0°55	16°43	15°22	15°49	n.a.	F 15
S 16	22 48 11	10°12'10	12°29	28°28	2° 5	1°26	22°29	5°35	7°14	23°21	0°55	16°37	15°19	15°56	n.a.	S 16
S 17	22 52 8	11°12'18	24°20	0♍ 9	2°30	2°11	22°32	5°37	7°13	23°20	0°56	16°33	15°16	16° 2	n.a.	S 17
M18	22 56 4	12°12'27	6♐10	1°49	2°58	2°56	22°36	5°38	7°13	23°19	0°57	16°31	15°13	16° 9	n.a.	M18
T 19	23 0 1	13°12'38	18° 7	3°29	3°27	3°41	22°39	5°40	7°12	23°18	0°57	16°D31	15° 9	16°16	n.a.	T 19
W20	23 3 57	14°12'51	0♑14	5°10	3°57	4°26	22°43	5°41	7°12	23°18	0°58	16°32	15° 6	16°22	n.a.	W20
T 21	23 7 54	15°13'05	12°37	6°50	4°29	5°11	22°47	5°42	7°11	23°17	0°59	16°R32	15° 3	16°29	n.a.	T 21
F 22	23 11 50	16°13'21	25°20	8°31	5° 3	5°56	22°51	5°43	7°11	23°16	1° 0	16°32	15° 0	16°36	n.a.	F 22
S 23	23 15 47	17°13'39	8♒28	10°11	5°38	6°42	22°55	5°44	7°10	23°15	1° 1	16°30	14°57	16°43	n.a.	S 23
S 24	23 19 44	18°13'58	22° 2	11°50	6°14	7°27	22°59	5°45	7°10	23°14	1° 1	16°25	14°53	16°49	n.a.	S 24
M25	23 23 40	19°14'20	6♓ 2	13°30	6°52	8°12	23° 4	5°45	7°10	23°13	1° 2	16°18	14°50	16°56	n.a.	M25
T 26	23 27 37	20°14'42	20°24	15° 9	7°31	8°58	23° 9	5°46	7°10	23°13	1° 3	16° 9	14°47	17° 3	n.a.	T 26
W27	23 31 33	21°15'07	5♈ 3	16°47	8°11	9°43	23°14	5°46	7° 9	23°12	1° 4	15°58	14°44	17° 9	n.a.	W27
T 28	23 35 30	22°15'34	19°50	18°26	8°52	10°29	23°19	5°47	7° 9	23°11	1° 5	15°48	14°41	17°16	n.a.	T 28
F 29	23 39 26	23°16'02	4♉38	20° 4	9°35	11°14	23°24	5°47	7° 9	23°11	1° 6	15°39	14°38	17°23	n.a.	F 29
S 30	23 43 23	24♍16'33	19♉18	21♍41	10♌18	12♏ 0	23♐30	5°R47	7°D 9	23♑10	1♐ 7	15♋32	14♋34	17♏30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n20	4n52	5s 8	19n46	1n 1	13n32	7s12	8s52	0s50	24s22	0s45	20n27	1s 4	24s12	0s33	22s29	0s45	20s10	0n32	22n41	22n52	12s 4		n.a.
S 2	13 0	10 6	4 50	19 43	1 12	13 44	7 1	9 9	0 51	24 22	0 45	20 28	1 4	24 12	0 33	22 30	0 45	20 10	0 32	22 41	22 53	12 6		n.a.
S 3	12 39	14 46	4 13	19 36	1 22	13 55	6 51	9 26	0 52	24 22	0 45	20 28	1 4	24 12	0 33	22 30	0 45	20 10	0 32	22 41	22 53	12 9		n.a.
M 4	12 18	18 34	3 22	19 25	1 31	14 6	6 40	9 44	0 52	24 22	0 45	20 29	1 4	24 12	0 33	22 30	0 45	20 10	0 32	22 41	22 53	12 11		n.a.
T 5	11 57	21 15	2 19	19 12	1 38	14 17	6 29	10 1	0 53	24 22	0 45	20 29	1 4	24 12	0 33	22 30	0 45	20 10	0 32	22 41	22 54	12 13		n.a.
W 6	11 36	22 38	1 8	18 55	1 44	14 27	6 17	10 18	0 54	24 22	0 45	20 30	1 4	24 13	0 33	22 30	0 45	20 10	0 32	22 41	22 54	12 16		n.a.
T 7	11 14	22 38	0n 5	18 35	1 49	14 37	6 6	10 35	0 54	24 22	0 45	20 30	1 4	24 13	0 33	22 31	0 45	20 11	0 32	22 41	22 55	12 18		n.a.
F 8	10 52	21 19	1 17	18 13	1 53	14 47	5 54	10 52	0 55	24 22	0 45	20 31	1 4	24 13	0 33	22 31	0 45	20 11	0 32	22 41	22 55	12 21		n.a.
S 9	10 31	18 49	2 24	17 48	1 56	14 56	5 43	11 9	0 55	24 22	0 45	20 31	1 5	24 13	0 33	22 31	0 45	20 11	0 31	22 42	22 55	12 23		n.a.
S 10	10 8	15 23	3 22	17 21	1 58	15 5	5 31	11 26	0 56	24 23	0 45	20 31	1 5	24 13	0 33	22 31	0 45	20 11	0 31	22 42	22 56	12 25		n.a.
M11	9 46	11 17	4 8	16 52	1 59	15 13	5 20	11 43	0 57	24 23	0 45	20 32	1 5	24 13	0 33	22 32	0 45	20 11	0 31	22 43	22 56	12 28		n.a.
T 12	9 24	6 45	4 42	16 21	2 0	15 21	5 8	12 0	0 57	24 23	0 45	20 32	1 5	24 13	0 33	22 32	0 45	20 12	0 31	22 44	22 57	12 30		n.a.
W13	9 1	2 2	5 1	15 48	1 59	15 28	4 57	12 17	0 58	24 23	0 45	20 32	1 5	24 13	0 33	22 32	0 45	20 12	0 31	22 46	22 57	12 32		n.a.
T 14	8 38	2s41	5 6	15 13	1 58	15 35	4 45	12 33	0 58	24 23	0 45	20 33	1 5	24 13	0 33	22 32	0 45	20 12	0 31	22 47	22 57	12 35		n.a.
F 15	8 16	7 15	4 57	14 37	1 57	15 41	4 34	12 50	0 59	24 23	0 45	20 33	1 5	24 13	0 33	22 32	0 45	20 12	0 31	22 48	22 58	12 37		n.a.
S 16	7 53	11 29	4 36	14 0	1 55	15 47	4 23	13 6	0 59	24 23	0 45	20 33	1 5	24 13	0 33	22 32	0 45	20 12	0 31	22 49	22 58	12 40		n.a.
S 17	7 29	15 16	4 3	13 22	1 52	15 52	4 11	13 23	1 0	24 23	0 45	20 34	1 5	24 13	0 33	22 33	0 45	20 13	0 31	22 49	22 58	12 42		n.a.
M18	7 6	18 27	3 19	12 42	1 49	15 57	4 0	13 39	1 0	24 24	0 45	20 34	1 5	24 13	0 33	22 33	0 45	20 13	0 30	22 49	22 59	12 44		n.a.
T 19	6 43	20 54	2 26	12 2	1 45	16 1	3 49	13 55	1 1	24 24	0 45	20 34	1 5	24 13	0 33	22 33	0 45	20 13	0 30	22 49	22 59	12 47		n.a.
W20	6 19	22 26	1 26	11 21	1 41	16 4	3 38	14 11	1 1	24 24	0 45	20 34	1 5	24 13	0 33	22 33	0 45	20 13	0 30	22 49	22 59	12 49		n.a.
T 21	5 55	22 54	0 21	10 39	1 37	16 7	3 28	14 27	1 2	24 24	0 45	20 34	1 5	24 13	0 33	22 33	0 45	20 14	0 30	22 49	23 0	12 51		n.a.
F 22	5 32	22 13	0s47	9 57	1 32	16 10	3 17	14 43	1 2	24 24	0 44	20 35	1 5	24 13	0 33	22 33	0 45	20 14	0 30	22 49	23 0	12 54		n.a.
S 23	5 8	20 18	1 54	9 14	1 28	16 11	3 6	14 59	1 3	24 25	0 44	20 35	1 5	24 13	0 33	22 33	0 45	20 14	0 30	22 49	23 1	12 56		n.a.
S 24	4 44	17 12	2 57	8 31	1 22	16 12	2 56	15 14	1 3	24 25	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 14	0 30	22 50	23 1	12 58		n.a.
M25	4 20	13 2	3 52	7 47	1 17	16 13	2 46	15 30	1 4	24 25	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 15	0 30	22 51	23 1	13 1		n.a.
T 26	3 56	8 2	4 33	7 3	1 12	16 12	2 36	15 45	1 4	24 25	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 15	0 30	22 52	23 2	13 3		n.a.
W27	3 32	2 30	4 57	6 19	1 6	16 12	2 26	16 0	1 5	24 26	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 15	0 29	22 53	23 2	13 5		n.a.
T 28	3 7	3n15	5 2	5 34	1 0	16 10	2 16	16 15	1 5	24 26	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 16	0 29	22 55	23 2	13 8		n.a.
F 29	2 43	8 48	4 46	4 50	0 54	16 8	2 7	16 30	1 6	24 26	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 16	0 29	22 56	23 3	13 10		n.a.
S 30	2n19	13n49	4s12	4n 5	0n48	16n 5	1s57	16s45	1s 6	24s26	0s44	20n35	1s 5	24s13	0s33	22s34	0s45	20s16	0n29	22n56	23n 3	13s12		n.a.

Julian Day Number = 1194245.5, Delta T = 09h29m03s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'25, Lahiri = -23°52'25 Julian Calendar 1 Sept. 1444 BCE == Greg. Calendar 19 Aug. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

OCTOBER 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 47 19	25♍17'05	3♊45	23♍19	11♌ 3	12♏46	23♐35	5°R47	7♑ 9	23°R10	1♐ 8	15°R28	14♋31	17♏36	n.a.	S 1
M 2	23 51 16	26°17'40	17°56	24°56	11°49	13°32	23°41	5♊47	7° 9	23♑ 9	1° 9	15♋26	14°28	17°43	n.a.	M 2
T 3	23 55 13	27°18'17	1♋49	26°32	12°35	14°17	23°47	5°47	7°10	23° 8	1°10	15°D26	14°25	17°50	n.a.	T 3
W 4	23 59 9	28°18'56	15°25	28° 9	13°23	15° 3	23°53	5°46	7°10	23° 8	1°11	15°R26	14°22	17°56	n.a.	W 4
T 5	0 3 6	29°19'36	28°46	29°45	14°12	15°49	24° 0	5°46	7°10	23° 8	1°12	15°25	14°19	18° 3	n.a.	T 5
F 6	0 7 2	0♎20'19	11♌53	1♎20	15° 1	16°35	24° 6	5°45	7°10	23° 7	1°14	15°23	14°15	18°10	n.a.	F 6
S 7	0 10 59	1°21'03	24°48	2°56	15°51	17°21	24°13	5°45	7°11	23° 7	1°15	15°17	14°12	18°16	n.a.	S 7
S 8	0 14 55	2°21'49	7♍33	4°31	16°42	18° 7	24°20	5°44	7°11	23° 6	1°16	15° 9	14° 9	18°23	n.a.	S 8
M 9	0 18 52	3°22'37	20° 7	6° 6	17°34	18°53	24°27	5°43	7°12	23° 6	1°17	14°57	14° 6	18°30	n.a.	M 9
T 10	0 22 48	4°23'26	2♎32	7°40	18°27	19°39	24°34	5°42	7°12	23° 6	1°18	14°43	14° 3	18°37	n.a.	T 10
W11	0 26 45	5°24'16	14°46	9°15	19°20	20°26	24°41	5°41	7°13	23° 6	1°20	14°29	13°59	18°43	n.a.	W11
T 12	0 30 42	6°25'08	26°52	10°49	20°14	21°12	24°49	5°39	7°13	23° 5	1°21	14°15	13°56	18°50	n.a.	T 12
F 13	0 34 38	7°26'02	8♏50	12°23	21° 8	21°58	24°56	5°38	7°14	23° 5	1°22	14° 2	13°53	18°57	n.a.	F 13
S 14	0 38 35	8°26'56	20°42	13°57	22° 4	22°44	25° 4	5°36	7°15	23° 5	1°24	13°51	13°50	19° 3	n.a.	S 14
S 15	0 42 31	9°27'52	2♐30	15°31	23° 0	23°31	25°12	5°35	7°15	23° 5	1°25	13°43	13°47	19°10	n.a.	S 15
M16	0 46 28	10°28'49	14°19	17° 4	23°56	24°17	25°20	5°33	7°16	23° 5	1°27	13°39	13°44	19°17	n.a.	M16
T 17	0 50 24	11°29'47	26°12	18°38	24°53	25° 4	25°28	5°31	7°17	23° 5	1°28	13°37	13°40	19°23	n.a.	T 17
W18	0 54 21	12°30'46	8♑15	20°11	25°51	25°50	25°36	5°29	7°18	23°D 5	1°29	13°36	13°37	19°30	n.a.	W18
T 19	0 58 17	13°31'46	20°33	21°44	26°49	26°36	25°45	5°27	7°19	23° 5	1°31	13°36	13°34	19°37	n.a.	T 19
F 20	1 2 14	14°32'47	3♒12	23°17	27°48	27°23	25°54	5°25	7°20	23° 5	1°32	13°35	13°31	19°43	n.a.	F 20
S 21	1 6 11	15°33'49	16°17	24°50	28°47	28° 9	26° 2	5°23	7°21	23° 5	1°34	13°33	13°28	19°50	n.a.	S 21
S 22	1 10 7	16°34'52	29°50	26°23	29°46	28°56	26°11	5°21	7°22	23° 5	1°35	13°27	13°25	19°57	n.a.	S 22
M23	1 14 4	17°35'55	13♓53	27°55	0♍47	29°43	26°20	5°18	7°23	23° 5	1°37	13°19	13°21	20° 4	n.a.	M23
T 24	1 18 0	18°36'59	28°25	29°28	1°47	0♐29	26°30	5°16	7°24	23° 5	1°39	13° 9	13°18	20°10	n.a.	T 24
W25	1 21 57	19°38'04	13♈19	1♏ 1	2°48	1°16	26°39	5°13	7°26	23° 6	1°40	12°57	13°15	20°17	n.a.	W25
T 26	1 25 53	20°39'10	28°28	2°33	3°50	2° 3	26°48	5°10	7°27	23° 6	1°42	12°46	13°12	20°24	n.a.	T 26
F 27	1 29 50	21°40'17	13♉39	4° 5	4°51	2°49	26°58	5° 8	7°28	23° 6	1°43	12°35	13° 9	20°30	n.a.	F 27
S 28	1 33 46	22°41'25	28°43	5°37	5°54	3°36	27° 8	5° 5	7°30	23° 7	1°45	12°27	13° 5	20°37	n.a.	S 28
S 29	1 37 43	23°42'34	13♊32	7° 9	6°56	4°23	27°17	5° 2	7°31	23° 7	1°47	12°22	13° 2	20°44	n.a.	S 29
M30	1 41 40	24°43'45	27°58	8°40	7°59	5°10	27°27	4°59	7°33	23° 7	1°48	12°19	12°59	20°50	n.a.	M30
T 31	1 45 36	25♎44'56	12♋ 0	10♏12	9♍ 3	5♐56	27♐37	4♊55	7♑34	23♑ 8	1♐50	12°D19	12♋56	20♏57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n54	17n58	3s22	3n20	0n42	16n 2	1s48	17s 0	1s 6	24s27	0s44	20n35	1s 5	24s13	0s33	22s34	0s45	20s17	0n29	22n57	23n 3	13s15			n.a.
M 2	1 30	20 58	2 20	2 35	0 35	15 58	1 39	17 14	1 7	24 27	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 17	0 29	22 57	23 4	13 17			n.a.
T 3	1 5	22 39	1 12	1 51	0 29	15 53	1 30	17 29	1 7	24 27	0 44	20 35	1 5	24 13	0 33	22 34	0 45	20 17	0 29	22 57	23 4	13 19			n.a.
W 4	0 41	22 57	0 0	1 6	0 23	15 48	1 21	17 43	1 8	24 27	0 44	20 35	1 5	24 13	0 33	22 35	0 45	20 18	0 29	22 57	23 4	13 22			n.a.
T 5	0 16	21 55	1n10	0 21	0 16	15 42	1 13	17 57	1 8	24 28	0 44	20 35	1 5	24 13	0 33	22 35	0 45	20 18	0 29	22 57	23 5	13 24			n.a.
F 6	0s 8	19 41	2 15	0s24	0 10	15 36	1 4	18 11	1 8	24 28	0 44	20 35	1 5	24 13	0 33	22 35	0 45	20 18	0 29	22 58	23 5	13 26			n.a.
S 7	0 33	16 30	3 12	1 8	0 3	15 28	0 56	18 24	1 9	24 28	0 44	20 35	1 5	24 13	0 33	22 35	0 45	20 19	0 28	22 58	23 5	13 29			n.a.
S 8	0 57	12 34	3 59	1 53	0s 3	15 21	0 48	18 38	1 9	24 29	0 44	20 34	1 5	24 13	0 33	22 35	0 45	20 19	0 28	22 59	23 6	13 31			n.a.
M 9	1 22	8 9	4 33	2 37	0 10	15 12	0 40	18 51	1 9	24 29	0 44	20 34	1 5	24 13	0 33	22 35	0 45	20 19	0 28	23 1	23 6	13 33			n.a.
T 10	1 46	3 27	4 53	3 21	0 16	15 3	0 33	19 5	1 10	24 29	0 44	20 34	1 5	24 13	0 33	22 35	0 45	20 20	0 28	23 2	23 7	13 36			n.a.
W11	2 11	1s20	5 0	4 4	0 23	14 53	0 25	19 18	1 10	24 29	0 44	20 34	1 5	24 12	0 33	22 35	0 45	20 20	0 28	23 4	23 7	13 38			n.a.
T 12	2 36	6 0	4 53	4 48	0 29	14 43	0 18	19 30	1 10	24 30	0 44	20 34	1 5	24 12	0 33	22 35	0 45	20 20	0 28	23 5	23 7	13 40			n.a.
F 13	3 0	10 24	4 33	5 31	0 35	14 32	0 10	19 43	1 11	24 30	0 44	20 33	1 5	24 12	0 33	22 35	0 45	20 21	0 28	23 7	23 8	13 43			n.a.
S 14	3 24	14 22	4 1	6 14	0 42	14 21	0 3	19 55	1 11	24 30	0 44	20 33	1 5	24 12	0 33	22 35	0 45	20 21	0 28	23 8	23 8	13 45			n.a.
S 15	3 49	17 47	3 19	6 57	0 48	14 9	0n 3	20 8	1 11	24 31	0 44	20 33	1 5	24 12	0 33	22 35	0 45	20 22	0 28	23 9	23 8	13 47			n.a.
M16	4 13	20 28	2 28	7 39	0 54	13 56	0 10	20 20	1 11	24 31	0 44	20 32	1 5	24 12	0 33	22 35	0 45	20 22	0 27	23 9	23 9	13 50			n.a.
T 17	4 37	22 18	1 31	8 21	1 0	13 43	0 17	20 32	1 12	24 31	0 44	20 32	1 5	24 12	0 33	22 35	0 45	20 22	0 27	23 9	23 9	13 52			n.a.
W18	5 2	23 8	0 28	9 2	1 6	13 29	0 23	20 43	1 12	24 31	0 44	20 32	1 5	24 12	0 33	22 35	0 45	20 23	0 27	23 9	23 9	13 54			n.a.
T 19	5 26	22 52	0s37	9 43	1 12	13 15	0 29	20 55	1 12	24 32	0 44	20 31	1 5	24 12	0 32	22 35	0 45	20 23	0 27	23 9	23 10	13 57			n.a.
F 20	5 50	21 26	1 42	10 24	1 17	13 0	0 35	21 6	1 12	24 32	0 44	20 31	1 5	24 12	0 32	22 35	0 45	20 24	0 27	23 9	23 10	13 59			n.a.
S 21	6 14	18 50	2 43	11 4	1 23	12 45	0 41	21 17	1 13	24 32	0 44	20 31	1 5	24 12	0 32	22 35	0 45	20 24	0 27	23 10	23 10	14 1			n.a.
S 22	6 38	15 8	3 38	11 43	1 28	12 29	0 47	21 28	1 13	24 32	0 44	20 30	1 5	24 12	0 32	22 35	0 44	20 24	0 27	23 10	23 11	14 3			n.a.
M23	7 2	10 28	4 22	12 22	1 33	12 12	0 52	21 38	1 13	24 33	0 44	20 30	1 5	24 12	0 32	22 35	0 44	20 25	0 27	23 11	23 11	14 6			n.a.
T 24	7 25	5 4	4 51	13 0	1 38	11 55	0 57	21 48	1 13	24 33	0 44	20 29	1 5	24 12	0 32	22 35	0 44	20 25	0 27	23 12	23 11	14 8			n.a.
W25	7 49	0n45	5 0	13 38	1 43	11 38	1 3	21 59	1 13	24 33	0 44	20 29	1 5	24 11	0 32	22 35	0 44	20 26	0 27	23 13	23 11	14 10			n.a.
T 26	8 12	6 37	4 49	14 15	1 47	11 20	1 8	22 8	1 14	24 33	0 44	20 28	1 5	24 11	0 32	22 35	0 44	20 26	0 26	23 14	23 12	14 13			n.a.
F 27	8 36	12 7	4 18	14 51	1 52	11 1	1 12	22 18	1 14	24 34	0 44	20 28	1 5	24 11	0 32	22 35	0 44	20 27	0 26	23 15	23 12	14 15			n.a.
S 28	8 59	16 50	3 29	15 27	1 56	10 42	1 17	22 27	1 14	24 34	0 44	20 27	1 5	24 11	0 32	22 34	0 44	20 27	0 26	23 16	23 12	14 17			n.a.
S 29	9 22	20 25	2 26	16 1	1 59	10 23	1 22	22 36	1 14	24 34	0 44	20 27	1 5	24 11	0 32	22 34	0 44	20 27	0 26	23 17	23 13	14 19			n.a.
M30	9 45	22 36	1 15	16 35	2 3	10 3	1 26	22 45	1 14	24 34	0 44	20 26	1 5	24 11	0 32	22 34	0 44	20 28	0 26	23 17	23 13	14 22			n.a.
T 31	10s 7	23n17	0s 2	17s 7	2s 6	9n42	1n30	22s54	1s14	24s34	0s44	20n26	1s 5	24s11	0s32	22s34	0s44	20s28	0n26	23n17	23n13	14s24			n.a.

Julian Day Number = 1194275.5, Delta T = 09h29m02s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'21, Lahiri = -23°52'21 Julian Calendar 1 Oct. 1444 BCE == Greg. Calendar 18 Sept. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

NOVEMBER 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 49 33	26♎46'09	25♋39	11♏43	10♍ 7	6♐43	27♐48	4°R52	7♑36	23♑ 8	1♐52	12°R19	12♋53	21♏ 4	n.a.	W 1
T 2	1 53 29	27°47'22	8♌55	13°13	11°11	7°30	27°58	4♊49	7°37	23° 9	1°54	12♋18	12°50	21°11	n.a.	T 2
F 3	1 57 26	28°48'36	21°53	14°43	12°15	8°17	28° 8	4°45	7°39	23° 9	1°55	12°16	12°46	21°17	n.a.	F 3
S 4	2 1 22	29°49'51	4♍35	16°12	13°20	9° 4	28°19	4°42	7°41	23°10	1°57	12°11	12°43	21°24	n.a.	S 4
S 5	2 5 19	0♏51'07	17° 4	17°41	14°25	9°51	28°29	4°38	7°43	23°11	1°59	12° 3	12°40	21°31	n.a.	S 5
M 6	2 9 15	1°52'24	29°23	19° 8	15°30	10°37	28°40	4°34	7°44	23°11	2° 1	11°53	12°37	21°37	n.a.	M 6
T 7	2 13 12	2°53'41	11♎33	20°35	16°36	11°24	28°51	4°31	7°46	23°12	2° 3	11°40	12°34	21°44	n.a.	T 7
W 8	2 17 9	3°54'59	23°37	22° 0	17°42	12°11	29° 2	4°27	7°48	23°13	2° 4	11°27	12°30	21°51	n.a.	W 8
T 9	2 21 5	4°56'18	5♏35	23°24	18°48	12°58	29°13	4°23	7°50	23°13	2° 6	11°13	12°27	21°57	n.a.	T 9
F 10	2 25 2	5°57'36	17°28	24°45	19°54	13°45	29°24	4°19	7°52	23°14	2° 8	11° 1	12°24	22° 4	n.a.	F 10
S 11	2 28 58	6°58'55	29°17	26° 5	21° 1	14°32	29°35	4°15	7°54	23°15	2°10	10°51	12°21	22°11	n.a.	S 11
S 12	2 32 55	8° 0'15	11♐ 6	27°22	22° 8	15°19	29°47	4°10	7°56	23°16	2°12	10°44	12°18	22°17	n.a.	S 12
M13	2 36 51	9° 1'34	22°55	28°35	23°15	16° 6	29°58	4° 6	7°58	23°17	2°14	10°39	12°15	22°24	n.a.	M13
T 14	2 40 48	10° 2'54	4♑49	29°46	24°22	16°53	0♑10	4° 2	8° 1	23°18	2°16	10°38	12°11	22°31	n.a.	T 14
W15	2 44 45	11° 4'13	16°52	0♐52	25°30	17°40	0°21	3°58	8° 3	23°19	2°18	10°D38	12° 8	22°38	n.a.	W15
T 16	2 48 41	12° 5'33	29° 8	1°53	26°38	18°27	0°33	3°53	8° 5	23°20	2°20	10°38	12° 5	22°44	n.a.	T 16
F 17	2 52 38	13° 6'52	11♒42	2°49	27°46	19°14	0°45	3°49	8° 7	23°21	2°21	10°R39	12° 2	22°51	n.a.	F 17
S 18	2 56 34	14° 8'11	24°39	3°38	28°54	20° 1	0°57	3°44	8°10	23°22	2°23	10°38	11°59	22°58	n.a.	S 18
S 19	3 0 31	15° 9'29	8♓ 4	4°20	0♎ 2	20°48	1° 9	3°40	8°12	23°23	2°25	10°36	11°56	23° 4	n.a.	S 19
M20	3 4 27	16°10'48	21°58	4°54	1°11	21°35	1°21	3°35	8°14	23°24	2°27	10°31	11°52	23°11	n.a.	M20
T 21	3 8 24	17°12'05	6♈22	5°19	2°19	22°22	1°33	3°30	8°17	23°25	2°29	10°24	11°49	23°18	n.a.	T 21
W22	3 12 20	18°13'23	21°13	5°34	3°28	23° 9	1°45	3°26	8°19	23°26	2°31	10°16	11°46	23°24	n.a.	W22
T 23	3 16 17	19°14'40	6♉23	5°R39	4°37	23°56	1°58	3°21	8°22	23°27	2°33	10° 8	11°43	23°31	n.a.	T 23
F 24	3 20 14	20°15'57	21°43	5°32	5°46	24°43	2°10	3°16	8°24	23°29	2°35	10° 0	11°40	23°38	n.a.	F 24
S 25	3 24 10	21°17'14	7♊ 0	5°13	6°56	25°30	2°23	3°12	8°27	23°30	2°37	9°54	11°36	23°44	n.a.	S 25
S 26	3 28 7	22°18'31	22° 6	4°42	8° 5	26°17	2°35	3° 7	8°30	23°31	2°39	9°51	11°33	23°51	n.a.	S 26
M27	3 32 3	23°19'48	6♋50	4° 0	9°15	27° 4	2°48	3° 2	8°32	23°32	2°41	9°D50	11°30	23°58	n.a.	M27
T 28	3 36 0	24°21'04	21° 9	3° 7	10°25	27°51	3° 1	2°57	8°35	23°34	2°43	9°50	11°27	24° 5	n.a.	T 28
W29	3 39 56	25°22'20	5♌ 0	2° 5	11°34	28°38	3°13	2°52	8°38	23°35	2°45	9°51	11°24	24°11	n.a.	W29
T 30	3 43 53	26♏23'36	18♌24	0♐55	12♎44	29♐25	3♑26	2♊47	8♑40	23♑37	2♐47	9♋52	11♋21	24♏18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s30	22n32	1n10	17s39	2s 9	9n22	1n34	23s 2	1s15	24s35	0s44	20n25	1s 5	24s11	0s32	22s34	0s44	20s29	0n26	23n17	23n14	14s26		n.a.
T 2	10 52	20 32	2 16	18 10	2 11	9 1	1 38	23 10	1 15	24 35	0 44	20 24	1 5	24 11	0 32	22 34	0 44	20 29	0 26	23 17	23 14	14 29		n.a.
F 3	11 15	17 30	3 13	18 39	2 13	8 39	1 42	23 18	1 15	24 35	0 44	20 24	1 5	24 10	0 32	22 34	0 44	20 30	0 26	23 17	23 14	14 31		n.a.
S 4	11 37	13 42	4 0	19 7	2 15	8 17	1 46	23 26	1 15	24 35	0 44	20 23	1 5	24 10	0 32	22 34	0 44	20 30	0 26	23 18	23 15	14 33		n.a.
S 5	11 58	9 23	4 34	19 34	2 16	7 55	1 49	23 33	1 15	24 35	0 44	20 23	1 5	24 10	0 32	22 34	0 44	20 31	0 25	23 18	23 15	14 35		n.a.
M 6	12 20	4 44	4 54	20 0	2 16	7 32	1 52	23 40	1 15	24 35	0 44	20 22	1 5	24 10	0 32	22 34	0 44	20 31	0 25	23 19	23 15	14 38		n.a.
T 7	12 42	0s 2	5 1	20 24	2 16	7 9	1 55	23 47	1 15	24 35	0 44	20 21	1 5	24 10	0 32	22 33	0 44	20 32	0 25	23 20	23 16	14 40		n.a.
W 8	13 3	4 46	4 55	20 46	2 15	6 45	1 58	23 54	1 15	24 36	0 44	20 21	1 5	24 10	0 32	22 33	0 44	20 32	0 25	23 22	23 16	14 42		n.a.
T 9	13 24	9 18	4 35	21 7	2 14	6 22	2 1	24 0	1 15	24 36	0 44	20 20	1 5	24 10	0 32	22 33	0 44	20 32	0 25	23 23	23 16	14 44		n.a.
F 10	13 45	13 27	4 4	21 25	2 12	5 57	2 4	24 6	1 15	24 36	0 44	20 19	1 5	24 10	0 32	22 33	0 44	20 33	0 25	23 24	23 16	14 47		n.a.
S 11	14 5	17 5	3 22	21 42	2 9	5 33	2 6	24 12	1 15	24 36	0 44	20 18	1 5	24 9	0 32	22 33	0 44	20 33	0 25	23 25	23 17	14 49		n.a.
S 12	14 25	20 1	2 31	21 57	2 6	5 8	2 9	24 17	1 15	24 36	0 44	20 18	1 5	24 9	0 32	22 33	0 44	20 34	0 25	23 25	23 17	14 51		n.a.
M13	14 45	22 7	1 33	22 10	2 1	4 43	2 11	24 22	1 15	24 36	0 44	20 17	1 5	24 9	0 32	22 33	0 44	20 34	0 25	23 26	23 17	14 54		n.a.
T 14	15 5	23 15	0 31	22 20	1 56	4 18	2 13	24 27	1 15	24 36	0 44	20 16	1 5	24 9	0 32	22 32	0 44	20 35	0 25	23 26	23 18	14 56		n.a.
W15	15 25	23 20	0s33	22 28	1 49	3 53	2 15	24 32	1 15	24 36	0 44	20 15	1 5	24 9	0 32	22 32	0 44	20 35	0 24	23 26	23 18	14 58		n.a.
T 16	15 44	22 17	1 38	22 34	1 42	3 27	2 17	24 36	1 15	24 36	0 44	20 15	1 5	24 9	0 32	22 32	0 44	20 36	0 24	23 26	23 18	15 0		n.a.
F 17	16 3	20 7	2 39	22 37	1 33	3 1	2 18	24 40	1 15	24 36	0 44	20 14	1 5	24 8	0 32	22 32	0 44	20 36	0 24	23 26	23 19	15 3		n.a.
S 18	16 22	16 53	3 34	22 37	1 23	2 35	2 20	24 44	1 15	24 36	0 44	20 13	1 4	24 8	0 32	22 32	0 44	20 37	0 24	23 26	23 19	15 5		n.a.
S 19	16 40	12 41	4 19	22 34	1 12	2 8	2 21	24 48	1 15	24 36	0 44	20 12	1 4	24 8	0 32	22 31	0 44	20 37	0 24	23 26	23 19	15 7		n.a.
M20	16 58	7 41	4 51	22 28	0 59	1 42	2 23	24 51	1 15	24 35	0 44	20 11	1 4	24 8	0 32	22 31	0 44	20 38	0 24	23 26	23 19	15 9		n.a.
T 21	17 16	2 5	5 6	22 19	0 46	1 15	2 24	24 54	1 15	24 35	0 44	20 11	1 4	24 8	0 32	22 31	0 44	20 38	0 24	23 27	23 20	15 12		n.a.
W22	17 34	3n47	5 1	22 7	0 30	0 48	2 25	24 56	1 15	24 35	0 44	20 10	1 4	24 8	0 32	22 31	0 44	20 39	0 24	23 28	23 20	15 14		n.a.
T 23	17 51	9 34	4 35	21 51	0 14	0 21	2 26	24 59	1 15	24 35	0 44	20 9	1 4	24 7	0 32	22 31	0 44	20 39	0 24	23 28	23 20	15 16		n.a.
F 24	18 8	14 49	3 50	21 33	0n 4	0s 6	2 26	25 1	1 15	24 35	0 44	20 8	1 4	24 7	0 32	22 30	0 44	20 40	0 24	23 29	23 21	15 18		n.a.
S 25	18 24	19 7	2 47	21 11	0 22	0 33	2 27	25 2	1 15	24 35	0 44	20 7	1 4	24 7	0 32	22 30	0 44	20 40	0 24	23 29	23 21	15 20		n.a.
S 26	18 40	22 3	1 34	20 46	0 42	1 1	2 28	25 4	1 15	24 34	0 44	20 6	1 4	24 7	0 32	22 30	0 44	20 41	0 23	23 29	23 21	15 23		n.a.
M27	18 56	23 25	0 16	20 19	1 1	1 28	2 28	25 5	1 15	24 34	0 44	20 6	1 4	24 7	0 32	22 30	0 44	20 41	0 23	23 30	23 21	15 25		n.a.
T 28	19 12	23 10	1n 1	19 49	1 21	1 56	2 28	25 6	1 15	24 34	0 44	20 5	1 4	24 7	0 32	22 29	0 44	20 42	0 23	23 30	23 22	15 27		n.a.
W29	19 27	21 29	2 12	19 18	1 41	2 23	2 28	25 6	1 15	24 34	0 44	20 4	1 4	24 6	0 32	22 29	0 44	20 42	0 23	23 29	23 22	15 29		n.a.
T 30	19s41	18n38	3n13	18s45	2n 0	2s51	2n28	25s 6	1s15	24s33	0s44	20n 3	1s 4	24s 6	0s32	22s29	0s44	20s43	0n23	23n29	23n22	15s32		n.a.

Julian Day Number = 1194306.5, Delta T = 09h29m00s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'17, Lahiri = -23°52'16 Julian Calendar 1 Nov. 1444 BCE == Greg. Calendar 19 Oct. 1444 BCE

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ASTRODIENST EPHEMERIS for the year 1444 BCE
geocentric

DECEMBER 1444 BCE (-1443) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 47 50	27♏24'52	1♍24	29°R39	13♎55	0♑12	3♑39	2°R42	8♑43	23♑38	2♐49	9°R53	11♋17	24♏25	n.a.	F 1
S 2	3 51 46	28°26'08	14° 4	28♏20	15° 5	0°59	3°52	2♊37	8°46	23°39	2°51	9♋51	11°14	24°31	n.a.	S 2
S 3	3 55 43	29°27'23	26°27	27° 1	16°15	1°46	4° 5	2°32	8°49	23°41	2°53	9°48	11°11	24°38	n.a.	S 3
M 4	3 59 39	0♐28'38	8♎38	25°43	17°26	2°33	4°18	2°27	8°52	23°42	2°55	9°43	11° 8	24°45	n.a.	M 4
T 5	4 3 36	1°29'53	20°39	24°30	18°37	3°20	4°31	2°22	8°54	23°44	2°58	9°36	11° 5	24°51	n.a.	T 5
W 6	4 7 32	2°31'07	2♏35	23°23	19°47	4° 7	4°45	2°17	8°57	23°46	3° 0	9°29	11° 2	24°58	n.a.	W 6
T 7	4 11 29	3°32'20	14°26	22°23	20°58	4°54	4°58	2°12	9° 0	23°47	3° 2	9°22	10°58	25° 5	n.a.	T 7
F 8	4 15 25	4°33'33	26°16	21°31	22° 9	5°41	5°11	2° 7	9° 3	23°49	3° 4	9°15	10°55	25°11	n.a.	F 8
S 9	4 19 22	5°34'45	8♐ 6	20°49	23°20	6°28	5°25	2° 2	9° 6	23°50	3° 6	9°10	10°52	25°18	n.a.	S 9
S 10	4 23 19	6°35'56	19°58	20°16	24°31	7°15	5°38	1°58	9° 9	23°52	3° 8	9° 6	10°49	25°25	n.a.	S 10
M11	4 27 15	7°37'07	1♑53	19°53	25°42	8° 2	5°52	1°53	9°12	23°54	3°10	9° 4	10°46	25°31	n.a.	M11
T 12	4 31 12	8°38'16	13°54	19°39	26°54	8°49	6° 5	1°48	9°15	23°55	3°12	9°D 4	10°42	25°38	n.a.	T 12
W13	4 35 8	9°39'24	26° 4	19°D33	28° 5	9°35	6°19	1°43	9°19	23°57	3°14	9° 5	10°39	25°45	n.a.	W13
T 14	4 39 5	10°40'31	8♒25	19°36	29°16	10°22	6°32	1°38	9°22	23°59	3°16	9° 7	10°36	25°52	n.a.	T 14
F 15	4 43 1	11°41'37	21° 2	19°46	0♏28	11° 9	6°46	1°33	9°25	24° 1	3°18	9° 9	10°33	25°58	n.a.	F 15
S 16	4 46 58	12°42'42	3♓57	20° 3	1°40	11°56	7° 0	1°28	9°28	24° 3	3°20	9°10	10°30	26° 5	n.a.	S 16
S 17	4 50 55	13°43'44	17°15	20°27	2°51	12°43	7°14	1°23	9°31	24° 4	3°22	9°R10	10°27	26°12	n.a.	S 17
M18	4 54 51	14°44'46	0♈58	20°57	4° 3	13°29	7°27	1°19	9°34	24° 6	3°24	9° 9	10°23	26°18	n.a.	M18
T 19	4 58 48	15°45'46	15° 6	21°32	5°15	14°16	7°41	1°14	9°38	24° 8	3°26	9° 7	10°20	26°25	n.a.	T 19
W20	5 2 44	16°46'45	29°40	22°12	6°26	15° 3	7°55	1° 9	9°41	24°10	3°28	9° 4	10°17	26°32	n.a.	W20
T 21	5 6 41	17°47'42	14♉33	22°56	7°38	15°49	8° 9	1° 4	9°44	24°12	3°30	9° 1	10°14	26°38	n.a.	T 21
F 22	5 10 37	18°48'37	29°40	23°44	8°50	16°36	8°23	1° 0	9°47	24°14	3°32	8°59	10°11	26°45	n.a.	F 22
S 23	5 14 34	19°49'32	14♊51	24°37	10° 2	17°23	8°37	0°55	9°51	24°16	3°34	8°57	10° 8	26°52	n.a.	S 23
S 24	5 18 30	20°50'25	29°56	25°32	11°14	18° 9	8°51	0°51	9°54	24°18	3°36	8°56	10° 4	26°58	n.a.	S 24
M25	5 22 27	21°51'17	14♋47	26°31	12°26	18°56	9° 5	0°46	9°57	24°20	3°38	8°D55	10° 1	27° 5	n.a.	M25
T 26	5 26 24	22°52'07	29°17	27°32	13°38	19°42	9°19	0°42	10° 1	24°22	3°40	8°56	9°58	27°12	n.a.	T 26
W27	5 30 20	23°52'56	13♌20	28°36	14°51	20°29	9°33	0°37	10° 4	24°24	3°42	8°57	9°55	27°18	n.a.	W27
T 28	5 34 17	24°53'44	26°56	29°42	16° 3	21°15	9°47	0°33	10° 7	24°26	3°44	8°59	9°52	27°25	n.a.	T 28
F 29	5 38 13	25°54'31	10♍ 5	0♐50	17°15	22° 2	10° 2	0°29	10°11	24°28	3°46	8°59	9°48	27°32	n.a.	F 29
S 30	5 42 10	26°55'16	22°51	2° 1	18°28	22°48	10°16	0°25	10°14	24°30	3°47	9°R 0	9°45	27°38	n.a.	S 30
S 31	5 46 6	27♐56'00	5♎17	3♐13	19♏40	23♑35	10♑30	0♊21	10♑17	24♑32	3♐49	9♋ 0	9♋42	27♏45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s56	14n56	4n 3	18s12	2n18	3s19	2n28	25s 6	1s15	24s33	0s44	20n 2	1s 3	24s 6	0s32	22s29	0s44	20s43	0n23	23n29	23n22	15s34		n.a.
S 2	20 10	10 40	4 39	17 39	2 34	3 46	2 28	25 6	1 14	24 33	0 44	20 1	1 3	24 6	0 32	22 28	0 44	20 44	0 23	23 29	23 23	15 36		n.a.
S 3	20 23	6 2	5 2	17 7	2 48	4 14	2 28	25 5	1 14	24 32	0 44	20 0	1 3	24 6	0 32	22 28	0 44	20 44	0 23	23 30	23 23	15 38		n.a.
M 4	20 37	1 15	5 10	16 38	2 59	4 42	2 27	25 4	1 14	24 32	0 44	19 59	1 3	24 5	0 32	22 28	0 44	20 45	0 23	23 30	23 23	15 40		n.a.
T 5	20 50	3s31	5 4	16 11	3 9	5 10	2 27	25 3	1 14	24 31	0 44	19 58	1 3	24 5	0 32	22 28	0 44	20 45	0 23	23 31	23 24	15 43		n.a.
W 6	21 2	8 7	4 45	15 47	3 16	5 37	2 26	25 2	1 14	24 31	0 44	19 58	1 3	24 5	0 32	22 27	0 44	20 46	0 22	23 31	23 24	15 45		n.a.
T 7	21 14	12 25	4 14	15 28	3 21	6 5	2 25	25 0	1 14	24 31	0 44	19 57	1 3	24 5	0 32	22 27	0 44	20 46	0 22	23 32	23 24	15 47		n.a.
F 8	21 26	16 13	3 32	15 12	3 23	6 33	2 25	24 58	1 14	24 30	0 44	19 56	1 3	24 5	0 32	22 27	0 44	20 47	0 22	23 32	23 24	15 49		n.a.
S 9	21 37	19 24	2 41	15 0	3 24	7 0	2 24	24 55	1 13	24 30	0 44	19 55	1 3	24 4	0 32	22 26	0 44	20 47	0 22	23 32	23 25	15 51		n.a.
S 10	21 48	21 46	1 43	14 53	3 22	7 28	2 23	24 53	1 13	24 29	0 45	19 54	1 3	24 4	0 32	22 26	0 44	20 48	0 22	23 33	23 25	15 54		n.a.
M11	21 58	23 12	0 39	14 49	3 19	7 55	2 21	24 50	1 13	24 28	0 45	19 53	1 2	24 4	0 32	22 26	0 44	20 48	0 22	23 33	23 25	15 56		n.a.
T 12	22 8	23 34	0s26	14 50	3 15	8 22	2 20	24 47	1 13	24 28	0 45	19 52	1 2	24 4	0 32	22 25	0 44	20 49	0 22	23 33	23 25	15 58		n.a.
W13	22 18	22 49	1 32	14 53	3 10	8 49	2 19	24 43	1 13	24 27	0 45	19 51	1 2	24 3	0 32	22 25	0 44	20 49	0 22	23 33	23 26	16 0		n.a.
T 14	22 27	20 58	2 34	15 0	3 3	9 16	2 17	24 39	1 12	24 27	0 45	19 50	1 2	24 3	0 32	22 25	0 44	20 50	0 22	23 33	23 26	16 2		n.a.
F 15	22 35	18 3	3 30	15 10	2 56	9 43	2 16	24 35	1 12	24 26	0 45	19 50	1 2	24 3	0 32	22 25	0 44	20 50	0 22	23 33	23 26	16 5		n.a.
S 16	22 43	14 13	4 18	15 22	2 48	10 10	2 14	24 31	1 12	24 25	0 45	19 49	1 2	24 3	0 32	22 24	0 44	20 50	0 22	23 32	23 26	16 7		n.a.
S 17	22 51	9 35	4 52	15 36	2 40	10 36	2 13	24 26	1 12	24 25	0 45	19 48	1 2	24 2	0 32	22 24	0 44	20 51	0 21	23 32	23 27	16 9		n.a.
M18	22 58	4 22	5 12	15 53	2 31	11 3	2 11	24 21	1 11	24 24	0 45	19 47	1 2	24 2	0 32	22 24	0 44	20 51	0 21	23 32	23 27	16 11		n.a.
T 19	23 5	1n15	5 13	16 11	2 22	11 29	2 9	24 16	1 11	24 23	0 45	19 46	1 1	24 2	0 32	22 23	0 44	20 52	0 21	23 33	23 27	16 13		n.a.
W20	23 12	6 57	4 55	16 30	2 13	11 54	2 7	24 10	1 11	24 22	0 45	19 45	1 1	24 2	0 32	22 23	0 44	20 52	0 21	23 33	23 27	16 16		n.a.
T 21	23 18	12 24	4 17	16 50	2 4	12 20	2 5	24 5	1 11	24 21	0 45	19 45	1 1	24 1	0 32	22 23	0 44	20 53	0 21	23 33	23 28	16 18		n.a.
F 22	23 23	17 11	3 20	17 12	1 54	12 45	2 3	23 59	1 10	24 21	0 45	19 44	1 1	24 1	0 32	22 22	0 44	20 53	0 21	23 33	23 28	16 20		n.a.
S 23	23 28	20 51	2 9	17 34	1 45	13 10	2 1	23 52	1 10	24 20	0 45	19 43	1 1	24 1	0 32	22 22	0 44	20 54	0 21	23 33	23 28	16 22		n.a.
S 24	23 32	23 2	0 49	17 57	1 35	13 35	1 59	23 46	1 10	24 19	0 45	19 42	1 1	24 1	0 32	22 21	0 44	20 54	0 21	23 33	23 28	16 24		n.a.
M25	23 36	23 34	0n32	18 20	1 25	14 0	1 57	23 39	1 10	24 18	0 45	19 41	1 1	24 0	0 32	22 21	0 44	20 55	0 21	23 33	23 29	16 26		n.a.
T 26	23 40	22 28	1 50	18 44	1 16	14 24	1 54	23 32	1 9	24 17	0 45	19 41	1 0	24 0	0 32	22 21	0 44	20 55	0 21	23 33	23 29	16 29		n.a.
W27	23 43	19 58	2 59	19 7	1 6	14 48	1 52	23 25	1 9	24 16	0 45	19 40	1 0	24 0	0 32	22 20	0 44	20 56	0 21	23 33	23 29	16 31		n.a.
T 28	23 46	16 26	3 56	19 31	0 57	15 11	1 50	23 17	1 9	24 15	0 45	19 39	1 0	24 0	0 32	22 20	0 44	20 56	0 20	23 33	23 29	16 33		n.a.
F 29	23 48	12 11	4 38	19 54	0 48	15 34	1 47	23 9	1 8	24 14	0 45	19 38	1 0	23 59	0 32	22 20	0 44	20 57	0 20	23 33	23 30	16 35		n.a.
S 30	23 50	7 32	5 5	20 18	0 39	15 57	1 45	23 1	1 8	24 13	0 46	19 37	1 0	23 59	0 32	22 19	0 44	20 57	0 20	23 33	23 30	16 37		n.a.
S 31	23s51	2n41	5n16	20s41	0n30	16s20	1n42	22s53	1s 8	24s12	0s46	19n37	1s 0	23s59	0s32	22s19	0s44	20s57	0n20	23n33	23n30	16s39		n.a.

Julian Day Number = 1194336.5, Delta T = 09h28m58s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'13, Lahiri = -23°52'12 Julian Calendar 1 Dec. 1444 BCE == Greg. Calendar 18 Nov. 1444 BCE

The year -1443 astronomical counting style corresponds to year 1444 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

JANUARY 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 50 3	28♐56'43	17♎27	4♐27	20♏52	24♑21	10♑44	0°R17	10♑21	24♑34	3♐51	8°R59	9♋39	27♏52	n.a.	M 1
T 2	5 53 59	29°57'24	29°26	5°42	22° 5	25° 7	10°58	0♊13	10°24	24°36	3°53	8♋58	9°36	27°58	n.a.	T 2
W 3	5 57 56	0♑58'05	11♏18	6°59	23°17	25°53	11°13	0° 9	10°28	24°38	3°55	8°57	9°33	28° 5	n.a.	W 3
T 4	6 1 53	1°58'43	23° 7	8°18	24°30	26°40	11°27	0° 5	10°31	24°40	3°57	8°56	9°29	28°12	n.a.	T 4
F 5	6 5 49	2°59'20	4♐56	9°38	25°42	27°26	11°41	0° 1	10°34	24°42	3°59	8°55	9°26	28°19	n.a.	F 5
S 6	6 9 46	3°59'56	16°48	10°59	26°55	28°12	11°56	29♉57	10°38	24°45	4° 0	8°55	9°23	28°25	n.a.	S 6
S 7	6 13 42	5° 0'30	28°45	12°21	28° 8	28°58	12°10	29°54	10°41	24°47	4° 2	8°54	9°20	28°32	n.a.	S 7
M 8	6 17 39	6° 1'02	10♑50	13°45	29°20	29°45	12°24	29°50	10°45	24°49	4° 4	8°D54	9°17	28°39	n.a.	M 8
T 9	6 21 35	7° 1'33	23° 4	15°10	0♐33	0♒31	12°39	29°47	10°48	24°51	4° 6	8°54	9°14	28°45	n.a.	T 9
W10	6 25 32	8° 2'01	5♒29	16°36	1°46	1°17	12°53	29°43	10°52	24°53	4° 8	8°54	9°10	28°52	n.a.	W10
T 11	6 29 29	9° 2'28	18° 5	18° 3	2°58	2° 3	13° 7	29°40	10°55	24°55	4° 9	8°R54	9° 7	28°59	n.a.	T 11
F 12	6 33 25	10° 2'52	0♓55	19°31	4°11	2°49	13°22	29°37	10°59	24°58	4°11	8°54	9° 4	29° 5	n.a.	F 12
S 13	6 37 22	11° 3'14	14° 1	21° 0	5°24	3°35	13°36	29°34	11° 2	25° 0	4°13	8°54	9° 1	29°12	n.a.	S 13
S 14	6 41 18	12° 3'34	27°22	22°30	6°36	4°21	13°51	29°31	11° 5	25° 2	4°15	8°54	8°58	29°19	n.a.	S 14
M15	6 45 15	13° 3'52	11♈ 2	24° 2	7°49	5° 6	14° 5	29°28	11° 9	25° 4	4°16	8°D54	8°54	29°25	n.a.	M15
T 16	6 49 11	14° 4'08	24°59	25°34	9° 2	5°52	14°19	29°25	11°12	25° 7	4°18	8°54	8°51	29°32	n.a.	T 16
W17	6 53 8	15° 4'22	9♉14	27° 7	10°15	6°38	14°34	29°22	11°16	25° 9	4°20	8°54	8°48	29°39	n.a.	W17
T 18	6 57 4	16° 4'33	23°44	28°42	11°28	7°24	14°48	29°20	11°19	25°11	4°21	8°55	8°45	29°45	n.a.	T 18
F 19	7 1 1	17° 4'42	8♊26	0♑17	12°40	8°10	15° 3	29°17	11°23	25°13	4°23	8°56	8°42	29°52	n.a.	F 19
S 20	7 4 57	18° 4'49	23°14	1°53	13°53	8°55	15°17	29°15	11°26	25°16	4°24	8°56	8°39	29°59	n.a.	S 20
S 21	7 8 54	19° 4'53	8♋ 1	3°31	15° 6	9°41	15°31	29°12	11°30	25°18	4°26	8°R56	8°35	0♐ 5	n.a.	S 21
M22	7 12 51	20° 4'56	22°40	5° 9	16°19	10°26	15°46	29°10	11°33	25°20	4°27	8°56	8°32	0°12	n.a.	M22
T 23	7 16 47	21° 4'57	7♌ 4	6°49	17°32	11°12	16° 0	29° 8	11°36	25°22	4°29	8°55	8°29	0°19	n.a.	T 23
W24	7 20 44	22° 4'55	21° 9	8°30	18°45	11°57	16°14	29° 6	11°40	25°25	4°30	8°54	8°26	0°25	n.a.	W24
T 25	7 24 40	23° 4'52	4♍49	10°11	19°58	12°43	16°29	29° 4	11°43	25°27	4°32	8°52	8°23	0°32	n.a.	T 25
F 26	7 28 37	24° 4'46	18° 6	11°54	21°11	13°28	16°43	29° 2	11°47	25°29	4°33	8°50	8°19	0°39	n.a.	F 26
S 27	7 32 33	25° 4'39	0♎58	13°38	22°24	14°14	16°57	29° 1	11°50	25°32	4°35	8°48	8°16	0°45	n.a.	S 27
S 28	7 36 30	26° 4'30	13°29	15°23	23°37	14°59	17°12	28°59	11°53	25°34	4°36	8°47	8°13	0°52	n.a.	S 28
M29	7 40 26	27° 4'19	25°42	17°10	24°50	15°44	17°26	28°58	11°57	25°36	4°38	8°D46	8°10	0°59	n.a.	M29
T 30	7 44 23	28° 4'06	7♏43	18°57	26° 3	16°29	17°40	28°56	12° 0	25°38	4°39	8°47	8° 7	1° 5	n.a.	T 30
W31	7 48 20	29♑ 3'51	19♏35	20♑46	27♐16	17♒15	17♑55	28♉55	12♑ 4	25♑41	4♐40	8♋48	8♋ 4	1♐12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s52	2s 9	5n14	21s 4	0n21	16s42	1n39	22s44	1s 7	24s11	0s46	19n36	0s59	23s59	0s32	22s19	0s44	20s58	0n20	23n33	23n30	16s41			n.a.
T 2	23 52	6 50	4 57	21 26	0 12	17 3	1 37	22 35	1 7	24 10	0 46	19 35	0 59	23 58	0 32	22 18	0 44	20 58	0 20	23 33	23 31	16 44			n.a.
W 3	23 52	11 15	4 28	21 48	0 4	17 25	1 34	22 26	1 7	24 9	0 46	19 35	0 59	23 58	0 32	22 18	0 44	20 59	0 20	23 33	23 31	16 46			n.a.
T 4	23 51	15 12	3 48	22 9	0s 4	17 45	1 31	22 17	1 6	24 7	0 46	19 34	0 59	23 58	0 32	22 17	0 44	20 59	0 20	23 33	23 31	16 48			n.a.
F 5	23 50	18 35	2 58	22 30	0 13	18 6	1 28	22 7	1 6	24 6	0 46	19 33	0 59	23 58	0 32	22 17	0 44	21 0	0 20	23 33	23 31	16 50			n.a.
S 6	23 48	21 13	2 0	22 49	0 20	18 26	1 26	21 58	1 6	24 5	0 46	19 33	0 59	23 57	0 32	22 17	0 44	21 0	0 20	23 34	23 32	16 52			n.a.
S 7	23 46	22 55	0 56	23 8	0 28	18 45	1 23	21 48	1 5	24 4	0 46	19 32	0 58	23 57	0 32	22 16	0 44	21 1	0 20	23 34	23 32	16 54			n.a.
M 8	23 43	23 35	0s11	23 26	0 35	19 4	1 20	21 37	1 5	24 2	0 46	19 32	0 58	23 57	0 32	22 16	0 44	21 1	0 20	23 34	23 32	16 56			n.a.
T 9	23 40	23 8	1 18	23 44	0 43	19 22	1 17	21 27	1 5	24 1	0 46	19 31	0 58	23 56	0 32	22 15	0 44	21 1	0 19	23 34	23 32	16 58			n.a.
W10	23 37	21 32	2 22	24 0	0 50	19 40	1 14	21 16	1 4	24 0	0 46	19 30	0 58	23 56	0 32	22 15	0 44	21 2	0 19	23 34	23 32	17 1			n.a.
T 11	23 33	18 51	3 21	24 15	0 56	19 58	1 11	21 6	1 4	23 58	0 46	19 30	0 58	23 56	0 32	22 15	0 44	21 2	0 19	23 34	23 33	17 3			n.a.
F 12	23 29	15 14	4 11	24 29	1 3	20 15	1 8	20 54	1 4	23 57	0 46	19 29	0 58	23 56	0 32	22 14	0 44	21 3	0 19	23 34	23 33	17 5			n.a.
S 13	23 24	10 49	4 48	24 42	1 9	20 31	1 5	20 43	1 3	23 56	0 47	19 29	0 57	23 55	0 32	22 14	0 44	21 3	0 19	23 34	23 33	17 7			n.a.
S 14	23 18	5 48	5 11	24 53	1 15	20 47	1 2	20 32	1 3	23 54	0 47	19 28	0 57	23 55	0 32	22 13	0 44	21 3	0 19	23 34	23 33	17 9			n.a.
M15	23 13	0 25	5 17	25 4	1 20	21 2	0 59	20 20	1 2	23 53	0 47	19 28	0 57	23 55	0 32	22 13	0 44	21 4	0 19	23 34	23 34	17 11			n.a.
T 16	23 6	5n 7	5 5	25 13	1 26	21 17	0 56	20 8	1 2	23 51	0 47	19 28	0 57	23 54	0 32	22 13	0 44	21 4	0 19	23 34	23 34	17 13			n.a.
W17	23 0	10 30	4 34	25 20	1 30	21 31	0 53	19 56	1 2	23 50	0 47	19 27	0 57	23 54	0 32	22 12	0 44	21 5	0 19	23 34	23 34	17 15			n.a.
T 18	22 53	15 24	3 46	25 27	1 35	21 44	0 50	19 44	1 1	23 48	0 47	19 27	0 56	23 54	0 32	22 12	0 44	21 5	0 19	23 33	23 34	17 17			n.a.
F 19	22 45	19 27	2 41	25 31	1 39	21 57	0 46	19 32	1 1	23 47	0 47	19 26	0 56	23 54	0 32	22 11	0 44	21 5	0 19	23 33	23 34	17 19			n.a.
S 20	22 37	22 15	1 26	25 34	1 43	22 9	0 43	19 19	1 0	23 45	0 47	19 26	0 56	23 53	0 32	22 11	0 44	21 6	0 18	23 33	23 35	17 22			n.a.
S 21	22 29	23 32	0 5	25 36	1 47	22 21	0 40	19 6	1 0	23 44	0 47	19 26	0 56	23 53	0 32	22 10	0 44	21 6	0 18	23 33	23 35	17 24			n.a.
M22	22 20	23 10	1n15	25 36	1 50	22 32	0 37	18 53	0 59	23 42	0 47	19 25	0 56	23 53	0 32	22 10	0 44	21 7	0 18	23 33	23 35	17 26			n.a.
T 23	22 11	21 15	2 30	25 34	1 53	22 42	0 34	18 40	0 59	23 40	0 47	19 25	0 56	23 52	0 32	22 10	0 44	21 7	0 18	23 33	23 35	17 28			n.a.
W24	22 1	18 4	3 33	25 31	1 56	22 52	0 31	18 27	0 59	23 39	0 48	19 25	0 55	23 52	0 32	22 9	0 44	21 7	0 18	23 34	23 35	17 30			n.a.
T 25	21 51	13 58	4 22	25 26	1 58	23 1	0 28	18 13	0 58	23 37	0 48	19 25	0 55	23 52	0 32	22 9	0 44	21 8	0 18	23 34	23 36	17 32			n.a.
F 26	21 41	9 19	4 56	25 19	2 0	23 9	0 25	18 0	0 58	23 35	0 48	19 24	0 55	23 51	0 32	22 8	0 44	21 8	0 18	23 34	23 36	17 34			n.a.
S 27	21 30	4 23	5 13	25 10	2 1	23 17	0 22	17 46	0 57	23 34	0 48	19 24	0 55	23 51	0 32	22 8	0 44	21 8	0 18	23 34	23 36	17 36			n.a.
S 28	21 18	0s35	5 15	24 59	2 2	23 24	0 19	17 32	0 57	23 32	0 48	19 24	0 55	23 51	0 32	22 8	0 44	21 9	0 18	23 34	23 36	17 38			n.a.
M29	21 7	5 25	5 3	24 46	2 3	23 30	0 15	17 18	0 56	23 30	0 48	19 24	0 54	23 51	0 32	22 7	0 44	21 9	0 18	23 34	23 36	17 40			n.a.
T 30	20 55	9 58	4 37	24 31	2 3	23 36	0 12	17 4	0 56	23 28	0 48	19 24	0 54	23 50	0 32	22 7	0 44	21 9	0 18	23 34	23 37	17 42			n.a.
W31	20s43	14s 6	4n 0	24s14	2s 2	23s41	0n 9	16s49	0s55	23s26	0s48	19n24	0s54	23s50	0s32	22s 6	0s44	21s10	0n18	23n34	23n37	17s44			n.a.

Julian Day Number = 1194367.5, Delta T = 09h28m56s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'09, Lahiri = -23°52'08 Julian Calendar 1 Jan. 1443 BCE == Greg. Calendar 19 Dec. 1444 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

FEBRUARY 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 52 16	0♒ 3'34	1♐24	22♑35	28♐29	18♒ 0	18♑ 9	28°R54	12♑ 7	25♑43	4♐42	8♋49	8♋ 0	1♐19	n.a.	T 1
F 2	7 56 13	1° 3'16	13°14	24°26	29°42	18°45	18°23	28♉53	12°10	25°45	4°43	8°51	7°57	1°26	n.a.	F 2
S 3	8 0 9	2° 2'55	25° 9	26°19	0♑55	19°30	18°37	28°52	12°13	25°47	4°44	8°52	7°54	1°32	n.a.	S 3
S 4	8 4 6	3° 2'33	7♑13	28°12	2° 8	20°15	18°51	28°51	12°17	25°50	4°46	8°R53	7°51	1°39	n.a.	S 4
M 5	8 8 2	4° 2'08	19°29	0♒ 6	3°21	21° 0	19° 6	28°50	12°20	25°52	4°47	8°53	7°48	1°46	n.a.	M 5
T 6	8 11 59	5° 1'42	1♒58	2° 2	4°34	21°45	19°20	28°50	12°23	25°54	4°48	8°51	7°45	1°52	n.a.	T 6
W 7	8 15 55	6° 1'13	14°41	3°58	5°47	22°30	19°34	28°49	12°27	25°56	4°49	8°48	7°41	1°59	n.a.	W 7
T 8	8 19 52	7° 0'42	27°40	5°56	7° 0	23°15	19°48	28°49	12°30	25°59	4°50	8°44	7°38	2° 6	n.a.	T 8
F 9	8 23 49	8° 0'08	10♓52	7°55	8°13	23°59	20° 2	28°48	12°33	26° 1	4°52	8°39	7°35	2°12	n.a.	F 9
S 10	8 27 45	8°59'32	24°18	9°54	9°26	24°44	20°16	28°48	12°36	26° 3	4°53	8°34	7°32	2°19	n.a.	S 10
S 11	8 31 42	9°58'54	7♈56	11°55	10°39	25°29	20°30	28°D48	12°39	26° 5	4°54	8°30	7°29	2°26	n.a.	S 11
M12	8 35 38	10°58'13	21°44	13°56	11°52	26°13	20°44	28°48	12°42	26° 8	4°55	8°27	7°25	2°32	n.a.	M12
T 13	8 39 35	11°57'30	5♉43	15°58	13° 6	26°58	20°58	28°48	12°46	26°10	4°56	8°D26	7°22	2°39	n.a.	T 13
W14	8 43 31	12°56'44	19°49	18° 0	14°19	27°43	21°12	28°49	12°49	26°12	4°57	8°26	7°19	2°46	n.a.	W14
T 15	8 47 28	13°55'56	4♊ 2	20° 2	15°32	28°27	21°26	28°49	12°52	26°14	4°58	8°27	7°16	2°52	n.a.	T 15
F 16	8 51 24	14°55'05	18°21	22° 4	16°45	29°12	21°39	28°50	12°55	26°16	4°59	8°28	7°13	2°59	n.a.	F 16
S 17	8 55 21	15°54'12	2♋41	24° 5	17°58	29°56	21°53	28°50	12°58	26°19	5° 0	8°R29	7°10	3° 6	n.a.	S 17
S 18	8 59 17	16°53'17	17° 1	26° 6	19°11	0♓40	22° 7	28°51	13° 1	26°21	5° 1	8°29	7° 6	3°12	n.a.	S 18
M19	9 3 14	17°52'19	1♌15	28° 6	20°24	1°25	22°21	28°52	13° 4	26°23	5° 1	8°27	7° 3	3°19	n.a.	M19
T 20	9 7 11	18°51'19	15°20	0♓ 5	21°37	2° 9	22°34	28°53	13° 7	26°25	5° 2	8°23	7° 0	3°26	n.a.	T 20
W21	9 11 7	19°50'16	29°11	2° 2	22°50	2°53	22°48	28°54	13°10	26°27	5° 3	8°18	6°57	3°32	n.a.	W21
T 22	9 15 4	20°49'12	12♍43	3°57	24° 3	3°37	23° 1	28°55	13°13	26°29	5° 4	8°11	6°54	3°39	n.a.	T 22
F 23	9 19 0	21°48'05	25°56	5°49	25°17	4°21	23°15	28°56	13°16	26°31	5° 5	8° 3	6°51	3°46	n.a.	F 23
S 24	9 22 57	22°46'56	8♎48	7°39	26°30	5° 5	23°28	28°58	13°18	26°33	5° 5	7°56	6°47	3°52	n.a.	S 24
S 25	9 26 53	23°45'45	21°21	9°25	27°43	5°49	23°42	28°59	13°21	26°36	5° 6	7°50	6°44	3°59	n.a.	S 25
M26	9 30 50	24°44'33	3♏36	11° 8	28°56	6°33	23°55	29° 1	13°24	26°38	5° 7	7°46	6°41	4° 6	n.a.	M26
T 27	9 34 46	25°43'18	15°38	12°47	0♒ 9	7°17	24° 8	29° 2	13°27	26°40	5° 7	7°43	6°38	4°12	n.a.	T 27
W28	9 38 43	26♒42'02	27♏31	14♓22	1♒22	8♓ 1	24♑22	29♉ 4	13♑30	26♑42	5♐ 8	7°D43	6♋35	4♐19	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s30	17s40	3n12	23s55	2s 1	23s45	0n 6	16s35	0s55	23s25	0s48	19n24	0s54	23s50	0s32	22s 6	0s44	21s10	0n17	23n34	23n37	17s46			n.a.
F 2	20 17	20 32	2 17	23 34	2 0	23 48	0 3	16 20	0 55	23 23	0 49	19 24	0 54	23 49	0 32	22 6	0 44	21 10	0 17	23 34	23 37	17 49			n.a.
S 3	20 3	22 31	1 15	23 11	1 58	23 51	0 0	16 5	0 54	23 21	0 49	19 24	0 53	23 49	0 32	22 5	0 44	21 11	0 17	23 34	23 37	17 51			n.a.
S 4	19 49	23 31	0 9	22 46	1 55	23 53	0s 3	15 50	0 54	23 19	0 49	19 24	0 53	23 49	0 32	22 5	0 44	21 11	0 17	23 34	23 38	17 53			n.a.
M 5	19 35	23 23	0s58	22 19	1 52	23 55	0 5	15 35	0 53	23 17	0 49	19 24	0 53	23 49	0 32	22 4	0 44	21 11	0 17	23 34	23 38	17 55			n.a.
T 6	19 21	22 5	2 4	21 49	1 49	23 55	0 8	15 20	0 53	23 15	0 49	19 24	0 53	23 48	0 32	22 4	0 44	21 12	0 17	23 34	23 38	17 57			n.a.
W 7	19 6	19 39	3 4	21 17	1 44	23 55	0 11	15 5	0 52	23 13	0 49	19 24	0 53	23 48	0 32	22 3	0 44	21 12	0 17	23 34	23 38	17 59			n.a.
T 8	18 51	16 11	3 56	20 44	1 40	23 55	0 14	14 49	0 52	23 11	0 49	19 24	0 52	23 48	0 32	22 3	0 44	21 12	0 17	23 34	23 38	18 1			n.a.
F 9	18 35	11 52	4 37	20 8	1 34	23 53	0 17	14 34	0 51	23 9	0 49	19 24	0 52	23 47	0 32	22 3	0 44	21 13	0 17	23 35	23 39	18 3			n.a.
S 10	18 20	6 55	5 3	19 30	1 28	23 51	0 20	14 18	0 51	23 7	0 50	19 24	0 52	23 47	0 32	22 2	0 44	21 13	0 17	23 35	23 39	18 5			n.a.
S 11	18 4	1 34	5 12	18 50	1 22	23 48	0 22	14 2	0 50	23 5	0 50	19 24	0 52	23 47	0 32	22 2	0 44	21 13	0 17	23 35	23 39	18 7			n.a.
M12	17 47	3n56	5 4	18 8	1 15	23 44	0 25	13 46	0 50	23 3	0 50	19 24	0 52	23 47	0 32	22 1	0 44	21 13	0 17	23 35	23 39	18 9			n.a.
T 13	17 31	9 18	4 38	17 24	1 7	23 40	0 28	13 30	0 49	23 1	0 50	19 25	0 51	23 46	0 32	22 1	0 44	21 14	0 16	23 35	23 39	18 11			n.a.
W14	17 14	14 14	3 55	16 38	0 58	23 35	0 30	13 14	0 49	22 59	0 50	19 25	0 51	23 46	0 32	22 1	0 44	21 14	0 16	23 35	23 39	18 13			n.a.
T 15	16 56	18 26	2 57	15 51	0 50	23 29	0 33	12 58	0 48	22 57	0 50	19 25	0 51	23 46	0 32	22 0	0 44	21 14	0 16	23 35	23 40	18 15			n.a.
F 16	16 39	21 33	1 48	15 2	0 40	23 23	0 35	12 42	0 48	22 55	0 50	19 26	0 51	23 45	0 32	22 0	0 44	21 14	0 16	23 35	23 40	18 17			n.a.
S 17	16 21	23 19	0 32	14 12	0 30	23 16	0 38	12 26	0 47	22 53	0 50	19 26	0 51	23 45	0 32	21 59	0 44	21 15	0 16	23 35	23 40	18 19			n.a.
S 18	16 3	23 31	0n46	13 21	0 20	23 8	0 40	12 9	0 47	22 51	0 51	19 26	0 50	23 45	0 32	21 59	0 44	21 15	0 16	23 35	23 40	18 21			n.a.
M19	15 45	22 12	2 1	12 29	0 9	22 59	0 43	11 53	0 46	22 49	0 51	19 27	0 50	23 45	0 32	21 59	0 44	21 15	0 16	23 35	23 40	18 23			n.a.
T 20	15 26	19 29	3 7	11 36	0n 3	22 50	0 45	11 36	0 45	22 46	0 51	19 27	0 50	23 44	0 32	21 58	0 44	21 15	0 16	23 36	23 41	18 25			n.a.
W21	15 7	15 42	4 0	10 43	0 14	22 40	0 47	11 19	0 45	22 44	0 51	19 27	0 50	23 44	0 32	21 58	0 44	21 16	0 16	23 36	23 41	18 27			n.a.
T 22	14 49	11 11	4 39	9 50	0 26	22 30	0 50	11 3	0 44	22 42	0 51	19 28	0 50	23 44	0 32	21 57	0 44	21 16	0 16	23 36	23 41	18 29			n.a.
F 23	14 29	6 15	5 2	8 57	0 38	22 19	0 52	10 46	0 44	22 40	0 51	19 28	0 50	23 43	0 32	21 57	0 44	21 16	0 16	23 37	23 41	18 31			n.a.
S 24	14 10	1 10	5 9	8 4	0 50	22 7	0 54	10 29	0 43	22 38	0 52	19 29	0 49	23 43	0 32	21 57	0 45	21 16	0 15	23 37	23 41	18 33			n.a.
S 25	13 50	3s50	5 0	7 13	1 3	21 54	0 56	10 12	0 43	22 36	0 52	19 29	0 49	23 43	0 32	21 56	0 45	21 17	0 15	23 38	23 41	18 35			n.a.
M26	13 30	8 35	4 38	6 22	1 15	21 41	0 58	9 55	0 42	22 33	0 52	19 30	0 49	23 43	0 32	21 56	0 45	21 17	0 15	23 38	23 42	18 37			n.a.
T 27	13 10	12 55	4 4	5 33	1 27	21 27	1 0	9 38	0 42	22 31	0 52	19 30	0 49	23 42	0 32	21 55	0 45	21 17	0 15	23 38	23 42	18 39			n.a.
W28	12s50	16s43	3n20	4s45	1n39	21s13	1s 2	9s21	0s41	22s29	0s52	19n31	0s49	23s42	0s32	21s55	0s45	21s17	0n15	23n38	23n42	18s41			n.a.

Julian Day Number = 1194398.5, Delta T = 09h28m54s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'04, Lahiri = -23°52'04 Julian Calendar 1 Feb. 1443 BCE == Greg. Calendar 19 Jan. 1443 BCE

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

MARCH 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 42 39	27♒40'43	9♐20	15♓52	2♒35	8♓45	24♑35	29♉ 6	13♑32	26♑44	5♐ 8	7♋43	6♋31	4♐26	n.a.	T 1
F 2	9 46 36	28°39'23	21°11	17°17	3°49	9°28	24°48	29° 8	13°35	26°46	5° 9	7°45	6°28	4°32	n.a.	F 2
S 3	9 50 33	29°38'01	3♑ 9	18°38	5° 2	10°12	25° 1	29°10	13°38	26°48	5°10	7°R46	6°25	4°39	n.a.	S 3
S 4	9 54 29	0♓36'38	15°18	19°53	6°15	10°56	25°14	29°13	13°40	26°50	5°10	7°45	6°22	4°46	n.a.	S 4
M 5	9 58 26	1°35'12	27°42	21° 3	7°28	11°39	25°27	29°15	13°43	26°52	5°10	7°43	6°19	4°52	n.a.	M 5
T 6	10 2 22	2°33'44	10♒24	22° 8	8°41	12°23	25°40	29°17	13°45	26°54	5°11	7°39	6°16	4°59	n.a.	T 6
W 7	10 6 19	3°32'15	23°25	23° 7	9°55	13° 6	25°53	29°20	13°48	26°56	5°11	7°32	6°12	5° 6	n.a.	W 7
T 8	10 10 15	4°30'43	6♓46	24° 0	11° 8	13°50	26° 6	29°22	13°50	26°57	5°12	7°24	6° 9	5°12	n.a.	T 8
F 9	10 14 12	5°29'10	20°24	24°47	12°21	14°33	26°18	29°25	13°53	26°59	5°12	7°14	6° 6	5°19	n.a.	F 9
S 10	10 18 8	6°27'34	4♈16	25°29	13°34	15°17	26°31	29°28	13°55	27° 1	5°12	7° 5	6° 3	5°26	n.a.	S 10
S 11	10 22 5	7°25'56	18°19	26° 4	14°47	16° 0	26°44	29°31	13°58	27° 3	5°13	6°56	6° 0	5°32	n.a.	S 11
M12	10 26 1	8°24'16	2♉28	26°34	16° 0	16°43	26°56	29°34	14° 0	27° 5	5°13	6°49	5°57	5°39	n.a.	M12
T 13	10 29 58	9°22'33	16°39	26°57	17°14	17°26	27° 9	29°37	14° 2	27° 7	5°13	6°45	5°53	5°46	n.a.	T 13
W14	10 33 55	10°20'49	0♊50	27°15	18°27	18°10	27°21	29°40	14° 5	27° 8	5°13	6°43	5°50	5°52	n.a.	W14
T 15	10 37 51	11°19'02	14°58	27°27	19°40	18°53	27°33	29°44	14° 7	27°10	5°13	6°D42	5°47	5°59	n.a.	T 15
F 16	10 41 48	12°17'13	29° 3	27°33	20°53	19°36	27°45	29°47	14° 9	27°12	5°14	6°43	5°44	6° 6	n.a.	F 16
S 17	10 45 44	13°15'22	13♋ 3	27°R33	22° 6	20°19	27°58	29°51	14°11	27°14	5°14	6°R43	5°41	6°12	n.a.	S 17
S 18	10 49 41	14°13'29	26°58	27°28	23°20	21° 2	28°10	29°54	14°13	27°15	5°14	6°41	5°37	6°19	n.a.	S 18
M19	10 53 37	15°11'34	10♌46	27°18	24°33	21°45	28°22	29°58	14°15	27°17	5°14	6°37	5°34	6°26	n.a.	M19
T 20	10 57 34	16° 9'36	24°26	27° 2	25°46	22°27	28°34	0♊ 2	14°17	27°19	5°R14	6°31	5°31	6°32	n.a.	T 20
W21	11 1 30	17° 7'37	7♍54	26°42	26°59	23°10	28°45	0° 6	14°19	27°20	5°14	6°21	5°28	6°39	n.a.	W21
T 22	11 5 27	18° 5'35	21° 9	26°18	28°12	23°53	28°57	0°10	14°21	27°22	5°14	6°10	5°25	6°46	n.a.	T 22
F 23	11 9 24	19° 3'32	4♎ 8	25°50	29°26	24°36	29° 9	0°14	14°23	27°24	5°14	5°58	5°22	6°52	n.a.	F 23
S 24	11 13 20	20° 1'27	16°51	25°19	0♓39	25°18	29°20	0°18	14°25	27°25	5°14	5°46	5°18	6°59	n.a.	S 24
S 25	11 17 17	20°59'21	29°18	24°46	1°52	26° 1	29°32	0°22	14°27	27°27	5°14	5°36	5°15	7° 6	n.a.	S 25
M26	11 21 13	21°57'13	11♏31	24°10	3° 5	26°43	29°43	0°26	14°29	27°28	5°13	5°27	5°12	7°12	n.a.	M26
T 27	11 25 10	22°55'04	23°31	23°33	4°18	27°26	29°54	0°31	14°30	27°30	5°13	5°22	5° 9	7°19	n.a.	T 27
W28	11 29 6	23°52'53	5♐24	22°56	5°32	28° 8	0♒ 6	0°35	14°32	27°31	5°13	5°18	5° 6	7°26	n.a.	W28
T 29	11 33 3	24°50'41	17°13	22°18	6°45	28°51	0°17	0°40	14°34	27°33	5°13	5°17	5° 2	7°32	n.a.	T 29
F 30	11 36 59	25°48'28	29° 3	21°42	7°58	29°33	0°28	0°44	14°35	27°34	5°12	5°17	4°59	7°39	n.a.	F 30
S 31	11 40 56	26♓46'13	11♑ 1	21♓ 6	9♓11	0♈15	0♒39	0♊49	14♑37	27♑35	5♐12	5♋17	4♋56	7♐46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12s30	19s49	2n27	3s59	1n50	20s58	1s 4	9s 4	0s41	22s27	0s52	19n32	0s48	23s42	0s32	21s55	0s45	21s17	0n15	23n38	23n42	18s43			n.a.
F 2	12 9	22 6	1 28	3 15	2 1	20 42	1 6	8 46	0 40	22 24	0 52	19 32	0 48	23 42	0 32	21 54	0 45	21 18	0 15	23 38	23 42	18 45			n.a.
S 3	11 48	23 25	0 25	2 34	2 12	20 26	1 7	8 29	0 40	22 22	0 53	19 33	0 48	23 41	0 32	21 54	0 45	21 18	0 15	23 38	23 42	18 47			n.a.
S 4	11 27	23 38	0s40	1 55	2 22	20 9	1 9	8 12	0 39	22 20	0 53	19 34	0 48	23 41	0 32	21 54	0 45	21 18	0 15	23 38	23 42	18 49			n.a.
M 5	11 6	22 42	1 45	1 18	2 31	19 52	1 11	7 54	0 38	22 18	0 53	19 34	0 48	23 41	0 32	21 53	0 45	21 18	0 15	23 38	23 43	18 51			n.a.
T 6	10 45	20 36	2 46	0 44	2 40	19 34	1 12	7 37	0 38	22 15	0 53	19 35	0 47	23 41	0 32	21 53	0 45	21 18	0 15	23 38	23 43	18 53			n.a.
W 7	10 23	17 24	3 40	0 13	2 48	19 16	1 14	7 19	0 37	22 13	0 53	19 36	0 47	23 40	0 32	21 53	0 45	21 18	0 15	23 39	23 43	18 54			n.a.
T 8	10 2	13 14	4 23	0n14	2 55	18 57	1 15	7 2	0 37	22 11	0 53	19 36	0 47	23 40	0 33	21 52	0 45	21 19	0 14	23 39	23 43	18 56			n.a.
F 9	9 40	8 19	4 52	0 39	3 1	18 37	1 17	6 44	0 36	22 9	0 54	19 37	0 47	23 40	0 33	21 52	0 45	21 19	0 14	23 40	23 43	18 58			n.a.
S 10	9 18	2 55	5 4	1 1	3 6	18 17	1 18	6 27	0 36	22 6	0 54	19 38	0 47	23 40	0 33	21 52	0 45	21 19	0 14	23 40	23 43	19 0			n.a.
S 11	8 56	2n43	4 59	1 19	3 10	17 57	1 19	6 9	0 35	22 4	0 54	19 39	0 47	23 39	0 33	21 51	0 45	21 19	0 14	23 41	23 44	19 2			n.a.
M12	8 34	8 15	4 35	1 34	3 13	17 36	1 20	5 52	0 35	22 2	0 54	19 40	0 46	23 39	0 33	21 51	0 45	21 19	0 14	23 41	23 44	19 4			n.a.
T 13	8 12	13 22	3 54	1 45	3 15	17 14	1 22	5 34	0 34	21 59	0 54	19 41	0 46	23 39	0 33	21 50	0 45	21 19	0 14	23 41	23 44	19 6			n.a.
W14	7 49	17 46	2 59	1 53	3 16	16 52	1 23	5 16	0 33	21 57	0 55	19 41	0 46	23 39	0 33	21 50	0 45	21 19	0 14	23 41	23 44	19 8			n.a.
T 15	7 27	21 7	1 53	1 57	3 16	16 30	1 24	4 59	0 33	21 55	0 55	19 42	0 46	23 39	0 33	21 50	0 45	21 19	0 14	23 41	23 44	19 10			n.a.
F 16	7 4	23 11	0 41	1 58	3 14	16 7	1 24	4 41	0 32	21 53	0 55	19 43	0 46	23 38	0 33	21 50	0 45	21 20	0 14	23 41	23 44	19 12			n.a.
S 17	6 42	23 46	0n34	1 55	3 11	15 44	1 25	4 23	0 32	21 50	0 55	19 44	0 46	23 38	0 33	21 49	0 45	21 20	0 14	23 41	23 44	19 14			n.a.
S 18	6 19	22 52	1 46	1 49	3 6	15 20	1 26	4 6	0 31	21 48	0 55	19 45	0 45	23 38	0 33	21 49	0 45	21 20	0 14	23 42	23 45	19 16			n.a.
M19	5 56	20 34	2 51	1 39	3 0	14 56	1 27	3 48	0 31	21 46	0 56	19 46	0 45	23 38	0 33	21 49	0 45	21 20	0 13	23 42	23 45	19 18			n.a.
T 20	5 33	17 8	3 45	1 27	2 53	14 32	1 27	3 30	0 30	21 43	0 56	19 47	0 45	23 38	0 33	21 48	0 45	21 20	0 13	23 42	23 45	19 19			n.a.
W21	5 10	12 51	4 26	1 11	2 45	14 7	1 28	3 12	0 29	21 41	0 56	19 48	0 45	23 37	0 33	21 48	0 45	21 20	0 13	23 43	23 45	19 21			n.a.
T 22	4 47	8 1	4 51	0 52	2 35	13 41	1 29	2 55	0 29	21 39	0 56	19 49	0 45	23 37	0 33	21 48	0 45	21 20	0 13	23 43	23 45	19 23			n.a.
F 23	4 24	2 55	5 1	0 31	2 24	13 16	1 29	2 37	0 28	21 37	0 56	19 50	0 44	23 37	0 33	21 47	0 45	21 20	0 13	23 44	23 45	19 25			n.a.
S 24	4 1	2s11	4 56	0 7	2 12	12 50	1 29	2 19	0 28	21 34	0 57	19 51	0 44	23 37	0 33	21 47	0 45	21 20	0 13	23 44	23 45	19 27			n.a.
S 25	3 38	7 7	4 37	0s19	1 58	12 23	1 30	2 1	0 27	21 32	0 57	19 52	0 44	23 37	0 33	21 47	0 45	21 20	0 13	23 45	23 45	19 29			n.a.
M26	3 15	11 41	4 5	0 46	1 44	11 57	1 30	1 44	0 26	21 30	0 57	19 53	0 44	23 37	0 33	21 47	0 45	21 20	0 13	23 45	23 46	19 31			n.a.
T 27	2 52	15 43	3 22	1 15	1 29	11 30	1 30	1 26	0 26	21 28	0 57	19 54	0 44	23 36	0 33	21 46	0 45	21 20	0 13	23 45	23 46	19 33			n.a.
W28	2 28	19 6	2 31	1 44	1 13	11 3	1 30	1 8	0 25	21 25	0 57	19 55	0 44	23 36	0 33	21 46	0 45	21 21	0 13	23 45	23 46	19 35			n.a.
T 29	2 5	21 40	1 34	2 14	0 57	10 35	1 30	0 51	0 25	21 23	0 58	19 57	0 44	23 36	0 33	21 46	0 45	21 21	0 13	23 45	23 46	19 36			n.a.
F 30	1 42	23 19	0 33	2 44	0 41	10 7	1 30	0 33	0 24	21 21	0 58	19 58	0 43	23 36	0 33	21 46	0 45	21 21	0 13	23 45	23 46	19 38			n.a.
S 31	1s18	23s54	0s30	3s13	0n24	9s39	1s30	0s15	0s24	21s19	0s58	19n59	0s43	23s36	0s33	21s45	0s45	21s21	0n12	23n45	23n46	19s40			n.a.

Julian Day Number = 1194426.5, Delta T = 09h28m53s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°59'01, Lahiri = -23°52'00 Julian Calendar 1 March 1443 BCE == Greg. Calendar 16 Feb. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

APRIL 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 44 52	27♓43'57	23♑12	20°R33	10♓25	0♈58	0♒50	0♊54	14♑39	27♑37	5°R12	5°R16	4♋53	7♐52	n.a.	S 1
M 2	11 48 49	28°41'39	5♒40	20♓ 1	11°38	1°40	1° 0	0°59	14°40	27°38	5♐11	5♋13	4°50	7°59	n.a.	M 2
T 3	11 52 46	29°39'21	18°29	19°33	12°51	2°22	1°11	1° 4	14°42	27°39	5°11	5° 7	4°47	8° 6	n.a.	T 3
W 4	11 56 42	0♈37'01	1♓42	19° 8	14° 4	3° 4	1°22	1° 9	14°43	27°41	5°11	4°59	4°43	8°12	n.a.	W 4
T 5	12 0 39	1°34'39	15°19	18°47	15°18	3°46	1°32	1°14	14°44	27°42	5°10	4°49	4°40	8°19	n.a.	T 5
F 6	12 4 35	2°32'16	29°19	18°30	16°31	4°28	1°42	1°19	14°46	27°43	5°10	4°38	4°37	8°26	n.a.	F 6
S 7	12 8 32	3°29'52	13♈36	18°17	17°44	5°10	1°53	1°24	14°47	27°44	5° 9	4°26	4°34	8°32	n.a.	S 7
S 8	12 12 28	4°27'26	28° 5	18° 8	18°57	5°52	2° 3	1°30	14°48	27°45	5° 9	4°15	4°31	8°39	n.a.	S 8
M 9	12 16 25	5°24'59	12♉39	18°D 4	20°11	6°34	2°13	1°35	14°49	27°47	5° 8	4° 7	4°28	8°45	n.a.	M 9
T 10	12 20 21	6°22'31	27°11	18° 4	21°24	7°16	2°22	1°41	14°50	27°48	5° 8	4° 1	4°24	8°52	n.a.	T 10
W11	12 24 18	7°20'01	11♊37	18° 9	22°37	7°57	2°32	1°46	14°51	27°49	5° 7	3°58	4°21	8°59	n.a.	W11
T 12	12 28 15	8°17'29	25°52	18°18	23°51	8°39	2°42	1°52	14°52	27°50	5° 6	3°57	4°18	9° 5	n.a.	T 12
F 13	12 32 11	9°14'56	9♋56	18°32	25° 4	9°21	2°51	1°57	14°53	27°51	5° 6	3°57	4°15	9°12	n.a.	F 13
S 14	12 36 8	10°12'22	23°48	18°50	26°17	10° 2	3° 1	2° 3	14°54	27°52	5° 5	3°56	4°12	9°19	n.a.	S 14
S 15	12 40 4	11° 9'46	7♌28	19°13	27°30	10°44	3°10	2° 9	14°55	27°53	5° 4	3°55	4° 8	9°25	n.a.	S 15
M16	12 44 1	12° 7'08	20°56	19°40	28°44	11°26	3°19	2°15	14°56	27°54	5° 4	3°50	4° 5	9°32	n.a.	M16
T 17	12 47 57	13° 4'29	4♍13	20°11	29°57	12° 7	3°28	2°21	14°57	27°55	5° 3	3°43	4° 2	9°39	n.a.	T 17
W18	12 51 54	14° 1'49	17°18	20°46	1♈10	12°48	3°37	2°27	14°58	27°55	5° 2	3°34	3°59	9°45	n.a.	W18
T 19	12 55 50	14°59'07	0♎12	21°25	2°24	13°30	3°46	2°33	14°58	27°56	5° 1	3°22	3°56	9°52	n.a.	T 19
F 20	12 59 47	15°56'24	12°53	22° 9	3°37	14°11	3°55	2°39	14°59	27°57	5° 1	3° 9	3°53	9°59	n.a.	F 20
S 21	13 3 44	16°53'41	25°22	22°55	4°50	14°52	4° 3	2°45	15° 0	27°58	5° 0	2°57	3°49	10° 5	n.a.	S 21
S 22	13 7 40	17°50'56	7♏38	23°46	6° 4	15°34	4°12	2°51	15° 0	27°59	4°59	2°46	3°46	10°12	n.a.	S 22
M23	13 11 37	18°48'11	19°44	24°40	7°17	16°15	4°20	2°58	15° 1	27°59	4°58	2°37	3°43	10°19	n.a.	M23
T 24	13 15 33	19°45'25	1♐40	25°38	8°30	16°56	4°28	3° 4	15° 1	28° 0	4°57	2°30	3°40	10°25	n.a.	T 24
W25	13 19 30	20°42'38	13°30	26°38	9°44	17°37	4°36	3°10	15° 2	28° 1	4°56	2°27	3°37	10°32	n.a.	W25
T 26	13 23 26	21°39'51	25°18	27°43	10°57	18°18	4°44	3°17	15° 2	28° 1	4°55	2°25	3°33	10°39	n.a.	T 26
F 27	13 27 23	22°37'03	7♑ 8	28°50	12°11	18°59	4°52	3°23	15° 2	28° 2	4°54	2°D25	3°30	10°45	n.a.	F 27
S 28	13 31 19	23°34'14	19° 5	0♈ 1	13°24	19°40	4°59	3°30	15° 3	28° 2	4°53	2°R25	3°27	10°52	n.a.	S 28
S 29	13 35 16	24°31'25	1♒15	1°15	14°37	20°21	5° 7	3°37	15° 3	28° 3	4°52	2°25	3°24	10°59	n.a.	S 29
M30	13 39 13	25♈28'36	13♒43	2♈32	15♈51	21♈ 2	5♒14	3♊43	15♑ 3	28♑ 3	4♐51	2♋24	3♋21	11♐ 5	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s55	23s22	1s34	3s42	0n 7	9s11	1s30	0n 2	0s23	21s17	0s58	20n 0	0s43	23s36	0s33	21s45	0s46	21s21	0n12	23n45	23n46	19s42		n.a.
M 2	0 32	21 40	2 34	4 10	0s10	8 42	1 30	0 20	0 22	21 14	0 59	20 1	0 43	23 36	0 33	21 45	0 46	21 21	0 12	23 46	23 46	19 44		n.a.
T 3	0 8	18 50	3 27	4 36	0 26	8 13	1 29	0 37	0 22	21 12	0 59	20 2	0 43	23 35	0 33	21 45	0 46	21 21	0 12	23 46	23 47	19 46		n.a.
W 4	0n15	14 58	4 12	5 1	0 42	7 44	1 29	0 55	0 21	21 10	0 59	20 4	0 43	23 35	0 33	21 44	0 46	21 21	0 12	23 46	23 47	19 48		n.a.
T 5	0 38	10 13	4 44	5 24	0 58	7 15	1 29	1 13	0 21	21 8	0 59	20 5	0 42	23 35	0 33	21 44	0 46	21 21	0 12	23 46	23 47	19 49		n.a.
F 6	1 2	4 50	4 59	5 44	1 13	6 46	1 28	1 30	0 20	21 6	0 59	20 6	0 42	23 35	0 33	21 44	0 46	21 21	0 12	23 47	23 47	19 51		n.a.
S 7	1 25	0n55	4 57	6 2	1 27	6 16	1 28	1 48	0 19	21 4	1 0	20 7	0 42	23 35	0 33	21 44	0 46	21 21	0 12	23 47	23 47	19 53		n.a.
S 8	1 48	6 42	4 35	6 18	1 40	5 47	1 27	2 5	0 19	21 2	1 0	20 9	0 42	23 35	0 33	21 44	0 46	21 21	0 12	23 48	23 47	19 55		n.a.
M 9	2 11	12 10	3 56	6 32	1 53	5 17	1 26	2 22	0 18	21 0	1 0	20 10	0 42	23 35	0 33	21 43	0 46	21 21	0 12	23 48	23 47	19 57		n.a.
T 10	2 34	16 56	3 1	6 42	2 5	4 47	1 26	2 40	0 18	20 58	1 0	20 11	0 42	23 35	0 34	21 43	0 46	21 21	0 12	23 48	23 47	19 59		n.a.
W11	2 58	20 40	1 55	6 50	2 15	4 16	1 25	2 57	0 17	20 56	1 1	20 12	0 41	23 35	0 34	21 43	0 46	21 21	0 11	23 48	23 47	20 0		n.a.
T 12	3 21	23 5	0 43	6 56	2 25	3 46	1 24	3 14	0 16	20 54	1 1	20 14	0 41	23 34	0 34	21 43	0 46	21 21	0 11	23 48	23 48	20 2		n.a.
F 13	3 44	24 1	0n32	6 58	2 34	3 16	1 23	3 32	0 16	20 52	1 1	20 15	0 41	23 34	0 34	21 43	0 46	21 21	0 11	23 48	23 48	20 4		n.a.
S 14	4 7	23 25	1 43	6 58	2 42	2 45	1 22	3 49	0 15	20 50	1 1	20 16	0 41	23 34	0 34	21 42	0 46	21 21	0 11	23 48	23 48	20 6		n.a.
S 15	4 30	21 25	2 47	6 56	2 49	2 15	1 21	4 6	0 15	20 48	1 2	20 18	0 41	23 34	0 34	21 42	0 46	21 21	0 11	23 48	23 48	20 8		n.a.
M16	4 52	18 15	3 41	6 51	2 56	1 44	1 20	4 23	0 14	20 46	1 2	20 19	0 41	23 34	0 34	21 42	0 46	21 21	0 11	23 48	23 48	20 9		n.a.
T 17	5 15	14 12	4 22	6 43	3 1	1 13	1 19	4 40	0 13	20 44	1 2	20 20	0 41	23 34	0 34	21 42	0 46	21 20	0 11	23 49	23 48	20 11		n.a.
W18	5 38	9 31	4 49	6 33	3 5	0 43	1 18	4 57	0 13	20 42	1 2	20 22	0 40	23 34	0 34	21 42	0 46	21 20	0 11	23 49	23 48	20 13		n.a.
T 19	6 0	4 30	5 0	6 20	3 9	0 12	1 16	5 14	0 12	20 40	1 3	20 23	0 40	23 34	0 34	21 42	0 46	21 20	0 11	23 49	23 48	20 15		n.a.
F 20	6 23	0s38	4 57	6 5	3 11	0n19	1 15	5 31	0 12	20 38	1 3	20 24	0 40	23 34	0 34	21 42	0 46	21 20	0 11	23 50	23 48	20 17		n.a.
S 21	6 45	5 40	4 39	5 48	3 13	0 50	1 14	5 47	0 11	20 36	1 3	20 26	0 40	23 34	0 34	21 41	0 46	21 20	0 11	23 50	23 48	20 18		n.a.
S 22	7 7	10 24	4 8	5 29	3 14	1 21	1 12	6 4	0 10	20 35	1 4	20 27	0 40	23 34	0 34	21 41	0 46	21 20	0 10	23 50	23 49	20 20		n.a.
M23	7 30	14 41	3 26	5 7	3 14	1 52	1 11	6 21	0 10	20 33	1 4	20 28	0 40	23 34	0 34	21 41	0 46	21 20	0 10	23 50	23 49	20 22		n.a.
T 24	7 52	18 19	2 36	4 43	3 14	2 22	1 9	6 38	0 9	20 31	1 4	20 30	0 40	23 34	0 34	21 41	0 46	21 20	0 10	23 50	23 49	20 24		n.a.
W25	8 14	21 11	1 39	4 17	3 12	2 53	1 8	6 54	0 9	20 29	1 4	20 31	0 39	23 34	0 34	21 41	0 46	21 20	0 10	23 50	23 49	20 25		n.a.
T 26	8 35	23 9	0 38	3 49	3 10	3 24	1 6	7 11	0 8	20 28	1 5	20 32	0 39	23 34	0 34	21 41	0 46	21 20	0 10	23 51	23 49	20 27		n.a.
F 27	8 57	24 5	0s25	3 19	3 7	3 54	1 5	7 27	0 7	20 26	1 5	20 34	0 39	23 34	0 34	21 41	0 46	21 20	0 10	23 51	23 49	20 29		n.a.
S 28	9 19	23 55	1 28	2 48	3 4	4 25	1 3	7 43	0 7	20 25	1 5	20 35	0 39	23 34	0 34	21 41	0 47	21 20	0 10	23 51	23 49	20 31		n.a.
S 29	9 40	22 38	2 27	2 14	2 59	4 56	1 1	8 0	0 6	20 23	1 5	20 37	0 39	23 34	0 34	21 41	0 47	21 20	0 10	23 51	23 49	20 32		n.a.
M30	10n 1	20s13	3s22	1s38	2s55	5n26	0s59	8n16	0s 6	20s21	1s 6	20n38	0s39	23s34	0s34	21s41	0s47	21s19	0n10	23n51	23n49	20s34		n.a.

Julian Day Number = 1194457.5, Delta T = 09h28m51s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'56, Lahiri = -23°51'56 Julian Calendar 1 Apr. 1443 BCE == Greg. Calendar 19 March 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

MAY 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 43 9	26♈25'46	26♒33	3♈52	17♈ 4	21♈43	5♒21	3♊50	15♑ 3	28♑ 4	4°R50	2°R20	3♋18	11♐12	n.a.	T 1
W 2	13 47 6	27°22'56	9♓49	5°15	18°18	22°24	5°28	3°57	15° 3	28° 4	4♐49	2♋14	3°14	11°19	n.a.	W 2
T 3	13 51 2	28°20'05	23°33	6°41	19°31	23° 5	5°35	4° 3	15°R 3	28° 5	4°48	2° 6	3°11	11°25	n.a.	T 3
F 4	13 54 59	29°17'14	7♈43	8° 9	20°45	23°45	5°42	4°10	15° 3	28° 5	4°47	1°57	3° 8	11°32	n.a.	F 4
S 5	13 58 55	0♉14'23	22°16	9°41	21°58	24°26	5°48	4°17	15° 3	28° 5	4°46	1°48	3° 5	11°39	n.a.	S 5
S 6	14 2 52	1°11'31	7♉ 5	11°16	23°11	25° 7	5°55	4°24	15° 3	28° 6	4°45	1°39	3° 2	11°45	n.a.	S 6
M 7	14 6 48	2° 8'38	22° 0	12°53	24°25	25°47	6° 1	4°31	15° 3	28° 6	4°43	1°32	2°59	11°52	n.a.	M 7
T 8	14 10 45	3° 5'45	6♊55	14°34	25°38	26°28	6° 7	4°38	15° 3	28° 6	4°42	1°28	2°55	11°59	n.a.	T 8
W 9	14 14 42	4° 2'52	21°41	16°17	26°52	27° 8	6°13	4°45	15° 2	28° 6	4°41	1°25	2°52	12° 5	n.a.	W 9
T 10	14 18 38	4°59'58	6♋12	18° 3	28° 5	27°49	6°19	4°52	15° 2	28° 6	4°40	1°D25	2°49	12°12	n.a.	T 10
F 11	14 22 35	5°57'03	20°25	19°52	29°19	28°29	6°25	4°59	15° 2	28° 6	4°39	1°26	2°46	12°19	n.a.	F 11
S 12	14 26 31	6°54'08	4♌19	21°43	0♌32	29°10	6°30	5° 7	15° 1	28° 7	4°37	1°R26	2°43	12°25	n.a.	S 12
S 13	14 30 28	7°51'12	17°54	23°37	1°46	29°50	6°35	5°14	15° 1	28° 7	4°36	1°26	2°39	12°32	n.a.	S 13
M14	14 34 24	8°48'16	1♍12	25°33	3° 0	0♌30	6°40	5°21	15° 0	28°R 7	4°35	1°24	2°36	12°39	n.a.	M14
T 15	14 38 21	9°45'19	14°15	27°32	4°13	1°11	6°45	5°28	15° 0	28° 7	4°34	1°19	2°33	12°45	n.a.	T 15
W16	14 42 18	10°42'21	27° 3	29°32	5°27	1°51	6°50	5°36	14°59	28° 7	4°32	1°13	2°30	12°52	n.a.	W16
T 17	14 46 14	11°39'23	9♎39	1♌35	6°40	2°31	6°55	5°43	14°58	28° 7	4°31	1° 5	2°27	12°58	n.a.	T 17
F 18	14 50 11	12°36'26	22° 3	3°40	7°54	3°11	6°59	5°50	14°58	28° 6	4°30	0°56	2°24	13° 5	n.a.	F 18
S 19	14 54 7	13°33'27	4♏17	5°46	9° 7	3°51	7° 3	5°58	14°57	28° 6	4°28	0°48	2°20	13°12	n.a.	S 19
S 20	14 58 4	14°30'29	16°22	7°54	10°21	4°31	7° 7	6° 5	14°56	28° 6	4°27	0°40	2°17	13°18	n.a.	S 20
M21	15 2 0	15°27'31	28°19	10° 2	11°35	5°11	7°11	6°12	14°55	28° 6	4°26	0°34	2°14	13°25	n.a.	M21
T 22	15 5 57	16°24'33	10♐10	12°12	12°48	5°51	7°15	6°20	14°55	28° 6	4°24	0°30	2°11	13°32	n.a.	T 22
W23	15 9 53	17°21'35	21°58	14°22	14° 2	6°31	7°19	6°27	14°54	28° 5	4°23	0°28	2° 8	13°38	n.a.	W23
T 24	15 13 50	18°18'38	3♑46	16°32	15°16	7°11	7°22	6°35	14°53	28° 5	4°21	0°D28	2° 5	13°45	n.a.	T 24
F 25	15 17 47	19°15'41	15°36	18°42	16°29	7°51	7°25	6°42	14°52	28° 5	4°20	0°29	2° 1	13°52	n.a.	F 25
S 26	15 21 43	20°12'44	27°34	20°52	17°43	8°31	7°28	6°50	14°51	28° 5	4°19	0°30	1°58	13°58	n.a.	S 26
S 27	15 25 40	21° 9'48	9♒44	23° 1	18°57	9°11	7°31	6°58	14°50	28° 4	4°17	0°32	1°55	14° 5	n.a.	S 27
M28	15 29 36	22° 6'52	22°10	25° 9	20°10	9°50	7°34	7° 5	14°48	28° 4	4°16	0°R32	1°52	14°12	n.a.	M28
T 29	15 33 33	23° 3'57	4♓58	27°17	21°24	10°30	7°36	7°13	14°47	28° 3	4°14	0°31	1°49	14°18	n.a.	T 29
W30	15 37 29	24° 1'02	18°12	29°23	22°38	11°10	7°38	7°20	14°46	28° 3	4°13	0°29	1°45	14°25	n.a.	W30
T 31	15 41 26	24♉58'08	1♈53	1♊28	23♉52	11♉49	7♒40	7♊28	14♑45	28♑ 2	4♐11	0♋26	1♋42	14♐32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n22	16s45	4s 7	1s 1	2s49	5n56	0s57	8n32	0s 5	20s20	1s 6	20n39	0s39	23s34	0s34	21s41	0s47	21s19	0n10	23n51	23n49	20s36			n.a.
W 2	10 43	12 21	4 41	0 22	2 43	6 26	0 56	8 48	0 5	20 18	1 6	20 41	0 39	23 34	0 34	21 41	0 47	21 19	0 9	23 51	23 49	20 38			n.a.
T 3	11 4	7 11	5 1	0n19	2 36	6 57	0 54	9 4	0 4	20 17	1 7	20 42	0 38	23 34	0 34	21 41	0 47	21 19	0 9	23 51	23 50	20 39			n.a.
F 4	11 25	1 30	5 3	1 1	2 29	7 26	0 52	9 20	0 3	20 16	1 7	20 44	0 38	23 34	0 34	21 41	0 47	21 19	0 9	23 51	23 50	20 41			n.a.
S 5	11 45	4n25	4 45	1 45	2 21	7 56	0 50	9 35	0 3	20 14	1 7	20 45	0 38	23 34	0 34	21 40	0 47	21 19	0 9	23 51	23 50	20 43			n.a.
S 6	12 6	10 12	4 8	2 30	2 13	8 26	0 48	9 51	0 2	20 13	1 8	20 47	0 38	23 34	0 34	21 40	0 47	21 19	0 9	23 51	23 50	20 45			n.a.
M 7	12 26	15 28	3 15	3 17	2 4	8 55	0 46	10 7	0 2	20 12	1 8	20 48	0 38	23 34	0 34	21 40	0 47	21 19	0 9	23 51	23 50	20 46			n.a.
T 8	12 46	19 46	2 7	4 5	1 55	9 24	0 44	10 22	0 1	20 10	1 8	20 49	0 38	23 34	0 34	21 40	0 47	21 19	0 9	23 51	23 50	20 48			n.a.
W 9	13 6	22 44	0 52	4 54	1 45	9 53	0 42	10 38	0 0	20 9	1 8	20 51	0 38	23 34	0 35	21 40	0 47	21 18	0 9	23 51	23 50	20 50			n.a.
T 10	13 25	24 9	0n26	5 44	1 35	10 22	0 39	10 53	0n 0	20 8	1 9	20 52	0 38	23 34	0 35	21 40	0 47	21 18	0 9	23 51	23 50	20 51			n.a.
F 11	13 44	23 56	1 40	6 35	1 25	10 51	0 37	11 8	0 1	20 7	1 9	20 54	0 37	23 34	0 35	21 40	0 47	21 18	0 9	23 51	23 50	20 53			n.a.
S 12	14 4	22 13	2 47	7 28	1 15	11 19	0 35	11 24	0 1	20 6	1 9	20 55	0 37	23 34	0 35	21 40	0 47	21 18	0 9	23 51	23 50	20 55			n.a.
S 13	14 22	19 16	3 43	8 20	1 4	11 47	0 33	11 39	0 2	20 5	1 10	20 57	0 37	23 35	0 35	21 41	0 47	21 18	0 8	23 51	23 50	20 56			n.a.
M14	14 41	15 22	4 26	9 14	0 53	12 15	0 31	11 54	0 3	20 4	1 10	20 58	0 37	23 35	0 35	21 41	0 47	21 18	0 8	23 51	23 50	20 58			n.a.
T 15	15 0	10 48	4 54	10 8	0 42	12 42	0 28	12 8	0 3	20 3	1 10	20 59	0 37	23 35	0 35	21 41	0 47	21 18	0 8	23 51	23 50	21 0			n.a.
W16	15 18	5 52	5 6	11 2	0 30	13 10	0 26	12 23	0 4	20 2	1 11	21 1	0 37	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 50	21 2			n.a.
T 17	15 36	0 45	5 4	11 56	0 19	13 36	0 24	12 38	0 4	20 1	1 11	21 2	0 37	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 50	21 3			n.a.
F 18	15 54	4s19	4 47	12 50	0 8	14 3	0 22	12 52	0 5	20 0	1 11	21 4	0 37	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 51	21 5			n.a.
S 19	16 11	9 9	4 17	13 43	0n 3	14 29	0 19	13 7	0 6	19 59	1 12	21 5	0 37	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 51	21 7			n.a.
S 20	16 29	13 35	3 36	14 36	0 14	14 55	0 17	13 21	0 6	19 59	1 12	21 6	0 36	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 51	21 8			n.a.
M21	16 46	17 27	2 45	15 28	0 24	15 21	0 15	13 35	0 7	19 58	1 12	21 8	0 36	23 35	0 35	21 41	0 47	21 17	0 8	23 52	23 51	21 10			n.a.
T 22	17 2	20 36	1 48	16 18	0 34	15 46	0 12	13 49	0 7	19 57	1 13	21 9	0 36	23 36	0 35	21 41	0 47	21 16	0 8	23 52	23 51	21 11			n.a.
W23	17 19	22 51	0 46	17 8	0 44	16 10	0 10	14 3	0 8	19 57	1 13	21 11	0 36	23 36	0 35	21 41	0 47	21 16	0 8	23 52	23 51	21 13			n.a.
T 24	17 35	24 7	0s18	17 55	0 53	16 35	0 8	14 17	0 9	19 56	1 13	21 12	0 36	23 36	0 35	21 41	0 48	21 16	0 7	23 52	23 51	21 15			n.a.
F 25	17 51	24 17	1 21	18 41	1 2	16 59	0 5	14 31	0 9	19 56	1 14	21 13	0 36	23 36	0 35	21 41	0 48	21 16	0 7	23 52	23 51	21 16			n.a.
S 26	18 7	23 20	2 22	19 24	1 10	17 22	0 3	14 45	0 10	19 55	1 14	21 15	0 36	23 36	0 35	21 41	0 48	21 16	0 7	23 52	23 51	21 18			n.a.
S 27	18 22	21 18	3 18	20 6	1 17	17 45	0 1	14 58	0 10	19 55	1 14	21 16	0 36	23 36	0 35	21 42	0 48	21 16	0 7	23 52	23 51	21 20			n.a.
M28	18 37	18 13	4 5	20 45	1 24	18 8	0n 2	15 12	0 11	19 54	1 15	21 18	0 36	23 36	0 35	21 42	0 48	21 15	0 7	23 52	23 51	21 21			n.a.
T 29	18 52	14 12	4 42	21 22	1 30	18 30	0 4	15 25	0 12	19 54	1 15	21 19	0 35	23 37	0 35	21 42	0 48	21 15	0 7	23 52	23 51	21 23			n.a.
W30	19 7	9 24	5 5	21 56	1 36	18 52	0 7	15 38	0 12	19 54	1 15	21 20	0 35	23 37	0 35	21 42	0 48	21 15	0 7	23 52	23 51	21 25			n.a.
T 31	19n21	3s59	5s12	22n28	1n41	19n13	0n 9	15n51	0n13	19s53	1s16	21n22	0s35	23s37	0s35	21s42	0s48	21s15	0n 7	23n52	23n51	21s26			n.a.

Julian Day Number = 1194487.5, Delta T = 09h28m49s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'52, Lahiri = -23°51'52 Julian Calendar 1 May 1443 BCE == Greg. Calendar 18 Apr. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

JUNE 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 45 23	25♉55'14	16♈ 2	3♊32	25♉ 5	12♉29	7♒42	7♊36	14°R44	28°R 2	4°R10	0°R21	1♋39	14♐38	n.a.	F 1
S 2	15 49 19	26°52'21	0♉37	5°34	26°19	13° 9	7°44	7°43	14♑42	28♑ 1	4♐ 9	0♋16	1°36	14°45	n.a.	S 2
S 3	15 53 16	27°49'29	15°32	7°34	27°33	13°48	7°46	7°51	14°41	28° 1	4° 7	0°12	1°33	14°52	n.a.	S 3
M 4	15 57 12	28°46'38	0♊39	9°33	28°47	14°28	7°47	7°59	14°39	28° 0	4° 6	0° 8	1°30	14°58	n.a.	M 4
T 5	16 1 9	29°43'47	15°48	11°30	0♊ 1	15° 7	7°48	8° 7	14°38	27°59	4° 4	0° 6	1°26	15° 5	n.a.	T 5
W 6	16 5 5	0♊40'56	0♋51	13°26	1°14	15°47	7°49	8°14	14°36	27°59	4° 3	0°D 6	1°23	15°12	n.a.	W 6
T 7	16 9 2	1°38'06	15°39	15°19	2°28	16°26	7°50	8°22	14°35	27°58	4° 1	0° 6	1°20	15°18	n.a.	T 7
F 8	16 12 58	2°35'16	0♌ 6	17°11	3°42	17° 5	7°50	8°30	14°33	27°57	4° 0	0° 7	1°17	15°25	n.a.	F 8
S 9	16 16 55	3°32'27	14°10	19° 1	4°56	17°45	7°50	8°38	14°32	27°56	3°58	0° 9	1°14	15°31	n.a.	S 9
S 10	16 20 52	4°29'38	27°50	20°49	6°10	18°24	7°R51	8°45	14°30	27°56	3°57	0°10	1°11	15°38	n.a.	S 10
M11	16 24 48	5°26'49	11♍ 8	22°35	7°24	19° 3	7°51	8°53	14°28	27°55	3°55	0°R10	1° 7	15°45	n.a.	M11
T 12	16 28 45	6°24'01	24° 4	24°20	8°38	19°42	7°50	9° 1	14°27	27°54	3°54	0° 9	1° 4	15°51	n.a.	T 12
W13	16 32 41	7°21'13	6♎43	26° 3	9°52	20°22	7°50	9° 9	14°25	27°53	3°53	0° 7	1° 1	15°58	n.a.	W13
T 14	16 36 38	8°18'26	19° 7	27°44	11° 6	21° 1	7°49	9°16	14°23	27°52	3°51	0° 4	0°58	16° 5	n.a.	T 14
F 15	16 40 34	9°15'40	1♏19	29°23	12°20	21°40	7°48	9°24	14°22	27°51	3°50	0° 1	0°55	16°11	n.a.	F 15
S 16	16 44 31	10°12'54	13°22	1♋ 1	13°34	22°19	7°47	9°32	14°20	27°50	3°48	29♊57	0°51	16°18	n.a.	S 16
S 17	16 48 28	11°10'09	25°17	2°36	14°48	22°58	7°46	9°40	14°18	27°49	3°47	29°55	0°48	16°25	n.a.	S 17
M18	16 52 24	12° 7'26	7♐ 8	4°10	16° 2	23°37	7°45	9°48	14°16	27°48	3°45	29°53	0°45	16°31	n.a.	M18
T 19	16 56 21	13° 4'43	18°57	5°42	17°16	24°16	7°43	9°55	14°14	27°47	3°44	29°51	0°42	16°38	n.a.	T 19
W20	17 0 17	14° 2'01	0♑45	7°12	18°30	24°55	7°41	10° 3	14°12	27°46	3°42	29°D51	0°39	16°45	n.a.	W20
T 21	17 4 14	14°59'20	12°35	8°41	19°44	25°34	7°39	10°11	14°10	27°45	3°41	29°51	0°36	16°51	n.a.	T 21
F 22	17 8 10	15°56'40	24°29	10° 8	20°58	26°13	7°37	10°19	14° 8	27°44	3°40	29°52	0°32	16°58	n.a.	F 22
S 23	17 12 7	16°54'02	6♒32	11°32	22°12	26°51	7°35	10°26	14° 6	27°43	3°38	29°54	0°29	17° 5	n.a.	S 23
S 24	17 16 3	17°51'25	18°45	12°55	23°26	27°30	7°32	10°34	14° 4	27°42	3°37	29°55	0°26	17°11	n.a.	S 24
M25	17 20 0	18°48'49	1♓14	14°16	24°40	28° 9	7°29	10°42	14° 2	27°40	3°35	29°56	0°23	17°18	n.a.	M25
T 26	17 23 57	19°46'15	14° 1	15°35	25°54	28°48	7°26	10°49	14° 0	27°39	3°34	29°R56	0°20	17°25	n.a.	T 26
W27	17 27 53	20°43'42	27°11	16°52	27° 8	29°26	7°23	10°57	13°58	27°38	3°33	29°56	0°16	17°31	n.a.	W27
T 28	17 31 50	21°41'11	10♈45	18° 7	28°22	0♊ 5	7°20	11° 5	13°56	27°37	3°31	29°56	0°13	17°38	n.a.	T 28
F 29	17 35 46	22°38'42	24°45	19°20	29°36	0°44	7°17	11°13	13°53	27°35	3°30	29°55	0°10	17°44	n.a.	F 29
S 30	17 39 43	23♊36'14	9♉10	20♋31	0♋51	1♊22	7♒13	11♊20	13♑51	27♑34	3♐28	29♊54	0♋ 7	17♐51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n35	1n48	5s 0	22n57	1n45	19n33	0n11	16n 4	0n13	19s53	1s16	21n23	0s35	23s37	0s35	21s42	0s48	21s15	0n 7	23n52	23n51	21s28		n.a.
S 2	19 48	7 41	4 30	23 23	1 48	19 54	0 14	16 17	0 14	19 53	1 16	21 25	0 35	23 37	0 35	21 42	0 48	21 15	0 7	23 52	23 51	21 29		n.a.
S 3	20 2	13 17	3 40	23 47	1 51	20 13	0 16	16 30	0 15	19 53	1 17	21 26	0 35	23 37	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 31		n.a.
M 4	20 14	18 8	2 34	24 8	1 53	20 32	0 18	16 42	0 15	19 53	1 17	21 27	0 35	23 38	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 33		n.a.
T 5	20 27	21 48	1 18	24 27	1 55	20 51	0 21	16 55	0 16	19 53	1 17	21 29	0 35	23 38	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 34		n.a.
W 6	20 39	23 56	0n 4	24 43	1 55	21 9	0 23	17 7	0 16	19 53	1 18	21 30	0 35	23 38	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 36		n.a.
T 7	20 51	24 20	1 24	24 57	1 56	21 26	0 25	17 19	0 17	19 53	1 18	21 31	0 35	23 38	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 37		n.a.
F 8	21 3	23 3	2 37	25 9	1 55	21 43	0 27	17 31	0 18	19 54	1 18	21 33	0 35	23 38	0 35	21 43	0 48	21 14	0 6	23 52	23 51	21 39		n.a.
S 9	21 14	20 21	3 39	25 18	1 54	21 59	0 30	17 43	0 18	19 54	1 19	21 34	0 34	23 39	0 35	21 44	0 48	21 13	0 6	23 52	23 52	21 40		n.a.
S 10	21 25	16 35	4 26	25 25	1 52	22 15	0 32	17 55	0 19	19 54	1 19	21 35	0 34	23 39	0 36	21 44	0 48	21 13	0 6	23 52	23 52	21 42		n.a.
M11	21 35	12 5	4 58	25 29	1 50	22 29	0 34	18 6	0 19	19 54	1 19	21 37	0 34	23 39	0 36	21 44	0 48	21 13	0 6	23 52	23 52	21 44		n.a.
T 12	21 46	7 10	5 13	25 32	1 48	22 44	0 36	18 18	0 20	19 55	1 20	21 38	0 34	23 39	0 36	21 44	0 48	21 13	0 6	23 52	23 52	21 45		n.a.
W13	21 55	2 3	5 13	25 32	1 44	22 57	0 38	18 29	0 20	19 55	1 20	21 39	0 34	23 39	0 36	21 44	0 48	21 13	0 5	23 52	23 52	21 47		n.a.
T 14	22 5	3s 2	4 58	25 31	1 41	23 10	0 40	18 40	0 21	19 56	1 20	21 40	0 34	23 40	0 36	21 45	0 48	21 12	0 5	23 52	23 52	21 48		n.a.
F 15	22 14	7 56	4 29	25 28	1 36	23 23	0 42	18 51	0 22	19 56	1 21	21 42	0 34	23 40	0 36	21 45	0 48	21 12	0 5	23 52	23 52	21 50		n.a.
S 16	22 23	12 29	3 49	25 23	1 32	23 34	0 45	19 2	0 22	19 57	1 21	21 43	0 34	23 40	0 36	21 45	0 48	21 12	0 5	23 52	23 52	21 51		n.a.
S 17	22 31	16 31	3 0	25 17	1 26	23 45	0 47	19 13	0 23	19 58	1 21	21 44	0 34	23 40	0 36	21 45	0 48	21 12	0 5	23 52	23 52	21 53		n.a.
M18	22 39	19 53	2 2	25 9	1 21	23 55	0 49	19 23	0 23	19 58	1 22	21 46	0 34	23 41	0 36	21 46	0 48	21 12	0 5	23 52	23 52	21 54		n.a.
T 19	22 46	22 24	1 0	24 59	1 15	24 5	0 50	19 34	0 24	19 59	1 22	21 47	0 34	23 41	0 36	21 46	0 48	21 11	0 5	23 52	23 52	21 56		n.a.
W20	22 53	23 57	0s 5	24 48	1 8	24 14	0 52	19 44	0 25	20 0	1 22	21 48	0 33	23 41	0 36	21 46	0 48	21 11	0 5	23 52	23 52	21 57		n.a.
T 21	23 0	24 25	1 10	24 36	1 1	24 22	0 54	19 54	0 25	20 1	1 23	21 49	0 33	23 41	0 36	21 46	0 48	21 11	0 5	23 52	23 52	21 59		n.a.
F 22	23 6	23 46	2 12	24 22	0 54	24 29	0 56	20 4	0 26	20 2	1 23	21 50	0 33	23 42	0 36	21 47	0 49	21 11	0 5	23 52	23 52	22 0		n.a.
S 23	23 12	22 2	3 10	24 8	0 47	24 36	0 58	20 14	0 26	20 2	1 23	21 52	0 33	23 42	0 36	21 47	0 49	21 11	0 5	23 52	23 52	22 2		n.a.
S 24	23 18	19 15	3 59	23 52	0 39	24 41	1 0	20 23	0 27	20 3	1 24	21 53	0 33	23 42	0 36	21 47	0 49	21 11	0 4	23 52	23 52	22 3		n.a.
M25	23 23	15 33	4 39	23 35	0 30	24 47	1 1	20 33	0 28	20 4	1 24	21 54	0 33	23 42	0 36	21 47	0 49	21 10	0 4	23 52	23 52	22 5		n.a.
T 26	23 28	11 4	5 5	23 18	0 22	24 51	1 3	20 42	0 28	20 6	1 24	21 55	0 33	23 42	0 36	21 48	0 49	21 10	0 4	23 52	23 52	22 6		n.a.
W27	23 32	5 58	5 17	22 59	0 13	24 55	1 5	20 51	0 29	20 7	1 25	21 56	0 33	23 43	0 36	21 48	0 49	21 10	0 4	23 52	23 52	22 8		n.a.
T 28	23 36	0 27	5 12	22 40	0 4	24 57	1 6	21 0	0 29	20 8	1 25	21 58	0 33	23 43	0 36	21 48	0 49	21 10	0 4	23 52	23 52	22 9		n.a.
F 29	23 39	5n17	4 48	22 21	0s 6	25 0	1 8	21 9	0 30	20 9	1 25	21 59	0 33	23 43	0 36	21 48	0 49	21 10	0 4	23 52	23 52	22 11		n.a.
S 30	23n42	10n55	4s 6	22n 1	0s16	25n 1	1n 9	21n18	0n30	20s10	1s26	22n 0	0s33	23s43	0s36	21s49	0s49	21s10	0n 4	23n52	23n52	22s12		n.a.

Julian Day Number = 1194518.5, Delta T = 09h28m47s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'48, Lahiri = -23°51'48 Julian Calendar 1 June 1443 BCE == Greg. Calendar 19 May 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

JULY 1443 BCE (-1442) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 43 39	24♊33'47	23♉57	21♋39	2♋ 5	2♊ 1	7°R 9	11♊28	13°R49	27°R33	3°R27	29°R54	0♋ 4	17♐58	n.a.	S 1
M 2	17 47 36	25°31'22	9♊ 0	22°45	3°19	2°40	7♒ 5	11°36	13♉47	27♉32	3♐26	29♊53	0° 1	18° 4	n.a.	M 2
T 3	17 51 32	26°28'59	24°10	23°49	4°33	3°18	7° 1	11°43	13°45	27°30	3°24	29°D53	29♊57	18°11	n.a.	T 3
W 4	17 55 29	27°26'37	9♋18	24°50	5°47	3°57	6°56	11°51	13°42	27°29	3°23	29°53	29°54	18°18	n.a.	W 4
T 5	17 59 26	28°24'17	24°16	25°48	7° 2	4°35	6°52	11°58	13°40	27°27	3°22	29°53	29°51	18°24	n.a.	T 5
F 6	18 3 22	29°21'58	8♌55	26°43	8°16	5°14	6°47	12° 6	13°38	27°26	3°21	29°53	29°48	18°31	n.a.	F 6
S 7	18 7 19	0♋19'40	23°11	27°36	9°30	5°52	6°42	12°13	13°35	27°25	3°19	29°R53	29°45	18°38	n.a.	S 7
S 8	18 11 15	1°17'23	7♍ 0	28°25	10°44	6°30	6°37	12°21	13°33	27°23	3°18	29°53	29°42	18°44	n.a.	S 8
M 9	18 15 12	2°15'08	20°23	29°11	11°59	7° 9	6°32	12°28	13°31	27°22	3°17	29°53	29°38	18°51	n.a.	M 9
T 10	18 19 8	3°12'54	3♎21	29°54	13°13	7°47	6°26	12°36	13°28	27°20	3°16	29°D53	29°35	18°58	n.a.	T 10
W11	18 23 5	4°10'41	15°58	0♏32	14°27	8°25	6°21	12°43	13°26	27°19	3°14	29°53	29°32	19° 4	n.a.	W11
T 12	18 27 1	5° 8'29	28°17	1° 7	15°42	9° 4	6°15	12°51	13°24	27°17	3°13	29°53	29°29	19°11	n.a.	T 12
F 13	18 30 58	6° 6'19	10♏22	1°38	16°56	9°42	6° 9	12°58	13°21	27°16	3°12	29°54	29°26	19°18	n.a.	F 13
S 14	18 34 55	7° 4'11	22°18	2° 4	18°10	10°20	6° 3	13° 5	13°19	27°14	3°11	29°55	29°22	19°24	n.a.	S 14
S 15	18 38 51	8° 2'04	4♐ 9	2°26	19°24	10°58	5°57	13°13	13°17	27°13	3°10	29°55	29°19	19°31	n.a.	S 15
M16	18 42 48	8°59'58	15°56	2°42	20°39	11°36	5°51	13°20	13°14	27°11	3° 9	29°56	29°16	19°38	n.a.	M16
T 17	18 46 44	9°57'55	27°45	2°54	21°53	12°14	5°45	13°27	13°12	27°10	3° 7	29°R56	29°13	19°44	n.a.	T 17
W18	18 50 41	10°55'53	9♑36	3° 0	23° 7	12°52	5°38	13°35	13°10	27° 8	3° 6	29°56	29°10	19°51	n.a.	W18
T 19	18 54 37	11°53'52	21°33	3°R 0	24°22	13°30	5°32	13°42	13° 7	27° 7	3° 5	29°56	29° 7	19°57	n.a.	T 19
F 20	18 58 34	12°51'54	3♒37	2°55	25°36	14° 8	5°25	13°49	13° 5	27° 5	3° 4	29°54	29° 3	20° 4	n.a.	F 20
S 21	19 2 30	13°49'58	15°50	2°43	26°50	14°46	5°18	13°56	13° 2	27° 3	3° 3	29°52	29° 0	20°11	n.a.	S 21
S 22	19 6 27	14°48'03	28°15	2°26	28° 5	15°24	5°11	14° 3	13° 0	27° 2	3° 2	29°50	28°57	20°17	n.a.	S 22
M23	19 10 24	15°46'10	10♓52	2° 2	29°19	16° 2	5° 4	14°10	12°58	27° 0	3° 1	29°48	28°54	20°24	n.a.	M23
T 24	19 14 20	16°44'20	23°45	1°32	0♏33	16°40	4°57	14°17	12°55	26°59	3° 0	29°46	28°51	20°31	n.a.	T 24
W25	19 18 17	17°42'32	6♈55	0°56	1°48	17°18	4°50	14°24	12°53	26°57	2°59	29°45	28°48	20°37	n.a.	W25
T 26	19 22 13	18°40'46	20°24	0°14	3° 2	17°56	4°42	14°31	12°50	26°55	2°58	29°D45	28°44	20°44	n.a.	T 26
F 27	19 26 10	19°39'02	4♉14	29♋27	4°17	18°34	4°35	14°38	12°48	26°54	2°57	29°45	28°41	20°51	n.a.	F 27
S 28	19 30 6	20°37'20	18°24	28°36	5°31	19°11	4°27	14°45	12°46	26°52	2°57	29°47	28°38	20°57	n.a.	S 28
S 29	19 34 3	21°35'41	2♊54	27°40	6°45	19°49	4°20	14°51	12°43	26°50	2°56	29°48	28°35	21° 4	n.a.	S 29
M30	19 37 59	22°34'04	17°39	26°42	8° 0	20°27	4°12	14°58	12°41	26°49	2°55	29°49	28°32	21°11	n.a.	M30
T 31	19 41 56	23♋32'29	2♋35	25♋42	9♌14	21♊ 5	4♒ 4	15♊ 5	12♉39	26♉47	2♐54	29°R49	28♊28	21♐17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n45	16n 5	3s 7	21n40	0s26	25n 1	1n11	21n26	0n31	20s12	1s26	22n 1	0s33	23s44	0s36	21s49	0s49	21s 9	0n 4	23n52	23n52	22s14			n.a.
M 2	23 47	20 19	1 54	21 19	0 36	25 1	1 12	21 35	0 32	20 13	1 26	22 2	0 33	23 44	0 36	21 49	0 49	21 9	0 4	23 52	23 52	22 15			n.a.
T 3	23 49	23 12	0 32	20 58	0 46	25 0	1 13	21 43	0 32	20 14	1 26	22 3	0 32	23 44	0 36	21 50	0 49	21 9	0 4	23 52	23 52	22 17			n.a.
W 4	23 50	24 24	0n52	20 37	0 57	24 59	1 15	21 51	0 33	20 16	1 27	22 4	0 32	23 44	0 36	21 50	0 49	21 9	0 3	23 52	23 52	22 18			n.a.
T 5	23 51	23 48	2 12	20 15	1 8	24 56	1 16	21 59	0 33	20 17	1 27	22 6	0 32	23 45	0 36	21 50	0 49	21 9	0 3	23 52	23 52	22 20			n.a.
F 6	23 52	21 34	3 20	19 54	1 19	24 53	1 17	22 7	0 34	20 19	1 27	22 7	0 32	23 45	0 36	21 51	0 49	21 9	0 3	23 52	23 52	22 21			n.a.
S 7	23 52	18 2	4 15	19 33	1 30	24 49	1 18	22 14	0 35	20 20	1 28	22 8	0 32	23 45	0 36	21 51	0 49	21 8	0 3	23 52	23 52	22 23			n.a.
S 8	23 51	13 37	4 53	19 12	1 41	24 44	1 19	22 21	0 35	20 22	1 28	22 9	0 32	23 46	0 36	21 51	0 49	21 8	0 3	23 52	23 52	22 24			n.a.
M 9	23 51	8 40	5 13	18 51	1 52	24 39	1 20	22 29	0 36	20 24	1 28	22 10	0 32	23 46	0 36	21 51	0 49	21 8	0 3	23 52	23 52	22 25			n.a.
T 10	23 49	3 29	5 17	18 31	2 4	24 32	1 21	22 36	0 36	20 25	1 29	22 11	0 32	23 46	0 36	21 52	0 49	21 8	0 3	23 52	23 52	22 27			n.a.
W11	23 48	1s42	5 5	18 12	2 15	24 25	1 22	22 42	0 37	20 27	1 29	22 12	0 32	23 46	0 36	21 52	0 49	21 8	0 3	23 52	23 52	22 28			n.a.
T 12	23 46	6 42	4 40	17 53	2 26	24 17	1 23	22 49	0 37	20 29	1 29	22 13	0 32	23 47	0 36	21 52	0 49	21 8	0 3	23 52	23 52	22 30			n.a.
F 13	23 43	11 22	4 2	17 35	2 38	24 9	1 23	22 56	0 38	20 30	1 29	22 14	0 32	23 47	0 36	21 53	0 49	21 8	0 3	23 52	23 52	22 31			n.a.
S 14	23 40	15 33	3 14	17 19	2 49	24 0	1 24	23 2	0 39	20 32	1 30	22 15	0 32	23 47	0 36	21 53	0 49	21 7	0 2	23 52	23 52	22 33			n.a.
S 15	23 37	19 5	2 18	17 3	3 0	23 50	1 25	23 8	0 39	20 34	1 30	22 16	0 32	23 47	0 36	21 53	0 49	21 7	0 2	23 52	23 52	22 34			n.a.
M16	23 33	21 50	1 17	16 49	3 10	23 39	1 25	23 14	0 40	20 36	1 30	22 17	0 32	23 48	0 36	21 54	0 49	21 7	0 2	23 52	23 52	22 35			n.a.
T 17	23 29	23 39	0 12	16 36	3 21	23 28	1 26	23 20	0 40	20 38	1 30	22 18	0 31	23 48	0 36	21 54	0 49	21 7	0 2	23 52	23 52	22 37			n.a.
W18	23 24	24 24	0s53	16 25	3 31	23 15	1 26	23 25	0 41	20 39	1 31	22 19	0 31	23 48	0 36	21 54	0 49	21 7	0 2	23 52	23 52	22 38			n.a.
T 19	23 19	24 2	1 57	16 16	3 40	23 3	1 27	23 31	0 42	20 41	1 31	22 20	0 31	23 48	0 36	21 55	0 49	21 7	0 2	23 52	23 52	22 40			n.a.
F 20	23 14	22 32	2 56	16 9	3 49	22 49	1 27	23 36	0 42	20 43	1 31	22 21	0 31	23 49	0 36	21 55	0 49	21 7	0 2	23 52	23 52	22 41			n.a.
S 21	23 8	19 59	3 48	16 4	3 57	22 35	1 27	23 41	0 43	20 45	1 31	22 22	0 31	23 49	0 36	21 55	0 49	21 7	0 2	23 52	23 52	22 42			n.a.
S 22	23 2	16 30	4 29	16 1	4 4	22 20	1 27	23 46	0 43	20 47	1 32	22 23	0 31	23 49	0 36	21 56	0 49	21 7	0 2	23 52	23 52	22 44			n.a.
M23	22 55	12 13	4 59	16 0	4 9	22 5	1 27	23 51	0 44	20 49	1 32	22 24	0 31	23 49	0 36	21 56	0 49	21 6	0 2	23 52	23 52	22 45			n.a.
T 24	22 48	7 19	5 14	16 3	4 14	21 48	1 27	23 55	0 44	20 51	1 32	22 24	0 31	23 49	0 36	21 56	0 49	21 6	0 1	23 52	23 52	22 46			n.a.
W25	22 40	2 0	5 14	16 7	4 17	21 32	1 27	24 0	0 45	20 53	1 32	22 25	0 31	23 50	0 36	21 57	0 49	21 6	0 1	23 52	23 52	22 48			n.a.
T 26	22 32	3n33	4 56	16 14	4 19	21 14	1 27	24 4	0 46	20 55	1 32	22 26	0 31	23 50	0 36	21 57	0 49	21 6	0 1	23 52	23 51	22 49			n.a.
F 27	22 24	9 4	4 21	16 24	4 19	20 56	1 27	24 8	0 46	20 57	1 33	22 27	0 31	23 50	0 36	21 57	0 49	21 6	0 1	23 52	23 51	22 50			n.a.
S 28	22 15	14 16	3 29	16 36	4 18	20 38	1 27	24 12	0 47	20 59	1 33	22 28	0 31	23 50	0 36	21 58	0 49	21 6	0 1	23 52	23 51	22 52			n.a.
S 29	22 6	18 46	2 23	16 51	4 14	20 18	1 26	24 15	0 47	21 1	1 33	22 29	0 31	23 51	0 36	21 58	0 49	21 6	0 1	23 52	23 51	22 53			n.a.
M30	21 56	22 10	1 7	17 8	4 8	19 59	1 26	24 19	0 48	21 3	1 33	22 30	0 31	23 51	0 36	21 58	0 49	21 6	0 1	23 52	23 51	22 54			n.a.
T 31	21n46	24n 6	0n15	17n26	4s 1	19n38	1n26	24n22	0n49	21s 5	1s33	22n30	0s31	23s51	0s36	21s59	0s49	21s 6	0n 1	23n52	23n51	22s56			n.a.

Julian Day Number = 1194548.5, Delta T = 09h28m46s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'44, Lahiri = -23°51'43 Julian Calendar 1 July 1443 BCE == Greg. Calendar 18 June 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

AUGUST 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 45 53	24♋30'57	17♋35	24°R42	10♌29	21♊42	3°R57	15♊12	12°R36	26°R45	2°R53	29°R48	28♊25	21♐24	n.a.	W 1
T 2	19 49 49	25°29'26	2♌28	23♋42	11°43	22°20	3♒49	15°18	12♉34	26♉44	2♐53	29♊46	28°22	21°31	n.a.	T 2
F 3	19 53 46	26°27'58	17° 9	22°45	12°57	22°58	3°41	15°25	12°32	26°42	2°52	29°43	28°19	21°37	n.a.	F 3
S 4	19 57 42	27°26'31	1♍29	21°52	14°12	23°35	3°33	15°31	12°29	26°40	2°51	29°39	28°16	21°44	n.a.	S 4
S 5	20 1 39	28°25'06	15°25	21° 3	15°26	24°13	3°25	15°38	12°27	26°39	2°50	29°35	28°13	21°50	n.a.	S 5
M 6	20 5 35	29°23'43	28°54	20°21	16°41	24°50	3°17	15°44	12°25	26°37	2°50	29°31	28° 9	21°57	n.a.	M 6
T 7	20 9 32	0♌22'22	11♎56	19°46	17°55	25°28	3° 9	15°50	12°23	26°36	2°49	29°29	28° 6	22° 4	n.a.	T 7
W 8	20 13 28	1°21'03	24°35	19°19	19°10	26° 5	3° 1	15°56	12°20	26°34	2°49	29°27	28° 3	22°10	n.a.	W 8
T 9	20 17 25	2°19'46	6♏54	19° 1	20°24	26°43	2°53	16° 3	12°18	26°32	2°48	29°D27	28° 0	22°17	n.a.	T 9
F 10	20 21 22	3°18'30	18°58	18°D52	21°38	27°20	2°45	16° 9	12°16	26°31	2°47	29°28	27°57	22°24	n.a.	F 10
S 11	20 25 18	4°17'16	0♐52	18°53	22°53	27°57	2°37	16°15	12°14	26°29	2°47	29°30	27°54	22°30	n.a.	S 11
S 12	20 29 15	5°16'05	12°40	19° 4	24° 7	28°35	2°29	16°21	12°12	26°27	2°46	29°31	27°50	22°37	n.a.	S 12
M13	20 33 11	6°14'55	24°28	19°25	25°21	29°12	2°21	16°27	12°10	26°26	2°46	29°R32	27°47	22°44	n.a.	M13
T 14	20 37 8	7°13'47	6♑19	19°54	26°36	29°49	2°13	16°33	12° 7	26°24	2°45	29°32	27°44	22°50	n.a.	T 14
W15	20 41 4	8°12'42	18°16	20°33	27°50	0♋26	2° 5	16°38	12° 5	26°22	2°45	29°31	27°41	22°57	n.a.	W15
T 16	20 45 1	9°11'38	0♒22	21°21	29° 5	1° 4	1°57	16°44	12° 3	26°21	2°45	29°27	27°38	23° 4	n.a.	T 16
F 17	20 48 57	10°10'36	12°40	22°17	0♍19	1°41	1°50	16°50	12° 1	26°19	2°44	29°21	27°34	23°10	n.a.	F 17
S 18	20 52 54	11° 9'37	25° 9	23°20	1°33	2°18	1°42	16°56	11°59	26°18	2°44	29°14	27°31	23°17	n.a.	S 18
S 19	20 56 50	12° 8'40	7♓51	24°29	2°48	2°55	1°34	17° 1	11°57	26°16	2°44	29° 7	27°28	23°24	n.a.	S 19
M20	21 0 47	13° 7'45	20°46	25°45	4° 2	3°32	1°26	17° 7	11°55	26°14	2°43	28°59	27°25	23°30	n.a.	M20
T 21	21 4 44	14° 6'53	3♈54	27° 6	5°16	4° 9	1°19	17°12	11°53	26°13	2°43	28°52	27°22	23°37	n.a.	T 21
W22	21 8 40	15° 6'03	17°14	28°32	6°31	4°46	1°11	17°17	11°52	26°11	2°43	28°47	27°19	23°43	n.a.	W22
T 23	21 12 37	16° 5'15	0♉47	0♌ 2	7°45	5°23	1° 4	17°22	11°50	26°10	2°43	28°44	27°15	23°50	n.a.	T 23
F 24	21 16 33	17° 4'30	14°33	1°36	8°59	6° 0	0°56	17°28	11°48	26° 8	2°43	28°D43	27°12	23°57	n.a.	F 24
S 25	21 20 30	18° 3'47	28°33	3°12	10°14	6°37	0°49	17°33	11°46	26° 7	2°42	28°43	27° 9	24° 3	n.a.	S 25
S 26	21 24 26	19° 3'07	12♊45	4°51	11°28	7°14	0°42	17°38	11°44	26° 5	2°42	28°44	27° 6	24°10	n.a.	S 26
M27	21 28 23	20° 2'30	27° 9	6°32	12°42	7°51	0°35	17°43	11°43	26° 4	2°42	28°R45	27° 3	24°17	n.a.	M27
T 28	21 32 19	21° 1'55	11♋41	8°14	13°57	8°28	0°28	17°48	11°41	26° 2	2°42	28°44	27° 0	24°23	n.a.	T 28
W29	21 36 16	22° 1'23	26°18	9°58	15°11	9° 4	0°21	17°52	11°39	26° 1	2°D42	28°42	26°56	24°30	n.a.	W29
T 30	21 40 12	23° 0'52	10♌54	11°42	16°25	9°41	0°14	17°57	11°38	25°59	2°42	28°36	26°53	24°37	n.a.	T 30
F 31	21 44 9	24♌ 0'24	25♌21	13♌27	17♍40	10♋18	0♒ 7	18♊ 2	11♑36	25♑58	2♐42	28♊29	26♊50	24♐43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	21n36	24n17	1n36	17n47	3s51	19n17	1n25	24n25	0n49	21s 7	1s33	22n31	0s31	23s51	0s36	21s59	0s49	21s 6	0n 1	23n52	23n51	22s57			n.a.
T 2	21 25	22 43	2 50	18 8	3 39	18 56	1 25	24 28	0 50	21 9	1 34	22 32	0 30	23 52	0 36	21 59	0 49	21 6	0 1	23 52	23 51	22 58			n.a.
F 3	21 14	19 38	3 51	18 31	3 26	18 34	1 24	24 31	0 50	21 11	1 34	22 33	0 30	23 52	0 36	22 0	0 49	21 6	0 1	23 52	23 51	23 0			n.a.
S 4	21 3	15 26	4 37	18 55	3 11	18 11	1 23	24 33	0 51	21 13	1 34	22 34	0 30	23 52	0 36	22 0	0 49	21 6	0 0	23 52	23 51	23 1			n.a.
S 5	20 51	10 30	5 4	19 18	2 55	17 48	1 22	24 36	0 52	21 15	1 34	22 34	0 30	23 52	0 36	22 0	0 49	21 6	0 0	23 52	23 51	23 2			n.a.
M 6	20 38	5 13	5 13	19 42	2 38	17 25	1 22	24 38	0 52	21 17	1 34	22 35	0 30	23 52	0 36	22 1	0 49	21 6	0 0	23 52	23 51	23 4			n.a.
T 7	20 26	0s 7	5 6	20 5	2 20	17 1	1 21	24 40	0 53	21 19	1 34	22 36	0 30	23 53	0 36	22 1	0 50	21 5	0 0	23 52	23 51	23 5			n.a.
W 8	20 13	5 18	4 44	20 27	2 1	16 36	1 20	24 42	0 53	21 21	1 34	22 36	0 30	23 53	0 36	22 1	0 50	21 5	0 0	23 52	23 51	23 6			n.a.
T 9	19 59	10 8	4 9	20 48	1 42	16 11	1 19	24 43	0 54	21 23	1 34	22 37	0 30	23 53	0 36	22 2	0 50	21 5	0s 0	23 52	23 51	23 7			n.a.
F 10	19 46	14 30	3 24	21 8	1 23	15 46	1 18	24 45	0 54	21 25	1 34	22 38	0 30	23 53	0 36	22 2	0 50	21 5	0 0	23 52	23 51	23 9			n.a.
S 11	19 32	18 15	2 30	21 27	1 4	15 20	1 16	24 46	0 55	21 27	1 35	22 39	0 30	23 53	0 36	22 2	0 50	21 5	0 0	23 52	23 51	23 10			n.a.
S 12	19 17	21 13	1 31	21 43	0 46	14 54	1 15	24 47	0 56	21 29	1 35	22 39	0 30	23 54	0 36	22 3	0 50	21 5	0 0	23 52	23 51	23 11			n.a.
M13	19 3	23 17	0 28	21 58	0 28	14 27	1 14	24 48	0 56	21 31	1 35	22 40	0 30	23 54	0 36	22 3	0 50	21 5	0 0	23 52	23 51	23 12			n.a.
T 14	18 47	24 19	0s37	22 10	0 11	14 0	1 13	24 49	0 57	21 33	1 35	22 41	0 30	23 54	0 36	22 3	0 50	21 5	0 1	23 52	23 51	23 14			n.a.
W15	18 32	24 15	1 40	22 20	0n 5	13 33	1 11	24 49	0 57	21 35	1 35	22 41	0 30	23 54	0 36	22 4	0 50	21 5	0 1	23 52	23 51	23 15			n.a.
T 16	18 16	23 2	2 40	22 27	0 20	13 5	1 10	24 50	0 58	21 37	1 35	22 42	0 30	23 54	0 36	22 4	0 50	21 5	0 1	23 52	23 51	23 16			n.a.
F 17	18 0	20 42	3 33	22 32	0 33	12 37	1 8	24 50	0 59	21 39	1 35	22 42	0 30	23 55	0 36	22 4	0 50	21 5	0 1	23 52	23 51	23 17			n.a.
S 18	17 44	17 22	4 16	22 34	0 46	12 9	1 7	24 50	0 59	21 40	1 35	22 43	0 30	23 55	0 36	22 5	0 50	21 5	0 1	23 52	23 50	23 19			n.a.
S 19	17 27	13 12	4 48	22 33	0 58	11 40	1 5	24 50	1 0	21 42	1 35	22 44	0 30	23 55	0 36	22 5	0 50	21 6	0 1	23 52	23 50	23 20			n.a.
M20	17 10	8 23	5 5	22 29	1 8	11 11	1 3	24 49	1 0	21 44	1 35	22 44	0 30	23 55	0 36	22 5	0 50	21 6	0 1	23 52	23 50	23 21			n.a.
T 21	16 53	3 7	5 7	22 22	1 17	10 42	1 1	24 49	1 1	21 46	1 35	22 45	0 29	23 55	0 36	22 6	0 50	21 6	0 1	23 52	23 50	23 22			n.a.
W22	16 36	2n23	4 53	22 13	1 26	10 12	1 0	24 48	1 2	21 47	1 35	22 45	0 29	23 55	0 36	22 6	0 50	21 6	0 1	23 52	23 50	23 23			n.a.
T 23	16 18	7 52	4 22	22 0	1 33	9 42	0 58	24 47	1 2	21 49	1 35	22 46	0 29	23 56	0 36	22 6	0 50	21 6	0 1	23 52	23 50	23 25			n.a.
F 24	16 0	13 4	3 35	21 45	1 39	9 12	0 56	24 46	1 3	21 51	1 35	22 47	0 29	23 56	0 36	22 6	0 50	21 6	0 1	23 51	23 50	23 26			n.a.
S 25	15 41	17 40	2 36	21 28	1 43	8 42	0 54	24 45	1 3	21 52	1 35	22 47	0 29	23 56	0 36	22 7	0 50	21 6	0 2	23 51	23 50	23 27			n.a.
S 26	15 23	21 19	1 25	21 8	1 47	8 11	0 52	24 44	1 4	21 54	1 35	22 48	0 29	23 56	0 36	22 7	0 50	21 6	0 2	23 52	23 50	23 28			n.a.
M27	15 4	23 41	0 9	20 45	1 50	7 40	0 50	24 42	1 5	21 56	1 35	22 48	0 29	23 56	0 36	22 7	0 50	21 6	0 2	23 52	23 50	23 29			n.a.
T 28	14 44	24 29	1n 9	20 20	1 53	7 9	0 48	24 40	1 5	21 57	1 35	22 49	0 29	23 56	0 36	22 8	0 50	21 6	0 2	23 52	23 50	23 31			n.a.
W29	14 25	23 36	2 23	19 53	1 54	6 38	0 45	24 38	1 6	21 59	1 35	22 49	0 29	23 56	0 36	22 8	0 50	21 6	0 2	23 51	23 50	23 32			n.a.
T 30	14 5	21 6	3 26	19 25	1 55	6 7	0 43	24 36	1 6	22 0	1 35	22 50	0 29	23 57	0 36	22 8	0 50	21 6	0 2	23 51	23 50	23 33			n.a.
F 31	13n45	17n18	4n16	18n54	1n54	5n35	0n41	24n34	1n 7	22s 1	1s35	22n50	0s29	23s57	0s36	22s 8	0s50	21s 6	0s 2	23n51	23n50	23s34			n.a.

Julian Day Number = 1194579.5, Delta T = 09h28m44s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'40, Lahiri = -23°51'39 Julian Calendar 1 Aug. 1443 BCE == Greg. Calendar 19 July 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

SEPTEMBER 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 48 6	24♌59'58	9♍33	15♌12	18♍54	10♋55	0°R 1	18♊ 6	11°R35	25°R57	2♐42	28°R20	26♊47	24♐50	n.a.	S 1
S 2	21 52 2	25°59'35	23°26	16°58	20° 8	11°31	29♑54	18°11	11♑33	25♑55	2°43	28♊10	26°44	24°57	n.a.	S 2
M 3	21 55 59	26°59'13	6♎54	18°43	21°22	12° 8	29°48	18°15	11°32	25°54	2°43	28° 0	26°40	25° 3	n.a.	M 3
T 4	21 59 55	27°58'53	19°59	20°28	22°37	12°44	29°42	18°19	11°30	25°53	2°43	27°53	26°37	25°10	n.a.	T 4
W 5	22 3 52	28°58'35	2♏39	22°13	23°51	13°21	29°36	18°23	11°29	25°51	2°43	27°47	26°34	25°17	n.a.	W 5
T 6	22 7 48	29°58'19	15° 0	23°58	25° 5	13°57	29°30	18°28	11°27	25°50	2°43	27°44	26°31	25°23	n.a.	T 6
F 7	22 11 45	0♍58'05	27° 4	25°42	26°19	14°34	29°24	18°32	11°26	25°49	2°44	27°D42	26°28	25°30	n.a.	F 7
S 8	22 15 41	1°57'53	8♐58	27°26	27°34	15°10	29°18	18°35	11°25	25°47	2°44	27°42	26°25	25°36	n.a.	S 8
S 9	22 19 38	2°57'43	20°46	29° 9	28°48	15°47	29°13	18°39	11°24	25°46	2°44	27°43	26°21	25°43	n.a.	S 9
M10	22 23 34	3°57'34	2♑35	0♍52	0♎ 2	16°23	29° 8	18°43	11°22	25°45	2°44	27°R43	26°18	25°50	n.a.	M10
T 11	22 27 31	4°57'28	14°28	2°34	1°16	16°59	29° 3	18°47	11°21	25°44	2°45	27°42	26°15	25°56	n.a.	T 11
W12	22 31 28	5°57'23	26°31	4°16	2°30	17°36	28°58	18°50	11°20	25°42	2°45	27°38	26°12	26° 3	n.a.	W12
T 13	22 35 24	6°57'21	8♒46	5°57	3°44	18°12	28°53	18°54	11°19	25°41	2°46	27°31	26° 9	26°10	n.a.	T 13
F 14	22 39 21	7°57'20	21°17	7°38	4°59	18°48	28°48	18°57	11°18	25°40	2°46	27°22	26° 6	26°16	n.a.	F 14
S 15	22 43 17	8°57'21	4♓ 5	9°18	6°13	19°24	28°44	19° 0	11°17	25°39	2°47	27°11	26° 2	26°23	n.a.	S 15
S 16	22 47 14	9°57'24	17° 8	10°57	7°27	20° 0	28°40	19° 3	11°16	25°38	2°47	26°59	25°59	26°30	n.a.	S 16
M17	22 51 10	10°57'29	0♈27	12°36	8°41	20°36	28°36	19° 6	11°15	25°37	2°48	26°46	25°56	26°36	n.a.	M17
T 18	22 55 7	11°57'36	13°58	14°14	9°55	21°12	28°32	19° 9	11°15	25°36	2°48	26°35	25°53	26°43	n.a.	T 18
W19	22 59 3	12°57'46	27°39	15°52	11° 9	21°48	28°28	19°12	11°14	25°35	2°49	26°26	25°50	26°50	n.a.	W19
T 20	23 3 0	13°57'57	11♉27	17°29	12°23	22°24	28°25	19°15	11°13	25°34	2°50	26°20	25°46	26°56	n.a.	T 20
F 21	23 6 57	14°58'11	25°22	19° 6	13°37	23° 0	28°21	19°17	11°12	25°33	2°50	26°16	25°43	27° 3	n.a.	F 21
S 22	23 10 53	15°58'28	9♊22	20°42	14°51	23°36	28°18	19°20	11°12	25°32	2°51	26°15	25°40	27° 9	n.a.	S 22
S 23	23 14 50	16°58'46	23°26	22°18	16° 5	24°12	28°15	19°22	11°11	25°31	2°52	26°15	25°37	27°16	n.a.	S 23
M24	23 18 46	17°59'07	7♋34	23°54	17°19	24°48	28°13	19°25	11°11	25°30	2°53	26°15	25°34	27°23	n.a.	M24
T 25	23 22 43	18°59'30	21°44	25°29	18°33	25°24	28°10	19°27	11°10	25°29	2°53	26°13	25°31	27°29	n.a.	T 25
W26	23 26 39	19°59'55	5♌55	27° 3	19°47	25°59	28° 8	19°29	11°10	25°29	2°54	26° 9	25°27	27°36	n.a.	W26
T 27	23 30 36	21° 0'22	20° 4	28°37	21° 1	26°35	28° 6	19°31	11° 9	25°28	2°55	26° 1	25°24	27°43	n.a.	T 27
F 28	23 34 32	22° 0'51	4♍ 6	0♎11	22°15	27°11	28° 4	19°33	11° 9	25°27	2°56	25°51	25°21	27°49	n.a.	F 28
S 29	23 38 29	23° 1'21	17°58	1°45	23°28	27°46	28° 2	19°35	11° 9	25°26	2°57	25°39	25°18	27°56	n.a.	S 29
S 30	23 42 25	24♍ 1'54	1♎35	3♎18	24♎42	28♋22	28♑ 0	19♊36	11♑ 9	25♑26	2♐58	25♊25	25♊15	28♐ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n25	12n34	4n49	18n22	1n54	5n 3	0n39	24n32	1n 8	22s 3	1s35	22n50	0s29	23s57	0s36	22s 9	0s50	21s 6	0s 2	23n51	23n49	23s35		n.a.
S 2	13 5	7 17	5 4	17 49	1 52	4 32	0 36	24 29	1 8	22 4	1 34	22 51	0 29	23 57	0 36	22 9	0 50	21 7	0 2	23 51	23 49	23 36		n.a.
M 3	12 44	1 49	5 1	17 14	1 51	4 0	0 34	24 26	1 9	22 5	1 34	22 51	0 29	23 57	0 36	22 9	0 50	21 7	0 2	23 51	23 49	23 37		n.a.
T 4	12 23	3s35	4 43	16 38	1 48	3 28	0 31	24 24	1 9	22 7	1 34	22 52	0 29	23 57	0 36	22 10	0 50	21 7	0 2	23 51	23 49	23 39		n.a.
W 5	12 2	8 41	4 11	16 0	1 45	2 55	0 29	24 21	1 10	22 8	1 34	22 52	0 29	23 57	0 36	22 10	0 50	21 7	0 3	23 51	23 49	23 40		n.a.
T 6	11 41	13 19	3 28	15 22	1 42	2 23	0 26	24 17	1 11	22 9	1 34	22 53	0 29	23 57	0 36	22 10	0 50	21 7	0 3	23 51	23 49	23 41		n.a.
F 7	11 19	17 19	2 36	14 43	1 38	1 51	0 24	24 14	1 11	22 10	1 34	22 53	0 29	23 57	0 36	22 10	0 50	21 7	0 3	23 51	23 49	23 42		n.a.
S 8	10 58	20 34	1 39	14 3	1 34	1 19	0 21	24 10	1 12	22 11	1 34	22 53	0 29	23 58	0 36	22 10	0 50	21 7	0 3	23 51	23 49	23 43		n.a.
S 9	10 36	22 55	0 37	13 23	1 30	0 46	0 19	24 7	1 12	22 12	1 34	22 54	0 29	23 58	0 36	22 11	0 50	21 8	0 3	23 51	23 49	23 44		n.a.
M10	10 14	24 16	0s26	12 41	1 25	0 14	0 16	24 3	1 13	22 13	1 34	22 54	0 29	23 58	0 36	22 11	0 50	21 8	0 3	23 51	23 49	23 45		n.a.
T 11	9 52	24 31	1 28	11 59	1 21	0s19	0 13	23 59	1 14	22 14	1 34	22 54	0 28	23 58	0 36	22 11	0 50	21 8	0 3	23 51	23 49	23 46		n.a.
W12	9 29	23 38	2 27	11 17	1 15	0 51	0 11	23 55	1 14	22 15	1 33	22 55	0 28	23 58	0 36	22 11	0 50	21 8	0 3	23 51	23 49	23 47		n.a.
T 13	9 7	21 36	3 20	10 34	1 10	1 24	0 8	23 50	1 15	22 16	1 33	22 55	0 28	23 58	0 36	22 12	0 50	21 8	0 3	23 50	23 48	23 49		n.a.
F 14	8 44	18 30	4 4	9 51	1 5	1 56	0 5	23 46	1 16	22 17	1 33	22 56	0 28	23 58	0 36	22 12	0 50	21 8	0 3	23 50	23 48	23 50		n.a.
S 15	8 21	14 29	4 38	9 8	0 59	2 28	0 2	23 41	1 16	22 18	1 33	22 56	0 28	23 58	0 36	22 12	0 50	21 9	0 3	23 50	23 48	23 51		n.a.
S 16	7 58	9 42	4 57	8 24	0 53	3 1	0s 0	23 37	1 17	22 18	1 33	22 56	0 28	23 58	0 36	22 12	0 50	21 9	0 4	23 50	23 48	23 52		n.a.
M17	7 35	4 24	5 1	7 40	0 47	3 33	0 3	23 32	1 17	22 19	1 33	22 56	0 28	23 58	0 36	22 12	0 50	21 9	0 4	23 49	23 48	23 53		n.a.
T 18	7 12	1n11	4 48	6 56	0 41	4 5	0 6	23 27	1 18	22 20	1 33	22 57	0 28	23 58	0 36	22 13	0 50	21 9	0 4	23 49	23 48	23 54		n.a.
W19	6 48	6 48	4 18	6 12	0 35	4 37	0 9	23 21	1 19	22 20	1 32	22 57	0 28	23 58	0 36	22 13	0 49	21 9	0 4	23 49	23 48	23 55		n.a.
T 20	6 25	12 9	3 33	5 28	0 28	5 9	0 12	23 16	1 19	22 21	1 32	22 57	0 28	23 58	0 36	22 13	0 49	21 10	0 4	23 49	23 48	23 56		n.a.
F 21	6 1	16 56	2 36	4 43	0 22	5 41	0 15	23 11	1 20	22 21	1 32	22 58	0 28	23 58	0 36	22 13	0 49	21 10	0 4	23 49	23 48	23 57		n.a.
S 22	5 38	20 48	1 28	3 59	0 15	6 13	0 18	23 5	1 21	22 22	1 32	22 58	0 28	23 58	0 36	22 13	0 49	21 10	0 4	23 49	23 48	23 58		n.a.
S 23	5 14	23 27	0 15	3 15	0 9	6 45	0 20	22 59	1 21	22 22	1 32	22 58	0 28	23 58	0 36	22 13	0 49	21 10	0 4	23 49	23 47	23 59		n.a.
M24	4 50	24 38	1n 0	2 30	0 2	7 16	0 23	22 53	1 22	22 23	1 32	22 58	0 28	23 58	0 35	22 14	0 49	21 11	0 4	23 49	23 47	24 0		n.a.
T 25	4 26	24 13	2 10	1 46	0s 4	7 48	0 26	22 47	1 22	22 23	1 31	22 59	0 28	23 58	0 35	22 14	0 49	21 11	0 4	23 49	23 47	24 1		n.a.
W26	4 2	22 14	3 13	1 2	0 11	8 19	0 29	22 41	1 23	22 23	1 31	22 59	0 28	23 58	0 35	22 14	0 49	21 11	0 5	23 48	23 47	24 2		n.a.
T 27	3 38	18 54	4 4	0 18	0 17	8 50	0 32	22 35	1 24	22 24	1 31	22 59	0 28	23 58	0 35	22 14	0 49	21 11	0 5	23 48	23 47	24 3		n.a.
F 28	3 13	14 30	4 39	0s26	0 24	9 21	0 35	22 28	1 24	22 24	1 31	22 59	0 28	23 59	0 35	22 14	0 49	21 12	0 5	23 48	23 47	24 4		n.a.
S 29	2 49	9 23	4 57	1 10	0 30	9 51	0 38	22 22	1 25	22 24	1 31	22 59	0 28	23 59	0 35	22 14	0 49	21 12	0 5	23 47	23 47	24 5		n.a.
S 30	2n25	3n54	4n58	1s54	0s37	10s22	0s41	22n15	1n26	22s24	1s30	23n 0	0s28	23s59	0s35	22s14	0s49	21s12	0s 5	23n47	23n47	24s 6		n.a.

Julian Day Number = 1194610.5, Delta T = 09h28m42s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'36, Lahiri = -23°51'35 Julian Calendar 1 Sept. 1443 BCE == Greg. Calendar 19 Aug. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

OCTOBER 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 46 22	25♍ 2'28	14♎53	4♎50	25♎56	28♋57	27°R59	19♊38	11°R 8	25°R25	2♐59	25°R12	25♊11	28♐ 9	n.a.	M 1
T 2	23 50 19	26° 3'04	27°51	6°23	27°10	29°32	27♑58	19°39	11♑ 8	25♑24	3° 0	25♊ 1	25° 8	28°16	n.a.	T 2
W 3	23 54 15	27° 3'42	10♏29	7°55	28°24	0♌ 8	27°57	19°41	11° 8	25°24	3° 1	24°52	25° 5	28°23	n.a.	W 3
T 4	23 58 12	28° 4'21	22°49	9°26	29°38	0°43	27°56	19°42	11°D 8	25°23	3° 2	24°46	25° 2	28°29	n.a.	T 4
F 5	0 2 8	29° 5'01	4♐53	10°58	0♏51	1°18	27°56	19°43	11° 8	25°23	3° 3	24°43	24°59	28°36	n.a.	F 5
S 6	0 6 5	0♎ 5'43	16°47	12°29	2° 5	1°54	27°56	19°44	11° 8	25°22	3° 4	24°42	24°56	28°43	n.a.	S 6
S 7	0 10 1	1° 6'26	28°35	14° 0	3°19	2°29	27°D56	19°45	11° 8	25°22	3° 5	24°42	24°52	28°49	n.a.	S 7
M 8	0 13 58	2° 7'11	10♑23	15°30	4°32	3° 4	27°56	19°46	11° 9	25°21	3° 6	24°42	24°49	28°56	n.a.	M 8
T 9	0 17 54	3° 7'57	22°17	17° 0	5°46	3°39	27°56	19°46	11° 9	25°21	3° 7	24°40	24°46	29° 2	n.a.	T 9
W10	0 21 51	4° 8'44	4♒21	18°30	7° 0	4°14	27°57	19°47	11° 9	25°21	3° 9	24°37	24°43	29° 9	n.a.	W10
T 11	0 25 48	5° 9'32	16°42	19°59	8°13	4°49	27°57	19°47	11° 9	25°20	3°10	24°31	24°40	29°16	n.a.	T 11
F 12	0 29 44	6°10'21	29°21	21°28	9°27	5°23	27°58	19°48	11°10	25°20	3°11	24°22	24°37	29°22	n.a.	F 12
S 13	0 33 41	7°11'12	12♓22	22°57	10°40	5°58	28° 0	19°48	11°10	25°20	3°12	24°11	24°33	29°29	n.a.	S 13
S 14	0 37 37	8°12'04	25°43	24°25	11°54	6°33	28° 1	19°R48	11°11	25°20	3°14	23°58	24°30	29°36	n.a.	S 14
M15	0 41 34	9°12'57	9♈24	25°52	13° 7	7° 8	28° 3	19°48	11°11	25°19	3°15	23°46	24°27	29°42	n.a.	M15
T 16	0 45 30	10°13'51	23°21	27°19	14°21	7°42	28° 4	19°48	11°12	25°19	3°16	23°34	24°24	29°49	n.a.	T 16
W17	0 49 27	11°14'47	7♉30	28°46	15°34	8°17	28° 6	19°48	11°13	25°19	3°18	23°25	24°21	29°56	n.a.	W17
T 18	0 53 23	12°15'45	21°44	0♏11	16°48	8°51	28° 9	19°47	11°13	25°19	3°19	23°19	24°17	0♑ 2	n.a.	T 18
F 19	0 57 20	13°16'43	6♊ 0	1°36	18° 1	9°26	28°11	19°47	11°14	25°19	3°20	23°15	24°14	0° 9	n.a.	F 19
S 20	1 1 17	14°17'44	20°15	3° 0	19°14	10° 0	28°14	19°46	11°15	25°D19	3°22	23°D14	24°11	0°16	n.a.	S 20
S 21	1 5 13	15°18'45	4♋25	4°22	20°28	10°34	28°16	19°46	11°16	25°19	3°23	23°14	24° 8	0°22	n.a.	S 21
M22	1 9 10	16°19'49	18°30	5°44	21°41	11° 9	28°19	19°45	11°17	25°19	3°25	23°R14	24° 5	0°29	n.a.	M22
T 23	1 13 6	17°20'53	2♌29	7° 4	22°54	11°43	28°22	19°44	11°17	25°19	3°26	23°13	24° 2	0°35	n.a.	T 23
W24	1 17 3	18°21'59	16°21	8°22	24° 7	12°17	28°26	19°43	11°18	25°19	3°28	23°10	23°58	0°42	n.a.	W24
T 25	1 20 59	19°23'06	0♍ 5	9°38	25°20	12°51	28°29	19°42	11°20	25°19	3°29	23° 4	23°55	0°49	n.a.	T 25
F 26	1 24 56	20°24'14	13°41	10°52	26°33	13°25	28°33	19°40	11°21	25°19	3°31	22°56	23°52	0°55	n.a.	F 26
S 27	1 28 52	21°25'24	27° 6	12° 4	27°47	13°59	28°37	19°39	11°22	25°20	3°32	22°45	23°49	1° 2	n.a.	S 27
S 28	1 32 49	22°26'34	10♎19	13°12	29° 0	14°32	28°41	19°38	11°23	25°20	3°34	22°34	23°46	1° 9	n.a.	S 28
M29	1 36 46	23°27'45	23°18	14°17	0♐13	15° 6	28°46	19°36	11°24	25°20	3°36	22°23	23°42	1°15	n.a.	M29
T 30	1 40 42	24°28'57	6♏ 2	15°18	1°26	15°40	28°50	19°34	11°26	25°21	3°37	22°13	23°39	1°22	n.a.	T 30
W31	1 44 39	25♎30'10	18♏30	16♏15	2♐38	16♌13	28♑55	19♊32	11♑27	25♑21	3♐39	22♊ 6	23♊36	1♑29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	2n 0	1s38	4n43	2s37	0s43	10s52	0s43	22n 8	1n26	22s24	1s30	23n 0	0s28	23s58	0s35	22s14	0s49	21s12	0s 5	23n47	23n47	24s 7			n.a.
T 2	1 36	6 58	4 13	3 20	0 50	11 22	0 46	22 1	1 27	22 24	1 30	23 0	0 27	23 58	0 35	22 15	0 49	21 13	0 5	23 46	23 46	24 8			n.a.
W 3	1 11	11 53	3 31	4 3	0 56	11 51	0 49	21 54	1 28	22 24	1 30	23 0	0 27	23 58	0 35	22 15	0 49	21 13	0 5	23 46	23 46	24 9			n.a.
T 4	0 47	16 13	2 40	4 45	1 2	12 21	0 52	21 47	1 28	22 24	1 30	23 0	0 27	23 58	0 35	22 15	0 49	21 13	0 5	23 46	23 46	24 10			n.a.
F 5	0 22	19 48	1 43	5 28	1 8	12 50	0 55	21 40	1 29	22 24	1 29	23 0	0 27	23 58	0 35	22 15	0 49	21 14	0 5	23 45	23 46	24 11			n.a.
S 6	0s 2	22 30	0 42	6 9	1 14	13 18	0 58	21 33	1 30	22 24	1 29	23 0	0 27	23 58	0 35	22 15	0 49	21 14	0 5	23 45	23 46	24 12			n.a.
S 7	0 27	24 12	0s21	6 51	1 20	13 47	1 0	21 25	1 30	22 24	1 29	23 1	0 27	23 58	0 35	22 15	0 49	21 14	0 5	23 45	23 46	24 13			n.a.
M 8	0 51	24 49	1 22	7 32	1 26	14 15	1 3	21 18	1 31	22 23	1 29	23 1	0 27	23 58	0 35	22 15	0 49	21 14	0 6	23 45	23 46	24 14			n.a.
T 9	1 16	24 18	2 21	8 12	1 32	14 43	1 6	21 10	1 32	22 23	1 29	23 1	0 27	23 58	0 35	22 15	0 49	21 15	0 6	23 45	23 46	24 15			n.a.
W10	1 41	22 39	3 14	8 52	1 37	15 10	1 8	21 2	1 32	22 23	1 28	23 1	0 27	23 58	0 35	22 15	0 49	21 15	0 6	23 45	23 45	24 16			n.a.
T 11	2 5	19 54	3 59	9 32	1 43	15 37	1 11	20 54	1 33	22 23	1 28	23 1	0 27	23 58	0 35	22 15	0 49	21 15	0 6	23 45	23 45	24 17			n.a.
F 12	2 30	16 9	4 33	10 10	1 48	16 4	1 14	20 46	1 34	22 22	1 28	23 1	0 27	23 58	0 35	22 15	0 49	21 16	0 6	23 45	23 45	24 18			n.a.
S 13	2 54	11 34	4 55	10 49	1 52	16 30	1 16	20 38	1 34	22 22	1 28	23 1	0 27	23 58	0 35	22 15	0 49	21 16	0 6	23 44	23 45	24 18			n.a.
S 14	3 19	6 19	5 1	11 26	1 57	16 55	1 19	20 30	1 35	22 21	1 27	23 1	0 27	23 58	0 35	22 15	0 49	21 16	0 6	23 43	23 45	24 19			n.a.
M15	3 43	0 39	4 50	12 3	2 2	17 21	1 21	20 21	1 36	22 21	1 27	23 1	0 27	23 58	0 35	22 15	0 49	21 17	0 6	23 43	23 45	24 20			n.a.
T 16	4 7	5n11	4 22	12 39	2 6	17 46	1 24	20 13	1 36	22 20	1 27	23 1	0 27	23 58	0 35	22 15	0 49	21 17	0 6	23 42	23 45	24 21			n.a.
W17	4 32	10 50	3 37	13 14	2 9	18 10	1 26	20 4	1 37	22 19	1 27	23 1	0 27	23 58	0 35	22 15	0 49	21 18	0 6	23 42	23 44	24 22			n.a.
T 18	4 56	15 58	2 39	13 48	2 13	18 34	1 29	19 56	1 38	22 19	1 27	23 1	0 27	23 58	0 35	22 15	0 49	21 18	0 6	23 42	23 44	24 23			n.a.
F 19	5 20	20 13	1 30	14 21	2 16	18 58	1 31	19 47	1 38	22 18	1 26	23 1	0 27	23 58	0 35	22 15	0 49	21 18	0 7	23 41	23 44	24 24			n.a.
S 20	5 44	23 14	0 16	14 54	2 19	19 20	1 34	19 38	1 39	22 17	1 26	23 1	0 27	23 57	0 35	22 15	0 49	21 19	0 7	23 41	23 44	24 25			n.a.
S 21	6 8	24 47	0n59	15 25	2 21	19 43	1 36	19 30	1 40	22 17	1 26	23 1	0 26	23 57	0 35	22 15	0 49	21 19	0 7	23 41	23 44	24 25			n.a.
M22	6 32	24 43	2 10	15 54	2 23	20 5	1 38	19 21	1 40	22 16	1 26	23 1	0 26	23 57	0 35	22 15	0 49	21 19	0 7	23 41	23 44	24 26			n.a.
T 23	6 56	23 5	3 13	16 23	2 24	20 26	1 40	19 12	1 41	22 15	1 25	23 1	0 26	23 57	0 35	22 15	0 49	21 20	0 7	23 41	23 44	24 27			n.a.
W24	7 19	20 5	4 4	16 50	2 25	20 47	1 42	19 3	1 42	22 14	1 25	23 1	0 26	23 57	0 35	22 15	0 49	21 20	0 7	23 41	23 43	24 28			n.a.
T 25	7 43	15 59	4 40	17 15	2 25	21 7	1 44	18 53	1 42	22 13	1 25	23 1	0 26	23 57	0 35	22 15	0 49	21 20	0 7	23 41	23 43	24 29			n.a.
F 26	8 7	11 7	5 0	17 38	2 25	21 27	1 46	18 44	1 43	22 12	1 25	23 1	0 26	23 57	0 35	22 15	0 49	21 21	0 7	23 40	23 43	24 30			n.a.
S 27	8 30	5 47	5 3	18 0	2 24	21 46	1 48	18 35	1 44	22 11	1 25	23 1	0 26	23 57	0 35	22 15	0 49	21 21	0 7	23 40	23 43	24 31			n.a.
S 28	8 53	0 16	4 49	18 20	2 22	22 5	1 50	18 25	1 45	22 10	1 24	23 1	0 26	23 57	0 35	22 15	0 49	21 22	0 7	23 39	23 43	24 31			n.a.
M29	9 16	5s10	4 21	18 37	2 19	22 23	1 52	18 16	1 45	22 9	1 24	23 1	0 26	23 56	0 35	22 15	0 49	21 22	0 7	23 38	23 43	24 32			n.a.
T 30	9 39	10 18	3 40	18 52	2 15	22 40	1 54	18 7	1 46	22 8	1 24	23 1	0 26	23 56	0 35	22 15	0 49	21 22	0 8	23 38	23 43	24 33			n.a.
W31	10s 2	14s55	2n50	19s 4	2s10	22s56	1s55	17n57	1n47	22s 6	1s24	23n 1	0s26	23s56	0s35	22s15	0s49	21s23	0s 8	23n37	23n42	24s34			n.a.

Julian Day Number = 1194640.5, Delta T = 09h28m40s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'31, Lahiri = -23°51'31 Julian Calendar 1 Oct. 1443 BCE == Greg. Calendar 18 Sept. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1443 BCE
geocentric

NOVEMBER 1443 BCE (-1442) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 48 35	26♎31'24	0♐43	17♏ 6	3♐51	16♌47	29♑ 0	19°R31	11♑28	25♑21	3♐41	22°R 1	23♊33	1♑35	n.a.	T 1
F 2	1 52 32	27°32'38	12°45	17°52	5° 4	17°20	29° 5	19♊29	11°30	25°22	3°42	21♊58	23°30	1°42	n.a.	F 2
S 3	1 56 28	28°33'53	24°37	18°30	6°17	17°53	29°10	19°26	11°31	25°22	3°44	21°D58	23°27	1°49	n.a.	S 3
S 4	2 0 25	29°35'08	6♑24	19° 1	7°30	18°27	29°16	19°24	11°33	25°23	3°46	21°58	23°23	1°55	n.a.	S 4
M 5	2 4 21	0♏36'23	18°11	19°24	8°42	19° 0	29°21	19°22	11°34	25°23	3°48	22° 0	23°20	2° 2	n.a.	M 5
T 6	2 8 18	1°37'39	0♒ 4	19°37	9°55	19°33	29°27	19°19	11°36	25°24	3°49	22°R 0	23°17	2° 9	n.a.	T 6
W 7	2 12 15	2°38'55	12° 7	19°R40	11° 7	20° 6	29°33	19°17	11°38	25°24	3°51	22° 0	23°14	2°15	n.a.	W 7
T 8	2 16 11	3°40'11	24°26	19°32	12°20	20°38	29°39	19°14	11°39	25°25	3°53	21°57	23°11	2°22	n.a.	T 8
F 9	2 20 8	4°41'27	7♓ 6	19°13	13°32	21°11	29°45	19°12	11°41	25°26	3°55	21°53	23° 8	2°28	n.a.	F 9
S 10	2 24 4	5°42'43	20° 9	18°42	14°45	21°44	29°52	19° 9	11°43	25°26	3°57	21°47	23° 4	2°35	n.a.	S 10
S 11	2 28 1	6°44'00	3♈38	17°59	15°57	22°16	29°59	19° 6	11°45	25°27	3°58	21°39	23° 1	2°42	n.a.	S 11
M12	2 31 57	7°45'16	17°32	17° 6	17° 9	22°49	0♒ 5	19° 3	11°47	25°28	4° 0	21°31	22°58	2°48	n.a.	M12
T 13	2 35 54	8°46'33	1♉47	16° 2	18°21	23°21	0°12	19° 0	11°49	25°29	4° 2	21°24	22°55	2°55	n.a.	T 13
W14	2 39 51	9°47'50	16°19	14°50	19°33	23°53	0°19	18°57	11°51	25°29	4° 4	21°19	22°52	3° 2	n.a.	W14
T 15	2 43 47	10°49'07	1♊ 1	13°33	20°45	24°25	0°27	18°53	11°53	25°30	4° 6	21°15	22°48	3° 8	n.a.	T 15
F 16	2 47 44	11°50'25	15°45	12°11	21°57	24°57	0°34	18°50	11°55	25°31	4° 8	21°D13	22°45	3°15	n.a.	F 16
S 17	2 51 40	12°51'43	0♋25	10°49	23° 9	25°29	0°42	18°47	11°57	25°32	4°10	21°14	22°42	3°22	n.a.	S 17
S 18	2 55 37	13°53'01	14°55	9°29	24°21	26° 1	0°50	18°43	11°59	25°33	4°12	21°15	22°39	3°28	n.a.	S 18
M19	2 59 33	14°54'19	29°12	8°14	25°33	26°33	0°58	18°39	12° 1	25°34	4°13	21°16	22°36	3°35	n.a.	M19
T 20	3 3 30	15°55'38	13♌15	7° 5	26°44	27° 4	1° 6	18°36	12° 3	25°35	4°15	21°R17	22°33	3°42	n.a.	T 20
W21	3 7 27	16°56'57	27° 1	6° 4	27°56	27°36	1°14	18°32	12° 6	25°36	4°17	21°17	22°29	3°48	n.a.	W21
T 22	3 11 23	17°58'16	10♍33	5°12	29° 7	28° 7	1°22	18°28	12° 8	25°37	4°19	21°15	22°26	3°55	n.a.	T 22
F 23	3 15 20	18°59'35	23°49	4°31	0♑19	28°38	1°31	18°24	12°10	25°38	4°21	21°11	22°23	4° 2	n.a.	F 23
S 24	3 19 16	20° 0'54	6♎52	4° 0	1°30	29° 9	1°39	18°20	12°13	25°40	4°23	21° 6	22°20	4° 8	n.a.	S 24
S 25	3 23 13	21° 2'14	19°42	3°39	2°41	29°40	1°48	18°16	12°15	25°41	4°25	21° 1	22°17	4°15	n.a.	S 25
M26	3 27 9	22° 3'33	2♏19	3°29	3°52	0♍11	1°57	18°12	12°18	25°42	4°27	20°56	22°14	4°21	n.a.	M26
T 27	3 31 6	23° 4'52	14°44	3°D27	5° 3	0°42	2° 6	18° 8	12°20	25°43	4°29	20°51	22°10	4°28	n.a.	T 27
W28	3 35 2	24° 6'10	26°57	3°34	6°14	1°12	2°15	18° 4	12°23	25°45	4°31	20°48	22° 7	4°35	n.a.	W28
T 29	3 38 59	25° 7'29	9♐ 1	3°50	7°25	1°43	2°25	17°59	12°25	25°46	4°33	20°45	22° 4	4°41	n.a.	T 29
F 30	3 42 56	26♏ 8'46	20♐57	4♏12	8♑36	2♍13	2♒34	17♊55	12♑28	25♑47	4♐35	20°D45	22♊ 1	4♑48	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s25	18s51	1n52	19s14	2s 5	23s12	1s57	17n47	1n47	22s 5	1s24	23n 1	0s26	23s56	0s35	22s15	0s49	21s23	0s 8	23n37	23n42	24s35		n.a.
F 2	10 47	21 55	0 49	19 20	1 58	23 28	1 58	17 38	1 48	22 4	1 23	23 1	0 26	23 56	0 35	22 15	0 49	21 24	0 8	23 37	23 42	24 35		n.a.
S 3	11 9	23 59	0s14	19 24	1 50	23 42	2 0	17 28	1 49	22 2	1 23	23 1	0 26	23 56	0 35	22 15	0 49	21 24	0 8	23 37	23 42	24 36		n.a.
S 4	11 31	24 59	1 17	19 23	1 40	23 56	2 1	17 18	1 50	22 1	1 23	23 0	0 26	23 56	0 35	22 14	0 49	21 25	0 8	23 37	23 42	24 37		n.a.
M 5	11 53	24 52	2 17	19 19	1 29	24 10	2 3	17 8	1 50	22 0	1 23	23 0	0 26	23 55	0 35	22 14	0 49	21 25	0 8	23 37	23 42	24 38		n.a.
T 6	12 15	23 36	3 11	19 11	1 17	24 22	2 4	16 58	1 51	21 58	1 22	23 0	0 25	23 55	0 34	22 14	0 49	21 25	0 8	23 37	23 41	24 38		n.a.
W 7	12 36	21 15	3 57	18 58	1 3	24 34	2 5	16 49	1 52	21 57	1 22	23 0	0 25	23 55	0 34	22 14	0 49	21 26	0 8	23 37	23 41	24 39		n.a.
T 8	12 58	17 54	4 34	18 41	0 48	24 45	2 6	16 39	1 53	21 55	1 22	23 0	0 25	23 55	0 34	22 14	0 49	21 26	0 8	23 37	23 41	24 40		n.a.
F 9	13 19	13 40	4 59	18 20	0 31	24 56	2 7	16 29	1 53	21 54	1 22	23 0	0 25	23 55	0 34	22 14	0 49	21 27	0 8	23 37	23 41	24 41		n.a.
S 10	13 40	8 41	5 9	17 54	0 13	25 6	2 8	16 19	1 54	21 52	1 22	23 0	0 25	23 55	0 34	22 14	0 49	21 27	0 9	23 36	23 41	24 41		n.a.
S 11	14 0	3 8	5 2	17 24	0n 6	25 15	2 9	16 8	1 55	21 50	1 21	22 59	0 25	23 54	0 34	22 13	0 49	21 28	0 9	23 36	23 41	24 42		n.a.
M12	14 21	2n44	4 38	16 49	0 26	25 23	2 9	15 58	1 56	21 49	1 21	22 59	0 25	23 54	0 34	22 13	0 49	21 28	0 9	23 35	23 40	24 43		n.a.
T 13	14 41	8 37	3 56	16 11	0 47	25 30	2 10	15 48	1 56	21 47	1 21	22 59	0 25	23 54	0 34	22 13	0 49	21 28	0 9	23 35	23 40	24 44		n.a.
W14	15 0	14 10	2 58	15 31	1 7	25 37	2 11	15 38	1 57	21 45	1 21	22 59	0 25	23 54	0 34	22 13	0 49	21 29	0 9	23 34	23 40	24 44		n.a.
T 15	15 20	18 58	1 48	14 48	1 27	25 43	2 11	15 28	1 58	21 44	1 21	22 59	0 25	23 54	0 34	22 13	0 49	21 29	0 9	23 34	23 40	24 45		n.a.
F 16	15 39	22 36	0 30	14 6	1 46	25 48	2 11	15 18	1 59	21 42	1 20	22 59	0 25	23 53	0 34	22 13	0 49	21 30	0 9	23 34	23 40	24 46		n.a.
S 17	15 58	24 42	0n50	13 23	2 3	25 53	2 12	15 7	2 0	21 40	1 20	22 58	0 25	23 53	0 34	22 12	0 49	21 30	0 9	23 34	23 40	24 47		n.a.
S 18	16 17	25 6	2 6	12 43	2 19	25 56	2 12	14 57	2 0	21 38	1 20	22 58	0 25	23 53	0 34	22 12	0 49	21 31	0 9	23 34	23 39	24 47		n.a.
M19	16 36	23 49	3 12	12 6	2 32	25 59	2 12	14 47	2 1	21 36	1 20	22 58	0 24	23 53	0 34	22 12	0 49	21 31	0 9	23 34	23 39	24 48		n.a.
T 20	16 54	21 4	4 6	11 33	2 43	26 1	2 12	14 37	2 2	21 34	1 20	22 58	0 24	23 52	0 34	22 12	0 49	21 32	0 9	23 34	23 39	24 49		n.a.
W21	17 12	17 10	4 45	11 4	2 52	26 3	2 12	14 26	2 3	21 32	1 20	22 57	0 24	23 52	0 34	22 12	0 49	21 32	0 10	23 34	23 39	24 49		n.a.
T 22	17 29	12 28	5 7	10 41	2 59	26 3	2 12	14 16	2 4	21 30	1 19	22 57	0 24	23 52	0 34	22 11	0 49	21 32	0 10	23 34	23 39	24 50		n.a.
F 23	17 47	7 15	5 12	10 23	3 4	26 3	2 11	14 6	2 4	21 28	1 19	22 57	0 24	23 52	0 34	22 11	0 49	21 33	0 10	23 34	23 38	24 51		n.a.
S 24	18 4	1 49	5 1	10 10	3 6	26 2	2 11	13 55	2 5	21 26	1 19	22 57	0 24	23 52	0 34	22 11	0 49	21 33	0 10	23 34	23 38	24 51		n.a.
S 25	18 20	3s37	4 34	10 2	3 7	26 0	2 10	13 45	2 6	21 23	1 19	22 56	0 24	23 51	0 34	22 11	0 49	21 34	0 10	23 33	23 38	24 52		n.a.
M26	18 36	8 49	3 55	9 59	3 6	25 58	2 10	13 35	2 7	21 21	1 19	22 56	0 24	23 51	0 34	22 10	0 49	21 34	0 10	23 33	23 38	24 53		n.a.
T 27	18 52	13 36	3 5	10 1	3 4	25 55	2 9	13 24	2 8	21 19	1 19	22 56	0 24	23 51	0 34	22 10	0 48	21 35	0 10	23 33	23 38	24 53		n.a.
W28	19 8	17 46	2 7	10 6	3 0	25 51	2 8	13 14	2 8	21 17	1 18	22 55	0 24	23 51	0 34	22 10	0 48	21 35	0 10	23 32	23 38	24 54		n.a.
T 29	19 23	21 8	1 4	10 16	2 56	25 46	2 7	13 4	2 9	21 14	1 18	22 55	0 24	23 50	0 34	22 10	0 48	21 36	0 10	23 32	23 37	24 54		n.a.
F 30	19s38	23s34	0s 1	10s28	2n51	25s40	2s 6	12n53	2n10	21s12	1s18	22n55	0s24	23s50	0s34	22s 9	0s48	21s36	0s10	23n32	23n37	24s55		n.a.

Julian Day Number = 1194671.5, Delta T = 09h28m39s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'27, Lahiri = -23°51'27 Julian Calendar 1 Nov. 1443 BCE == Greg. Calendar 19 Oct. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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DECEMBER 1443 BCE (-1442) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 46 52	27♏10'03	2♉47	4♏42	9♉46	2♍43	2♒44	17°R51	12♉30	25♉49	4♐37	20♊45	21♊58	4♉55	n.a.	S 1
S 2	3 50 49	28°11'20	14°33	5°17	10°56	3°13	2°53	17♊46	12°33	25°50	4°39	20°47	21°54	5° 1	n.a.	S 2
M 3	3 54 45	29°12'36	26°21	5°58	12° 7	3°43	3° 3	17°42	12°36	25°51	4°41	20°49	21°51	5° 8	n.a.	M 3
T 4	3 58 42	0♐13'51	8♒13	6°43	13°17	4°12	3°13	17°37	12°38	25°53	4°43	20°50	21°48	5°15	n.a.	T 4
W 5	4 2 38	1°15'05	20°14	7°33	14°27	4°42	3°23	17°33	12°41	25°54	4°45	20°52	21°45	5°21	n.a.	W 5
T 6	4 6 35	2°16'18	2♓30	8°27	15°37	5°11	3°33	17°28	12°44	25°56	4°47	20°R52	21°42	5°28	n.a.	T 6
F 7	4 10 32	3°17'30	15° 5	9°24	16°47	5°40	3°44	17°23	12°47	25°57	4°49	20°51	21°39	5°35	n.a.	F 7
S 8	4 14 28	4°18'41	28° 2	10°25	17°56	6° 9	3°54	17°19	12°50	25°59	4°51	20°50	21°35	5°41	n.a.	S 8
S 9	4 18 25	5°19'51	11♈26	11°28	19° 6	6°38	4° 5	17°14	12°53	26° 0	4°53	20°48	21°32	5°48	n.a.	S 9
M10	4 22 21	6°21'00	25°18	12°34	20°15	7° 6	4°15	17° 9	12°55	26° 2	4°55	20°46	21°29	5°55	n.a.	M10
T 11	4 26 18	7°22'08	9♉36	13°42	21°24	7°35	4°26	17° 4	12°58	26° 4	4°57	20°44	21°26	6° 1	n.a.	T 11
W12	4 30 14	8°23'14	24°17	14°52	22°33	8° 3	4°37	16°59	13° 1	26° 5	4°59	20°43	21°23	6° 8	n.a.	W12
T 13	4 34 11	9°24'20	9♊14	16° 5	23°42	8°31	4°48	16°55	13° 4	26° 7	5° 1	20°42	21°20	6°15	n.a.	T 13
F 14	4 38 7	10°25'25	24°20	17°19	24°51	8°59	4°59	16°50	13° 7	26° 9	5° 3	20°D42	21°16	6°21	n.a.	F 14
S 15	4 42 4	11°26'29	9♋25	18°34	25°59	9°26	5°10	16°45	13°10	26°10	5° 5	20°42	21°13	6°28	n.a.	S 15
S 16	4 46 1	12°27'32	24°20	19°51	27° 7	9°54	5°22	16°40	13°13	26°12	5° 7	20°43	21°10	6°35	n.a.	S 16
M17	4 49 57	13°28'35	8♌59	21°10	28°15	10°21	5°33	16°35	13°17	26°14	5° 9	20°44	21° 7	6°41	n.a.	M17
T 18	4 53 54	14°29'36	23°17	22°29	29°23	10°48	5°44	16°30	13°20	26°16	5°11	20°44	21° 4	6°48	n.a.	T 18
W19	4 57 50	15°30'36	7♍13	23°50	0♒31	11°15	5°56	16°25	13°23	26°18	5°13	20°45	21° 0	6°54	n.a.	W19
T 20	5 1 47	16°31'36	20°44	25°12	1°38	11°41	6° 8	16°20	13°26	26°19	5°15	20°R45	20°57	7° 1	n.a.	T 20
F 21	5 5 43	17°32'34	3♎54	26°35	2°46	12° 8	6°19	16°15	13°29	26°21	5°17	20°45	20°54	7° 8	n.a.	F 21
S 22	5 9 40	18°33'32	16°45	27°59	3°53	12°34	6°31	16°10	13°32	26°23	5°19	20°44	20°51	7°14	n.a.	S 22
S 23	5 13 36	19°34'28	29°19	29°24	5° 0	13° 0	6°43	16° 5	13°35	26°25	5°21	20°44	20°48	7°21	n.a.	S 23
M24	5 17 33	20°35'24	11♏39	0♐50	6° 6	13°25	6°55	16° 0	13°39	26°27	5°23	20°D44	20°45	7°28	n.a.	M24
T 25	5 21 30	21°36'18	23°48	2°17	7°13	13°51	7° 7	15°56	13°42	26°29	5°25	20°44	20°41	7°34	n.a.	T 25
W26	5 25 26	22°37'11	5♐49	3°45	8°19	14°16	7°20	15°51	13°45	26°31	5°27	20°44	20°38	7°41	n.a.	W26
T 27	5 29 23	23°38'03	17°43	5°14	9°25	14°41	7°32	15°46	13°49	26°33	5°29	20°R44	20°35	7°48	n.a.	T 27
F 28	5 33 19	24°38'53	29°33	6°43	10°30	15° 5	7°44	15°41	13°52	26°35	5°31	20°44	20°32	7°54	n.a.	F 28
S 29	5 37 16	25°39'42	11♑21	8°14	11°36	15°30	7°57	15°36	13°55	26°37	5°33	20°44	20°29	8° 1	n.a.	S 29
S 30	5 41 12	26°40'29	23° 9	9°45	12°41	15°54	8° 9	15°31	13°58	26°39	5°35	20°43	20°26	8° 8	n.a.	S 30
M31	5 45 9	27♐41'15	4♒59	11♐17	13♒45	16♍18	8♒22	15♊27	14♑ 2	26♑41	5♐37	20♊43	20♊22	8♑14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s52	24s56	1s 6	10s44	2n45	25s34	2s 5	12n43	2n11	21s10	1s18	22n55	0s23	23s50	0s34	22s 9	0s48	21s37	0s10	23n32	23n37	24s56		n.a.
S 2	20 7	25 10	2 8	11 2	2 38	25 27	2 3	12 33	2 12	21 7	1 18	22 54	0 23	23 49	0 34	22 9	0 48	21 37	0 10	23 32	23 37	24 56		n.a.
M 3	20 20	24 16	3 4	11 22	2 31	25 20	2 2	12 23	2 13	21 5	1 18	22 54	0 23	23 49	0 34	22 9	0 48	21 38	0 11	23 32	23 37	24 57		n.a.
T 4	20 34	22 17	3 53	11 45	2 24	25 11	2 1	12 12	2 13	21 2	1 17	22 54	0 23	23 49	0 34	22 8	0 48	21 38	0 11	23 33	23 36	24 57		n.a.
W 5	20 47	19 18	4 33	12 8	2 16	25 2	1 59	12 2	2 14	21 0	1 17	22 53	0 23	23 49	0 34	22 8	0 48	21 38	0 11	23 33	23 36	24 58		n.a.
T 6	20 59	15 25	5 1	12 33	2 8	24 52	1 57	11 52	2 15	20 57	1 17	22 53	0 23	23 48	0 34	22 8	0 48	21 39	0 11	23 33	23 36	24 59		n.a.
F 7	21 11	10 48	5 15	13 0	1 59	24 42	1 55	11 42	2 16	20 54	1 17	22 53	0 23	23 48	0 34	22 7	0 48	21 39	0 11	23 33	23 36	24 59		n.a.
S 8	21 23	5 35	5 14	13 27	1 51	24 31	1 53	11 32	2 17	20 52	1 17	22 52	0 23	23 48	0 34	22 7	0 48	21 40	0 11	23 32	23 36	25 0		n.a.
S 9	21 34	0n 4	4 56	13 55	1 43	24 19	1 51	11 22	2 18	20 49	1 17	22 52	0 23	23 47	0 34	22 7	0 48	21 40	0 11	23 32	23 35	25 0		n.a.
M10	21 45	5 55	4 21	14 23	1 34	24 6	1 49	11 12	2 19	20 46	1 16	22 51	0 23	23 47	0 34	22 6	0 48	21 41	0 11	23 32	23 35	25 1		n.a.
T 11	21 56	11 39	3 29	14 52	1 26	23 53	1 47	11 2	2 20	20 44	1 16	22 51	0 22	23 47	0 34	22 6	0 48	21 41	0 11	23 32	23 35	25 1		n.a.
W12	22 6	16 53	2 22	15 22	1 17	23 39	1 44	10 52	2 20	20 41	1 16	22 51	0 22	23 47	0 34	22 6	0 48	21 42	0 11	23 32	23 35	25 2		n.a.
T 13	22 15	21 11	1 3	15 51	1 8	23 25	1 42	10 42	2 21	20 38	1 16	22 50	0 22	23 46	0 34	22 5	0 48	21 42	0 11	23 32	23 34	25 2		n.a.
F 14	22 24	24 5	0n20	16 21	1 0	23 10	1 39	10 32	2 22	20 35	1 16	22 50	0 22	23 46	0 34	22 5	0 48	21 43	0 12	23 32	23 34	25 3		n.a.
S 15	22 33	25 13	1 42	16 50	0 51	22 54	1 36	10 22	2 23	20 32	1 16	22 50	0 22	23 46	0 34	22 5	0 48	21 43	0 12	23 32	23 34	25 3		n.a.
S 16	22 41	24 31	2 56	17 20	0 43	22 38	1 33	10 13	2 24	20 29	1 16	22 49	0 22	23 45	0 34	22 4	0 48	21 44	0 12	23 32	23 34	25 4		n.a.
M17	22 49	22 8	3 57	17 49	0 35	22 21	1 30	10 3	2 25	20 26	1 16	22 49	0 22	23 45	0 34	22 4	0 48	21 44	0 12	23 32	23 34	25 5		n.a.
T 18	22 57	18 25	4 42	18 18	0 26	22 4	1 27	9 53	2 26	20 23	1 15	22 48	0 22	23 45	0 34	22 4	0 48	21 44	0 12	23 32	23 33	25 5		n.a.
W19	23 4	13 47	5 9	18 46	0 18	21 46	1 24	9 44	2 27	20 20	1 15	22 48	0 22	23 44	0 34	22 3	0 48	21 45	0 12	23 32	23 33	25 6		n.a.
T 20	23 10	8 35	5 18	19 14	0 10	21 27	1 20	9 34	2 28	20 17	1 15	22 48	0 21	23 44	0 34	22 3	0 48	21 45	0 12	23 32	23 33	25 6		n.a.
F 21	23 16	3 8	5 10	19 42	0 3	21 8	1 17	9 25	2 29	20 14	1 15	22 47	0 21	23 44	0 34	22 3	0 48	21 46	0 12	23 32	23 33	25 6		n.a.
S 22	23 22	2s18	4 46	20 9	0s 5	20 49	1 13	9 15	2 29	20 11	1 15	22 47	0 21	23 43	0 34	22 2	0 48	21 46	0 12	23 32	23 33	25 7		n.a.
S 23	23 27	7 33	4 9	20 35	0 13	20 29	1 10	9 6	2 30	20 8	1 15	22 46	0 21	23 43	0 34	22 2	0 48	21 47	0 12	23 32	23 32	25 7		n.a.
M24	23 31	12 25	3 21	21 1	0 20	20 8	1 6	8 57	2 31	20 4	1 15	22 46	0 21	23 43	0 34	22 2	0 48	21 47	0 13	23 32	23 32	25 8		n.a.
T 25	23 36	16 44	2 24	21 26	0 27	19 47	1 2	8 48	2 32	20 1	1 15	22 46	0 21	23 42	0 34	22 1	0 48	21 48	0 13	23 32	23 32	25 8		n.a.
W26	23 39	20 19	1 22	21 50	0 34	19 26	0 58	8 39	2 33	19 58	1 14	22 45	0 21	23 42	0 34	22 1	0 48	21 48	0 13	23 32	23 32	25 9		n.a.
T 27	23 42	23 0	0 17	22 13	0 41	19 4	0 53	8 30	2 34	19 55	1 14	22 45	0 21	23 42	0 34	22 0	0 48	21 49	0 13	23 32	23 31	25 9		n.a.
F 28	23 45	24 41	0s49	22 36	0 47	18 42	0 49	8 21	2 35	19 51	1 14	22 44	0 21	23 41	0 34	22 0	0 48	21 49	0 13	23 32	23 31	25 10		n.a.
S 29	23 48	25 14	1 52	22 57	0 54	18 20	0 45	8 12	2 36	19 48	1 14	22 44	0 20	23 41	0 34	22 0	0 48	21 49	0 13	23 32	23 31	25 10		n.a.
S 30	23 49	24 38	2 51	23 18	1 0	17 57	0 40	8 4	2 37	19 45	1 14	22 44	0 20	23 41	0 34	21 59	0 48	21 50	0 13	23 32	23 31	25 11		n.a.
M31	23s51	22s56	3s42	23s37	1s 6	17s33	0s35	7n55	2n38	19s41	1s14	22n43	0s20	23s40	0s34	21s59	0s48	21s50	0s13	23n32	23n30	25s11		n.a.

Julian Day Number = 1194701.5, Delta T = 09h28m37s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'23, Lahiri = -23°51'23 Julian Calendar 1 Dec. 1443 BCE == Greg. Calendar 18 Nov. 1443 BCE

The year -1442 astronomical counting style corresponds to year 1443 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

JANUARY 1442 BCE (-1441) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 49 6	28♐41'59	16♒54	12♐50	14♒50	16♍41	8♒34	15°R22	14♉ 5	26♉43	5♐39	20°R41	20♊19	8♉21	n.a.	T 1
W 2	5 53 2	29°42'41	28°58	14°23	15°54	17° 4	8°47	15♊17	14° 8	26°45	5°41	20♊40	20°16	8°28	n.a.	W 2
T 3	5 56 59	0♉43'21	11♓14	15°58	16°58	17°27	9° 0	15°12	14°12	26°47	5°42	20°39	20°13	8°34	n.a.	T 3
F 4	6 0 55	1°43'59	23°45	17°33	18° 1	17°50	9°13	15° 8	14°15	26°49	5°44	20°39	20°10	8°41	n.a.	F 4
S 5	6 4 52	2°44'35	6♈36	19° 9	19° 5	18°12	9°26	15° 3	14°19	26°51	5°46	20°D39	20° 6	8°48	n.a.	S 5
S 6	6 8 48	3°45'09	19°51	20°46	20° 8	18°34	9°39	14°59	14°22	26°53	5°48	20°39	20° 3	8°54	n.a.	S 6
M 7	6 12 45	4°45'41	3♉31	22°24	21°10	18°55	9°52	14°54	14°25	26°55	5°50	20°40	20° 0	9° 1	n.a.	M 7
T 8	6 16 41	5°46'12	17°38	24° 3	22°12	19°17	10° 5	14°50	14°29	26°58	5°52	20°41	19°57	9° 8	n.a.	T 8
W 9	6 20 38	6°46'40	2♊10	25°42	23°14	19°37	10°18	14°45	14°32	27° 0	5°53	20°42	19°54	9°14	n.a.	W 9
T 10	6 24 35	7°47'06	17° 5	27°23	24°15	19°58	10°31	14°41	14°36	27° 2	5°55	20°R43	19°51	9°21	n.a.	T 10
F 11	6 28 31	8°47'31	2♋15	29° 4	25°16	20°18	10°44	14°37	14°39	27° 4	5°57	20°43	19°47	9°28	n.a.	F 11
S 12	6 32 28	9°47'53	17°30	0♉47	26°16	20°38	10°58	14°33	14°43	27° 6	5°59	20°41	19°44	9°34	n.a.	S 12
S 13	6 36 24	10°48'14	2♌42	2°30	27°16	20°58	11°11	14°28	14°46	27° 9	6° 0	20°39	19°41	9°41	n.a.	S 13
M14	6 40 21	11°48'33	17°40	4°15	28°16	21°17	11°25	14°24	14°49	27°11	6° 2	20°36	19°38	9°47	n.a.	M14
T 15	6 44 17	12°48'50	2♍16	6° 0	29°15	21°35	11°38	14°20	14°53	27°13	6° 4	20°33	19°35	9°54	n.a.	T 15
W16	6 48 14	13°49'05	16°26	7°46	0♓14	21°54	11°52	14°16	14°56	27°15	6° 6	20°31	19°32	10° 1	n.a.	W16
T 17	6 52 10	14°49'19	0♎ 8	9°34	1°12	22°11	12° 5	14°12	15° 0	27°17	6° 7	20°29	19°28	10° 7	n.a.	T 17
F 18	6 56 7	15°49'31	13°22	11°22	2° 9	22°29	12°19	14° 9	15° 3	27°20	6° 9	20°D28	19°25	10°14	n.a.	F 18
S 19	7 0 4	16°49'41	26°12	13°11	3° 6	22°46	12°33	14° 5	15° 7	27°22	6°11	20°28	19°22	10°21	n.a.	S 19
S 20	7 4 0	17°49'50	8♏41	15° 2	4° 3	23° 2	12°46	14° 1	15°10	27°24	6°12	20°30	19°19	10°27	n.a.	S 20
M21	7 7 57	18°49'56	20°53	16°53	4°59	23°18	13° 0	13°58	15°14	27°26	6°14	20°31	19°16	10°34	n.a.	M21
T 22	7 11 53	19°50'02	2♐53	18°45	5°54	23°34	13°14	13°54	15°17	27°29	6°15	20°33	19°12	10°41	n.a.	T 22
W23	7 15 50	20°50'05	14°46	20°39	6°49	23°49	13°28	13°51	15°20	27°31	6°17	20°R34	19° 9	10°47	n.a.	W23
T 24	7 19 46	21°50'06	26°34	22°33	7°43	24° 4	13°42	13°47	15°24	27°33	6°18	20°34	19° 6	10°54	n.a.	T 24
F 25	7 23 43	22°50'06	8♑20	24°28	8°36	24°18	13°55	13°44	15°27	27°35	6°20	20°33	19° 3	11° 1	n.a.	F 25
S 26	7 27 39	23°50'03	20° 8	26°24	9°29	24°32	14° 9	13°41	15°31	27°38	6°21	20°29	19° 0	11° 7	n.a.	S 26
S 27	7 31 36	24°49'58	2♒ 0	28°20	10°21	24°45	14°23	13°38	15°34	27°40	6°23	20°24	18°57	11°14	n.a.	S 27
M28	7 35 33	25°49'52	13°57	0♒17	11°13	24°57	14°37	13°35	15°37	27°42	6°24	20°18	18°53	11°21	n.a.	M28
T 29	7 39 29	26°49'42	26° 0	2°15	12° 3	25°10	14°51	13°32	15°41	27°45	6°26	20°11	18°50	11°27	n.a.	T 29
W30	7 43 26	27°49'31	8♓13	4°12	12°53	25°21	15° 6	13°29	15°44	27°47	6°27	20° 5	18°47	11°34	n.a.	W30
T 31	7 47 22	28♉49'17	20♓36	6♒10	13♓42	25♍32	15♒20	13♊26	15♉48	27♉49	6♐29	19♊58	18♊44	11♉41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s51	20 s14	4 s24	23 s55	1 s12	17 s10	0 s31	7n47	2n39	19 s38	1 s14	22n43	0 s20	23 s40	0 s34	21 s58	0 s48	21 s51	0 s13	23n32	23n30	25 s11			n.a.
W 2	23 52	16 38	4 55	24 12	1 17	16 46	0 26	7 38	2 40	19 34	1 14	22 42	0 20	23 39	0 34	21 58	0 48	21 51	0 13	23 32	23 30	25 12			n.a.
T 3	23 52	12 17	5 13	24 28	1 22	16 21	0 21	7 30	2 41	19 31	1 14	22 42	0 20	23 39	0 34	21 58	0 48	21 52	0 13	23 32	23 30	25 12			n.a.
F 4	23 51	7 21	5 17	24 43	1 27	15 57	0 16	7 22	2 42	19 27	1 14	22 41	0 20	23 39	0 34	21 57	0 48	21 52	0 14	23 32	23 30	25 13			n.a.
S 5	23 50	1 59	5 5	24 56	1 32	15 32	0 10	7 14	2 43	19 23	1 14	22 41	0 20	23 38	0 34	21 57	0 48	21 52	0 14	23 32	23 29	25 13			n.a.
S 6	23 49	3n38	4 37	25 8	1 36	15 7	0 5	7 6	2 44	19 20	1 13	22 41	0 20	23 38	0 34	21 56	0 48	21 53	0 14	23 32	23 29	25 13			n.a.
M 7	23 47	9 16	3 53	25 18	1 40	14 41	0n 1	6 59	2 45	19 16	1 13	22 40	0 19	23 38	0 34	21 56	0 48	21 53	0 14	23 32	23 29	25 14			n.a.
T 8	23 44	14 37	2 53	25 27	1 44	14 16	0 6	6 51	2 46	19 12	1 13	22 40	0 19	23 37	0 34	21 56	0 48	21 54	0 14	23 32	23 29	25 14			n.a.
W 9	23 41	19 19	1 41	25 34	1 47	13 50	0 12	6 44	2 47	19 9	1 13	22 40	0 19	23 37	0 34	21 55	0 48	21 54	0 14	23 32	23 28	25 14			n.a.
T 10	23 38	22 53	0 20	25 40	1 50	13 24	0 18	6 36	2 48	19 5	1 13	22 39	0 19	23 37	0 34	21 55	0 48	21 54	0 14	23 32	23 28	25 15			n.a.
F 11	23 34	24 54	1n 3	25 44	1 53	12 57	0 24	6 29	2 49	19 1	1 13	22 39	0 19	23 36	0 34	21 54	0 48	21 55	0 14	23 32	23 28	25 15			n.a.
S 12	23 30	25 3	2 23	25 47	1 55	12 31	0 30	6 22	2 50	18 57	1 13	22 38	0 19	23 36	0 34	21 54	0 48	21 55	0 14	23 32	23 28	25 15			n.a.
S 13	23 25	23 20	3 32	25 47	1 57	12 5	0 36	6 15	2 51	18 54	1 13	22 38	0 19	23 35	0 34	21 53	0 48	21 56	0 14	23 32	23 27	25 16			n.a.
M14	23 20	20 0	4 25	25 46	1 58	11 38	0 42	6 8	2 52	18 50	1 13	22 38	0 19	23 35	0 34	21 53	0 48	21 56	0 14	23 32	23 27	25 16			n.a.
T 15	23 14	15 30	4 59	25 43	1 59	11 11	0 48	6 2	2 53	18 46	1 13	22 37	0 18	23 35	0 34	21 53	0 48	21 56	0 15	23 31	23 27	25 16			n.a.
W16	23 8	10 15	5 14	25 38	2 0	10 44	0 55	5 55	2 54	18 42	1 13	22 37	0 18	23 34	0 34	21 52	0 48	21 57	0 15	23 31	23 27	25 17			n.a.
T 17	23 1	4 41	5 11	25 31	2 0	10 17	1 1	5 49	2 55	18 38	1 13	22 37	0 18	23 34	0 34	21 52	0 48	21 57	0 15	23 31	23 26	25 17			n.a.
F 18	22 54	0 s55	4 51	25 22	2 0	9 50	1 8	5 43	2 56	18 34	1 13	22 36	0 18	23 33	0 34	21 51	0 48	21 58	0 15	23 31	23 26	25 17			n.a.
S 19	22 47	6 19	4 16	25 11	1 59	9 23	1 15	5 37	2 57	18 30	1 13	22 36	0 18	23 33	0 34	21 51	0 48	21 58	0 15	23 31	23 26	25 18			n.a.
S 20	22 39	11 20	3 30	24 57	1 58	8 56	1 22	5 31	2 58	18 26	1 13	22 36	0 18	23 33	0 34	21 50	0 48	21 58	0 15	23 31	23 26	25 18			n.a.
M21	22 31	15 47	2 36	24 42	1 56	8 29	1 29	5 26	2 59	18 22	1 13	22 35	0 18	23 32	0 34	21 50	0 48	21 59	0 15	23 31	23 25	25 18			n.a.
T 22	22 22	19 33	1 36	24 25	1 54	8 2	1 36	5 20	3 0	18 18	1 12	22 35	0 17	23 32	0 34	21 49	0 48	21 59	0 15	23 31	23 25	25 18			n.a.
W23	22 13	22 27	0 32	24 5	1 51	7 35	1 43	5 15	3 1	18 14	1 12	22 35	0 17	23 31	0 34	21 49	0 48	22 0	0 15	23 31	23 25	25 19			n.a.
T 24	22 3	24 22	0 s33	23 43	1 48	7 8	1 50	5 10	3 2	18 10	1 12	22 35	0 17	23 31	0 34	21 49	0 48	22 0	0 15	23 31	23 25	25 19			n.a.
F 25	21 54	25 11	1 36	23 19	1 44	6 41	1 57	5 5	3 2	18 6	1 12	22 34	0 17	23 31	0 34	21 48	0 48	22 0	0 16	23 31	23 24	25 19			n.a.
S 26	21 43	24 52	2 35	22 53	1 40	6 14	2 5	5 0	3 3	18 1	1 12	22 34	0 17	23 30	0 34	21 48	0 48	22 1	0 16	23 31	23 24	25 19			n.a.
S 27	21 32	23 25	3 27	22 24	1 34	5 47	2 12	4 56	3 4	17 57	1 12	22 34	0 17	23 30	0 34	21 47	0 48	22 1	0 16	23 31	23 24	25 20			n.a.
M28	21 21	20 55	4 11	21 53	1 29	5 20	2 20	4 52	3 5	17 53	1 12	22 34	0 17	23 30	0 34	21 47	0 48	22 1	0 16	23 30	23 23	25 20			n.a.
T 29	21 10	17 30	4 43	21 20	1 22	4 54	2 27	4 48	3 6	17 49	1 12	22 33	0 17	23 29	0 34	21 46	0 48	22 2	0 16	23 30	23 23	25 20			n.a.
W30	20 58	13 19	5 4	20 46	1 15	4 27	2 35	4 44	3 7	17 45	1 12	22 33	0 16	23 29	0 34	21 46	0 48	22 2	0 16	23 29	23 23	25 20			n.a.
T 31	20 s46	8 s32	5 s10	20 s 9	1 s 7	4 s 1	2n43	4n40	3n 8	17 s40	1 s12	22n33	0 s16	23 s28	0 s34	21 s45	0 s48	22 s 2	0 s16	23n29	23n23	25 s21			n.a.

Julian Day Number = 1194732.5, Delta T = 09h28m35s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'19, Lahiri = -23°51'19 Julian Calendar 1 Jan. 1442 BCE == Greg. Calendar 19 Dec. 1443 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

FEBRUARY 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 51 19	29♉49'01	3♈11	8♒ 8	14♓30	25♍42	15♒34	13°R24	15♉51	27♉51	6♐30	19°R54	18♊41	11♉47	n.a.	F 1
S 2	7 55 15	0♒48'43	16° 3	10° 6	15°17	25°52	15°48	13♊21	15°54	27°54	6°31	19♊51	18°37	11°54	n.a.	S 2
S 3	7 59 12	1°48'22	29°12	12° 2	16° 3	26° 1	16° 2	13°19	15°58	27°56	6°33	19°D50	18°34	12° 1	n.a.	S 3
M 4	8 3 8	2°47'58	12♉42	13°58	16°49	26°10	16°16	13°16	16° 1	27°58	6°34	19°50	18°31	12° 7	n.a.	M 4
T 5	8 7 5	3°47'32	26°35	15°52	17°33	26°18	16°31	13°14	16° 4	28° 0	6°35	19°51	18°28	12°14	n.a.	T 5
W 6	8 11 1	4°47'04	10♊51	17°45	18°16	26°25	16°45	13°12	16° 8	28° 3	6°36	19°52	18°25	12°21	n.a.	W 6
T 7	8 14 58	5°46'33	25°30	19°35	18°59	26°32	16°59	13°10	16°11	28° 5	6°38	19°R52	18°22	12°27	n.a.	T 7
F 8	8 18 55	6°46'00	10♋26	21°23	19°40	26°38	17°13	13° 8	16°14	28° 7	6°39	19°51	18°18	12°34	n.a.	F 8
S 9	8 22 51	7°45'25	25°33	23° 8	20°20	26°43	17°28	13° 6	16°18	28° 9	6°40	19°47	18°15	12°41	n.a.	S 9
S 10	8 26 48	8°44'47	10♌43	24°49	20°58	26°48	17°42	13° 4	16°21	28°12	6°41	19°41	18°12	12°47	n.a.	S 10
M11	8 30 44	9°44'07	25°44	26°27	21°36	26°52	17°56	13° 3	16°24	28°14	6°42	19°34	18° 9	12°54	n.a.	M11
T 12	8 34 41	10°43'25	10♍28	27°59	22°12	26°56	18°11	13° 1	16°27	28°16	6°43	19°26	18° 6	13° 1	n.a.	T 12
W13	8 38 37	11°42'41	24°48	29°27	22°47	26°58	18°25	13° 0	16°30	28°18	6°44	19°18	18° 3	13° 7	n.a.	W13
T 14	8 42 34	12°41'54	8♎39	0♓50	23°20	27° 0	18°39	12°59	16°34	28°21	6°46	19°12	17°59	13°14	n.a.	T 14
F 15	8 46 30	13°41'06	22° 1	2° 7	23°52	27° 2	18°54	12°57	16°37	28°23	6°47	19° 7	17°56	13°21	n.a.	F 15
S 16	8 50 27	14°40'16	4♏56	3°19	24°22	27°R 2	19° 8	12°56	16°40	28°25	6°48	19° 5	17°53	13°27	n.a.	S 16
S 17	8 54 24	15°39'24	17°26	4°24	24°51	27° 2	19°22	12°55	16°43	28°27	6°49	19°D 4	17°50	13°34	n.a.	S 17
M18	8 58 20	16°38'30	29°38	5°22	25°19	27° 1	19°37	12°54	16°46	28°29	6°49	19° 5	17°47	13°41	n.a.	M18
T 19	9 2 17	17°37'34	11♐37	6°15	25°44	26°59	19°51	12°54	16°49	28°32	6°50	19° 6	17°43	13°47	n.a.	T 19
W20	9 6 13	18°36'37	23°27	7° 0	26° 8	26°57	20° 5	12°53	16°52	28°34	6°51	19°R 6	17°40	13°54	n.a.	W20
T 21	9 10 10	19°35'37	5♑13	7°38	26°30	26°54	20°20	12°52	16°55	28°36	6°52	19° 4	17°37	14° 0	n.a.	T 21
F 22	9 14 6	20°34'35	17° 0	8° 9	26°50	26°50	20°34	12°52	16°58	28°38	6°53	19° 1	17°34	14° 7	n.a.	F 22
S 23	9 18 3	21°33'32	28°51	8°33	27° 9	26°45	20°49	12°52	17° 1	28°40	6°54	18°54	17°31	14°14	n.a.	S 23
S 24	9 21 59	22°32'26	10♒49	8°50	27°25	26°39	21° 3	12°51	17° 4	28°42	6°55	18°45	17°28	14°20	n.a.	S 24
M25	9 25 56	23°31'18	22°55	9° 0	27°39	26°33	21°17	12°51	17° 7	28°44	6°55	18°34	17°24	14°27	n.a.	M25
T 26	9 29 52	24°30'08	5♓12	9°R 3	27°51	26°26	21°32	12°D51	17°10	28°47	6°56	18°22	17°21	14°34	n.a.	T 26
W27	9 33 49	25°28'55	17°38	9° 0	28° 1	26°18	21°46	12°51	17°13	28°49	6°57	18°10	17°18	14°40	n.a.	W27
T 28	9 37 46	26♒27'41	0♈16	8♓50	28♓ 9	26♍ 9	22♒ 1	12♊51	17♉16	28♉51	6♐57	17♊59	17♊15	14♉47	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s33	3s19	5s 2	19s30	0s59	3s35	2n51	4n37	3n 9	17s36	1s12	22n33	0s16	23s28	0s34	21s45	0s48	22s 3	0s16	23n28	23n22	25s21		n.a.
S 2	20 20	2n 9	4 39	18 50	0 50	3 9	2 59	4 34	3 10	17 32	1 12	22 32	0 16	23 28	0 34	21 44	0 48	22 3	0 16	23 28	23 22	25 21		n.a.
S 3	20 7	7 39	4 0	18 8	0 40	2 44	3 7	4 31	3 11	17 27	1 12	22 32	0 16	23 27	0 34	21 44	0 48	22 3	0 16	23 28	23 22	25 21		n.a.
M 4	19 53	12 57	3 8	17 24	0 30	2 19	3 15	4 28	3 12	17 23	1 12	22 32	0 16	23 27	0 34	21 44	0 48	22 4	0 17	23 28	23 22	25 21		n.a.
T 5	19 39	17 45	2 3	16 40	0 19	1 54	3 23	4 26	3 12	17 19	1 12	22 32	0 16	23 26	0 34	21 43	0 48	22 4	0 17	23 28	23 21	25 22		n.a.
W 6	19 24	21 40	0 49	15 54	0 8	1 29	3 31	4 24	3 13	17 14	1 12	22 32	0 16	23 26	0 34	21 43	0 48	22 4	0 17	23 28	23 21	25 22		n.a.
T 7	19 10	24 18	0n30	15 8	0n 4	1 5	3 40	4 22	3 14	17 10	1 12	22 32	0 15	23 26	0 34	21 42	0 48	22 5	0 17	23 28	23 21	25 22		n.a.
F 8	18 55	25 15	1 49	14 22	0 17	0 41	3 48	4 20	3 15	17 5	1 12	22 32	0 15	23 25	0 34	21 42	0 48	22 5	0 17	23 28	23 20	25 22		n.a.
S 9	18 39	24 22	3 0	13 35	0 29	0 17	3 56	4 18	3 16	17 1	1 12	22 31	0 15	23 25	0 34	21 41	0 49	22 5	0 17	23 28	23 20	25 22		n.a.
S 10	18 24	21 41	3 59	12 49	0 42	0n 6	4 5	4 17	3 16	16 57	1 12	22 31	0 15	23 24	0 34	21 41	0 49	22 6	0 17	23 27	23 20	25 22		n.a.
M11	18 8	17 34	4 41	12 4	0 55	0 29	4 13	4 16	3 17	16 52	1 12	22 31	0 15	23 24	0 34	21 40	0 49	22 6	0 17	23 27	23 20	25 23		n.a.
T 12	17 51	12 26	5 3	11 19	1 8	0 51	4 22	4 15	3 18	16 48	1 12	22 31	0 15	23 24	0 34	21 40	0 49	22 6	0 17	23 26	23 19	25 23		n.a.
W13	17 35	6 46	5 6	10 36	1 22	1 12	4 30	4 15	3 18	16 43	1 12	22 31	0 15	23 23	0 34	21 40	0 49	22 6	0 17	23 25	23 19	25 23		n.a.
T 14	17 18	0 56	4 50	9 54	1 35	1 34	4 39	4 15	3 19	16 38	1 12	22 31	0 15	23 23	0 34	21 39	0 49	22 7	0 17	23 25	23 19	25 23		n.a.
F 15	17 1	4s44	4 18	9 14	1 48	1 54	4 47	4 15	3 20	16 34	1 12	22 31	0 14	23 23	0 34	21 39	0 49	22 7	0 18	23 25	23 18	25 23		n.a.
S 16	16 43	10 2	3 34	8 36	2 1	2 14	4 56	4 15	3 20	16 29	1 12	22 31	0 14	23 22	0 34	21 38	0 49	22 7	0 18	23 24	23 18	25 23		n.a.
S 17	16 26	14 45	2 42	8 1	2 13	2 33	5 4	4 16	3 21	16 25	1 12	22 31	0 14	23 22	0 34	21 38	0 49	22 7	0 18	23 24	23 18	25 23		n.a.
M18	16 8	18 46	1 43	7 28	2 25	2 52	5 12	4 16	3 21	16 20	1 12	22 31	0 14	23 21	0 34	21 37	0 49	22 8	0 18	23 24	23 17	25 23		n.a.
T 19	15 49	21 55	0 40	6 58	2 36	3 10	5 21	4 18	3 22	16 16	1 12	22 31	0 14	23 21	0 34	21 37	0 49	22 8	0 18	23 24	23 17	25 23		n.a.
W20	15 31	24 5	0s23	6 31	2 47	3 27	5 29	4 19	3 22	16 11	1 12	22 31	0 14	23 21	0 34	21 36	0 49	22 8	0 18	23 24	23 17	25 23		n.a.
T 21	15 12	25 11	1 25	6 8	2 56	3 44	5 37	4 21	3 22	16 6	1 12	22 31	0 14	23 20	0 34	21 36	0 49	22 8	0 18	23 24	23 17	25 24		n.a.
F 22	14 53	25 8	2 23	5 48	3 5	3 59	5 46	4 22	3 23	16 2	1 12	22 31	0 13	23 20	0 34	21 36	0 49	22 9	0 18	23 24	23 16	25 24		n.a.
S 23	14 34	23 56	3 16	5 32	3 13	4 14	5 54	4 25	3 23	15 57	1 12	22 31	0 13	23 20	0 34	21 35	0 49	22 9	0 18	23 24	23 16	25 24		n.a.
S 24	14 15	21 40	4 0	5 19	3 20	4 28	6 2	4 27	3 23	15 52	1 12	22 31	0 13	23 19	0 34	21 35	0 49	22 9	0 19	23 23	23 16	25 24		n.a.
M25	13 55	18 24	4 33	5 10	3 25	4 41	6 10	4 30	3 23	15 48	1 12	22 32	0 13	23 19	0 34	21 34	0 49	22 9	0 19	23 22	23 15	25 24		n.a.
T 26	13 35	14 19	4 55	5 5	3 30	4 53	6 17	4 33	3 24	15 43	1 12	22 32	0 13	23 18	0 34	21 34	0 49	22 10	0 19	23 21	23 15	25 24		n.a.
W27	13 15	9 35	5 2	5 4	3 33	5 4	6 25	4 36	3 24	15 38	1 12	22 32	0 13	23 18	0 34	21 34	0 49	22 10	0 19	23 20	23 15	25 24		n.a.
T 28	12s55	4s24	4s56	5s 6	3n34	5n14	6n32	4n40	3n24	15s34	1s12	22n32	0s13	23s18	0s34	21s33	0s49	22s10	0s19	23n19	23n14	25s24		n.a.

Julian Day Number = 1194763.5, Delta T = 09h28m33s
Ecliptic obliquity = 23°51'53, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'15, Lahiri = -23°51'14 Julian Calendar 1 Feb. 1442 BCE == Greg. Calendar 19 Jan. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

MARCH 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 41 42	27♒26'24	13♈ 5	8°R34	28♓15	26°R 0	22♒15	12♊52	17♉19	28♉53	6♐58	17°R50	17♊12	14♉54	n.a.	F 1
S 2	9 45 39	28°25'05	26° 6	8♓12	28°18	25♍50	22°29	12°52	17°22	28°55	6°59	17♊43	17° 9	15° 0	n.a.	S 2
S 3	9 49 35	29°23'43	9♉21	7°45	28°R19	25°39	22°44	12°53	17°24	28°57	6°59	17°39	17° 5	15° 7	n.a.	S 3
M 4	9 53 32	0♓22'19	22°50	7°13	28°17	25°27	22°58	12°53	17°27	28°59	7° 0	17°38	17° 2	15°14	n.a.	M 4
T 5	9 57 28	1°20'53	6♊36	6°38	28°13	25°15	23°12	12°54	17°30	29° 1	7° 0	17°D37	16°59	15°20	n.a.	T 5
W 6	10 1 25	2°19'24	20°39	5°59	28° 7	25° 2	23°26	12°55	17°32	29° 3	7° 1	17°R38	16°56	15°27	n.a.	W 6
T 7	10 5 21	3°17'53	5♋ 0	5°18	27°58	24°48	23°41	12°56	17°35	29° 5	7° 1	17°37	16°53	15°34	n.a.	T 7
F 8	10 9 18	4°16'20	19°35	4°36	27°46	24°34	23°55	12°57	17°38	29° 7	7° 2	17°34	16°49	15°40	n.a.	F 8
S 9	10 13 14	5°14'45	4♌21	3°52	27°32	24°19	24° 9	12°58	17°40	29° 9	7° 2	17°28	16°46	15°47	n.a.	S 9
S 10	10 17 11	6°13'07	19°12	3° 9	27°16	24° 3	24°23	13° 0	17°43	29°11	7° 2	17°20	16°43	15°54	n.a.	S 10
M11	10 21 8	7°11'27	4♍ 0	2°26	26°57	23°47	24°38	13° 1	17°45	29°13	7° 3	17° 9	16°40	16° 0	n.a.	M11
T 12	10 25 4	8° 9'45	18°35	1°45	26°36	23°30	24°52	13° 2	17°48	29°14	7° 3	16°58	16°37	16° 7	n.a.	T 12
W13	10 29 1	9° 8'01	2♎50	1° 6	26°12	23°12	25° 6	13° 4	17°50	29°16	7° 3	16°47	16°34	16°14	n.a.	W13
T 14	10 32 57	10° 6'15	16°42	0°30	25°47	22°54	25°20	13° 6	17°53	29°18	7° 4	16°37	16°30	16°20	n.a.	T 14
F 15	10 36 54	11° 4'28	0♏ 6	29♒57	25°19	22°36	25°34	13° 8	17°55	29°20	7° 4	16°30	16°27	16°27	n.a.	F 15
S 16	10 40 50	12° 2'39	13° 4	29°29	24°49	22°17	25°48	13° 9	17°58	29°22	7° 4	16°25	16°24	16°34	n.a.	S 16
S 17	10 44 47	13° 0'48	25°38	29° 4	24°18	21°57	26° 2	13°11	18° 0	29°23	7° 4	16°22	16°21	16°40	n.a.	S 17
M18	10 48 43	13°58'56	7♐52	28°44	23°45	21°38	26°16	13°14	18° 2	29°25	7° 4	16°22	16°18	16°47	n.a.	M18
T 19	10 52 40	14°57'02	19°52	28°28	23°11	21°17	26°30	13°16	18° 4	29°27	7° 4	16°22	16°15	16°54	n.a.	T 19
W20	10 56 36	15°55'06	1♑44	28°17	22°35	20°57	26°44	13°18	18° 7	29°29	7° 5	16°21	16°11	17° 0	n.a.	W20
T 21	11 0 33	16°53'09	13°31	28°11	21°59	20°36	26°58	13°21	18° 9	29°30	7° 5	16°19	16° 8	17° 7	n.a.	T 21
F 22	11 4 30	17°51'11	25°21	28°D10	21°22	20°15	27°12	13°23	18°11	29°32	7°R 5	16°15	16° 5	17°14	n.a.	F 22
S 23	11 8 26	18°49'11	7♒16	28°14	20°44	19°54	27°26	13°26	18°13	29°34	7° 5	16° 8	16° 2	17°20	n.a.	S 23
S 24	11 12 23	19°47'09	19°21	28°22	20° 6	19°32	27°40	13°28	18°15	29°35	7° 5	15°59	15°59	17°27	n.a.	S 24
M25	11 16 19	20°45'05	1♓37	28°36	19°28	19°11	27°54	13°31	18°17	29°37	7° 4	15°47	15°55	17°34	n.a.	M25
T 26	11 20 16	21°43'00	14° 7	28°54	18°50	18°49	28° 7	13°34	18°19	29°38	7° 4	15°34	15°52	17°40	n.a.	T 26
W27	11 24 12	22°40'53	26°51	29°16	18°12	18°27	28°21	13°37	18°21	29°40	7° 4	15°21	15°49	17°47	n.a.	W27
T 28	11 28 9	23°38'45	9♈47	29°43	17°36	18° 6	28°35	13°40	18°23	29°42	7° 4	15° 9	15°46	17°54	n.a.	T 28
F 29	11 32 5	24°36'35	22°56	0♓14	17° 0	17°44	28°48	13°43	18°25	29°43	7° 4	14°58	15°43	18° 0	n.a.	F 29
S 30	11 36 2	25°34'23	6♉17	0°49	16°25	17°23	29° 2	13°47	18°26	29°45	7° 4	14°51	15°40	18° 7	n.a.	S 30
S 31	11 39 59	26♓32'09	19♉47	1♓27	15♓52	17♍ 1	29♒15	13♊50	18♉28	29♉46	7♐ 3	14♊47	15♊36	18♉14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s35	1n 4	4s34	5s12	3n34	5n22	6n39	4n43	3n24	15s29	1s12	22n32	0s13	23s17	0s34	21s33	0s49	22s10	0s19	23n18	23n14	25s24		n.a.
S 2	12 14	6 34	3 58	5 22	3 32	5 30	6 46	4 47	3 23	15 24	1 13	22 32	0 12	23 17	0 34	21 32	0 49	22 10	0 19	23 17	23 14	25 24		n.a.
S 3	11 53	11 53	3 8	5 35	3 29	5 36	6 52	4 51	3 23	15 19	1 13	22 33	0 12	23 17	0 34	21 32	0 49	22 11	0 19	23 17	23 14	25 24		n.a.
M 4	11 32	16 45	2 8	5 51	3 24	5 41	6 59	4 56	3 23	15 15	1 13	22 33	0 12	23 16	0 34	21 32	0 49	22 11	0 19	23 17	23 13	25 24		n.a.
T 5	11 11	20 50	0 58	6 10	3 18	5 45	7 4	5 1	3 23	15 10	1 13	22 33	0 12	23 16	0 35	21 31	0 49	22 11	0 19	23 17	23 13	25 24		n.a.
W 6	10 50	23 48	0n16	6 32	3 10	5 47	7 10	5 5	3 22	15 5	1 13	22 33	0 12	23 16	0 35	21 31	0 49	22 11	0 20	23 17	23 13	25 24		n.a.
T 7	10 28	25 17	1 31	6 56	3 1	5 48	7 15	5 10	3 22	15 0	1 13	22 33	0 12	23 15	0 35	21 30	0 49	22 11	0 20	23 17	23 12	25 24		n.a.
F 8	10 7	25 3	2 41	7 22	2 50	5 48	7 19	5 16	3 21	14 56	1 13	22 34	0 12	23 15	0 35	21 30	0 49	22 12	0 20	23 16	23 12	25 24		n.a.
S 9	9 45	23 5	3 41	7 49	2 38	5 46	7 23	5 21	3 20	14 51	1 13	22 34	0 12	23 15	0 35	21 30	0 49	22 12	0 20	23 16	23 12	25 24		n.a.
S 10	9 23	19 31	4 26	8 17	2 25	5 42	7 27	5 27	3 20	14 46	1 13	22 34	0 11	23 14	0 35	21 29	0 49	22 12	0 20	23 15	23 11	25 24		n.a.
M11	9 1	14 45	4 53	8 45	2 11	5 37	7 30	5 33	3 19	14 41	1 13	22 35	0 11	23 14	0 35	21 29	0 49	22 12	0 20	23 14	23 11	25 24		n.a.
T 12	8 39	9 11	5 1	9 14	1 56	5 31	7 32	5 39	3 18	14 37	1 13	22 35	0 11	23 14	0 35	21 28	0 49	22 12	0 20	23 13	23 11	25 24		n.a.
W13	8 17	3 16	4 49	9 42	1 41	5 23	7 34	5 45	3 17	14 32	1 13	22 35	0 11	23 14	0 35	21 28	0 49	22 12	0 20	23 12	23 10	25 23		n.a.
T 14	7 55	2s40	4 21	10 10	1 25	5 13	7 34	5 51	3 16	14 27	1 13	22 36	0 11	23 13	0 35	21 28	0 49	22 13	0 20	23 11	23 10	25 23		n.a.
F 15	7 32	8 18	3 39	10 37	1 9	5 2	7 35	5 57	3 14	14 22	1 13	22 36	0 11	23 13	0 35	21 27	0 49	22 13	0 20	23 10	23 10	25 23		n.a.
S 16	7 10	13 24	2 47	11 2	0 53	4 50	7 34	6 4	3 13	14 17	1 13	22 36	0 11	23 13	0 35	21 27	0 49	22 13	0 21	23 9	23 9	25 23		n.a.
S 17	6 47	17 46	1 47	11 26	0 36	4 36	7 33	6 10	3 12	14 13	1 13	22 37	0 11	23 12	0 35	21 27	0 49	22 13	0 21	23 9	23 9	25 23		n.a.
M18	6 25	21 16	0 45	11 48	0 20	4 21	7 30	6 17	3 10	14 8	1 14	22 37	0 11	23 12	0 35	21 26	0 49	22 13	0 21	23 9	23 9	25 23		n.a.
T 19	6 2	23 47	0s19	12 9	0 5	4 4	7 27	6 24	3 9	14 3	1 14	22 37	0 10	23 12	0 35	21 26	0 49	22 13	0 21	23 9	23 8	25 23		n.a.
W20	5 39	25 12	1 20	12 27	0s11	3 47	7 23	6 30	3 7	13 58	1 14	22 38	0 10	23 12	0 35	21 26	0 49	22 13	0 21	23 9	23 8	25 23		n.a.
T 21	5 16	25 28	2 18	12 43	0 26	3 28	7 19	6 37	3 5	13 54	1 14	22 38	0 10	23 11	0 35	21 25	0 49	22 13	0 21	23 9	23 8	25 23		n.a.
F 22	4 53	24 34	3 11	12 57	0 40	3 8	7 13	6 44	3 3	13 49	1 14	22 39	0 10	23 11	0 35	21 25	0 49	22 14	0 21	23 8	23 7	25 23		n.a.
S 23	4 30	22 33	3 55	13 8	0 54	2 47	7 7	6 51	3 1	13 44	1 14	22 39	0 10	23 11	0 35	21 25	0 50	22 14	0 21	23 8	23 7	25 22		n.a.
S 24	4 7	19 32	4 29	13 17	1 7	2 25	6 59	6 57	2 59	13 39	1 14	22 40	0 10	23 10	0 35	21 24	0 50	22 14	0 21	23 7	23 7	25 22		n.a.
M25	3 44	15 36	4 51	13 24	1 19	2 3	6 51	7 4	2 57	13 35	1 14	22 40	0 10	23 10	0 35	21 24	0 50	22 14	0 21	23 5	23 6	25 22		n.a.
T 26	3 21	10 57	5 0	13 29	1 31	1 40	6 43	7 11	2 55	13 30	1 14	22 41	0 10	23 10	0 35	21 24	0 50	22 14	0 22	23 4	23 6	25 22		n.a.
W27	2 57	5 46	4 54	13 31	1 41	1 17	6 33	7 17	2 53	13 25	1 14	22 41	0 9	23 10	0 35	21 23	0 50	22 14	0 22	23 3	23 6	25 22		n.a.
T 28	2 34	0 14	4 33	13 31	1 52	0 53	6 23	7 24	2 50	13 20	1 14	22 42	0 9	23 10	0 35	21 23	0 50	22 14	0 22	23 1	23 5	25 22		n.a.
F 29	2 11	5n24	3 58	13 28	2 1	0 29	6 13	7 30	2 48	13 16	1 15	22 42	0 9	23 9	0 35	21 23	0 50	22 14	0 22	23 0	23 5	25 21		n.a.
S 30	1 47	10 53	3 8	13 24	2 9	0 5	6 1	7 36	2 45	13 11	1 15	22 43	0 9	23 9	0 35	21 23	0 50	22 14	0 22	22 59	23 5	25 21		n.a.
S 31	1s24	15n57	2s 8	13s17	2s17	0s19	5n50	7n42	2n43	13s 6	1s15	22n43	0s 9	23s 9	0s35	21s22	0s50	22s14	0s22	22n59	23n 4	25s21		n.a.

Julian Day Number = 1194791.5, Delta T = 09h28m32s
Ecliptic obliquity = 23°51'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'11, Lahiri = -23°51'11 Julian Calendar 1 March 1442 BCE == Greg. Calendar 16 Feb. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

APRIL 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 43 55	27♓29'54	3♊28	2♓10	15°R20	16°R40	29♒29	13♊54	18♑30	29♑47	7°R 3	14°R45	15♊33	18♑20	n.a.	M 1
T 2	11 47 52	28°27'36	17°19	2°56	14♓50	16♍19	29°42	13°57	18°32	29°49	7♐ 3	14°D44	15°30	18°27	n.a.	T 2
W 3	11 51 48	29°25'17	1♋19	3°46	14°22	15°59	29°56	14° 1	18°33	29°50	7° 3	14°R45	15°27	18°34	n.a.	W 3
T 4	11 55 45	0♈22'57	15°29	4°39	13°56	15°39	0♓ 9	14° 5	18°35	29°52	7° 2	14♊44	15°24	18°40	n.a.	T 4
F 5	11 59 41	1°20'34	29°47	5°35	13°31	15°19	0°22	14° 9	18°36	29°53	7° 2	14°41	15°20	18°47	n.a.	F 5
S 6	12 3 38	2°18'10	14♌11	6°35	13° 9	15° 0	0°36	14°12	18°38	29°54	7° 1	14°36	15°17	18°54	n.a.	S 6
S 7	12 7 34	3°15'43	28°37	7°37	12°50	14°41	0°49	14°16	18°39	29°55	7° 1	14°29	15°14	19° 0	n.a.	S 7
M 8	12 11 31	4°13'16	12♍59	8°43	12°32	14°23	1° 2	14°21	18°41	29°57	7° 1	14°19	15°11	19° 7	n.a.	M 8
T 9	12 15 28	5°10'46	27°12	9°51	12°17	14° 5	1°15	14°25	18°42	29°58	7° 0	14° 8	15° 8	19°14	n.a.	T 9
W10	12 19 24	6° 8'16	11♎10	11° 2	12° 5	13°48	1°28	14°29	18°43	29°59	7° 0	13°58	15° 5	19°20	n.a.	W10
T 11	12 23 21	7° 5'44	24°48	12°16	11°55	13°31	1°41	14°33	18°45	0♒ 0	6°59	13°49	15° 1	19°27	n.a.	T 11
F 12	12 27 17	8° 3'11	8♏ 5	13°32	11°47	13°15	1°54	14°38	18°46	0° 1	6°58	13°42	14°58	19°34	n.a.	F 12
S 13	12 31 14	9° 0'37	20°59	14°52	11°42	13° 0	2° 7	14°42	18°47	0° 2	6°58	13°37	14°55	19°40	n.a.	S 13
S 14	12 35 10	9°58'02	3♐32	16°13	11°39	12°45	2°20	14°47	18°48	0° 3	6°57	13°35	14°52	19°47	n.a.	S 14
M15	12 39 7	10°55'26	15°47	17°38	11°D38	12°31	2°32	14°52	18°49	0° 4	6°57	13°D35	14°49	19°54	n.a.	M15
T 16	12 43 3	11°52'49	27°48	19° 4	11°40	12°18	2°45	14°56	18°50	0° 5	6°56	13°35	14°46	20° 0	n.a.	T 16
W17	12 47 0	12°50'11	9♑42	20°34	11°44	12° 5	2°58	15° 1	18°51	0° 6	6°55	13°R36	14°42	20° 7	n.a.	W17
T 18	12 50 57	13°47'33	21°31	22° 5	11°51	11°53	3°10	15° 6	18°52	0° 7	6°55	13°35	14°39	20°14	n.a.	T 18
F 19	12 54 53	14°44'53	3♒23	23°40	11°59	11°42	3°23	15°11	18°53	0° 8	6°54	13°33	14°36	20°20	n.a.	F 19
S 20	12 58 50	15°42'13	15°22	25°16	12°10	11°32	3°35	15°16	18°54	0° 9	6°53	13°29	14°33	20°27	n.a.	S 20
S 21	13 2 46	16°39'32	27°32	26°55	12°23	11°22	3°47	15°21	18°55	0°10	6°52	13°23	14°30	20°34	n.a.	S 21
M22	13 6 43	17°36'50	9♓56	28°37	12°38	11°13	4° 0	15°26	18°56	0°11	6°51	13°15	14°26	20°40	n.a.	M22
T 23	13 10 39	18°34'07	22°37	0♈21	12°54	11° 6	4°12	15°32	18°56	0°12	6°51	13° 6	14°23	20°47	n.a.	T 23
W24	13 14 36	19°31'24	5♈35	2° 7	13°13	10°58	4°24	15°37	18°57	0°12	6°50	12°57	14°20	20°54	n.a.	W24
T 25	13 18 32	20°28'40	18°51	3°55	13°34	10°52	4°36	15°42	18°58	0°13	6°49	12°48	14°17	21° 1	n.a.	T 25
F 26	13 22 29	21°25'55	2♉22	5°46	13°56	10°47	4°48	15°48	18°58	0°14	6°48	12°41	14°14	21° 7	n.a.	F 26
S 27	13 26 26	22°23'09	16° 6	7°40	14°20	10°42	5° 0	15°53	18°59	0°14	6°47	12°36	14°11	21°14	n.a.	S 27
S 28	13 30 22	23°20'22	0♊ 1	9°35	14°45	10°38	5°11	15°59	18°59	0°15	6°46	12°33	14° 7	21°21	n.a.	S 28
M29	13 34 19	24°17'34	14° 2	11°33	15°12	10°36	5°23	16° 5	19° 0	0°16	6°45	12°D33	14° 4	21°27	n.a.	M29
T 30	13 38 15	25♈14'46	28♊ 9	13♈33	15♓41	10♍33	5♓35	16♊10	19♑ 0	0♒16	6♐44	12♊34	14♊ 1	21♑34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1s 1	20n15	0s59	13s 8	2s24	0s42	5n38	7n48	2n40	13s 1	1s15	22n44	0s 9	23s 9	0s35	21s22	0s50	22s14	0s22	22n59	23n 4	25s21		n.a.
T 2	0 37	23 28	0n14	12 56	2 31	1 5	5 25	7 54	2 37	12 57	1 15	22 44	0 9	23 8	0 35	21 22	0 50	22 14	0 22	22 58	23 4	25 21		n.a.
W 3	0 14	25 18	1 27	12 43	2 36	1 28	5 12	7 59	2 34	12 52	1 15	22 45	0 9	23 8	0 35	21 21	0 50	22 14	0 22	22 58	23 3	25 20		n.a.
T 4	0n 9	25 31	2 35	12 28	2 41	1 51	4 59	8 5	2 32	12 47	1 15	22 45	0 9	23 8	0 35	21 21	0 50	22 14	0 23	22 58	23 3	25 20		n.a.
F 5	0 33	24 3	3 35	12 10	2 45	2 12	4 46	8 10	2 29	12 43	1 15	22 46	0 8	23 8	0 35	21 21	0 50	22 15	0 23	22 58	23 3	25 20		n.a.
S 6	0 56	21 1	4 21	11 51	2 48	2 33	4 32	8 15	2 26	12 38	1 16	22 46	0 8	23 8	0 35	21 21	0 50	22 15	0 23	22 58	23 2	25 20		n.a.
S 7	1 19	16 41	4 51	11 30	2 51	2 53	4 18	8 19	2 23	12 33	1 16	22 47	0 8	23 8	0 35	21 20	0 50	22 15	0 23	22 57	23 2	25 20		n.a.
M 8	1 42	11 26	5 2	11 6	2 53	3 13	4 5	8 24	2 20	12 29	1 16	22 48	0 8	23 7	0 36	21 20	0 50	22 15	0 23	22 55	23 1	25 19		n.a.
T 9	2 6	5 37	4 54	10 41	2 54	3 31	3 51	8 28	2 16	12 24	1 16	22 48	0 8	23 7	0 36	21 20	0 50	22 15	0 23	22 54	23 1	25 19		n.a.
W10	2 29	0s23	4 29	10 14	2 54	3 49	3 37	8 32	2 13	12 19	1 16	22 49	0 8	23 7	0 36	21 20	0 50	22 15	0 23	22 53	23 1	25 19		n.a.
T 11	2 52	6 14	3 49	9 45	2 54	4 5	3 24	8 35	2 10	12 15	1 16	22 49	0 8	23 7	0 36	21 20	0 50	22 15	0 23	22 52	23 0	25 19		n.a.
F 12	3 15	11 39	2 57	9 14	2 53	4 21	3 10	8 39	2 7	12 10	1 16	22 50	0 8	23 7	0 36	21 19	0 50	22 15	0 23	22 51	23 0	25 18		n.a.
S 13	3 38	16 26	1 57	8 42	2 52	4 35	2 57	8 42	2 4	12 6	1 16	22 51	0 8	23 7	0 36	21 19	0 50	22 15	0 23	22 50	23 0	25 18		n.a.
S 14	4 1	20 22	0 53	8 8	2 50	4 48	2 44	8 44	2 0	12 1	1 17	22 51	0 7	23 7	0 36	21 19	0 50	22 15	0 24	22 50	22 59	25 18		n.a.
M15	4 24	23 17	0s12	7 32	2 47	5 0	2 31	8 47	1 57	11 57	1 17	22 52	0 7	23 6	0 36	21 19	0 50	22 15	0 24	22 50	22 59	25 17		n.a.
T 16	4 47	25 6	1 15	6 54	2 44	5 12	2 18	8 49	1 54	11 52	1 17	22 53	0 7	23 6	0 36	21 19	0 50	22 15	0 24	22 50	22 59	25 17		n.a.
W17	5 9	25 45	2 15	6 14	2 40	5 22	2 5	8 51	1 50	11 48	1 17	22 53	0 7	23 6	0 36	21 18	0 50	22 15	0 24	22 50	22 58	25 17		n.a.
T 18	5 32	25 13	3 9	5 33	2 35	5 30	1 53	8 52	1 47	11 43	1 17	22 54	0 7	23 6	0 36	21 18	0 50	22 15	0 24	22 50	22 58	25 16		n.a.
F 19	5 55	23 32	3 54	4 51	2 30	5 38	1 41	8 54	1 44	11 39	1 17	22 55	0 7	23 6	0 36	21 18	0 50	22 15	0 24	22 50	22 57	25 16		n.a.
S 20	6 17	20 48	4 30	4 6	2 24	5 45	1 29	8 55	1 41	11 34	1 18	22 55	0 7	23 6	0 36	21 18	0 51	22 15	0 24	22 49	22 57	25 16		n.a.
S 21	6 40	17 8	4 54	3 21	2 18	5 51	1 17	8 55	1 37	11 30	1 18	22 56	0 7	23 6	0 36	21 18	0 51	22 15	0 24	22 49	22 57	25 15		n.a.
M22	7 2	12 40	5 5	2 33	2 11	5 55	1 6	8 56	1 34	11 25	1 18	22 57	0 7	23 6	0 36	21 18	0 51	22 15	0 24	22 48	22 56	25 15		n.a.
T 23	7 24	7 35	5 1	1 45	2 4	5 59	0 55	8 56	1 31	11 21	1 18	22 57	0 7	23 6	0 36	21 18	0 51	22 14	0 25	22 47	22 56	25 15		n.a.
W24	7 46	2 3	4 42	0 55	1 56	6 1	0 45	8 55	1 27	11 17	1 18	22 58	0 6	23 6	0 36	21 17	0 51	22 14	0 25	22 45	22 56	25 14		n.a.
T 25	8 8	3n42	4 8	0 3	1 47	6 3	0 34	8 55	1 24	11 12	1 18	22 59	0 6	23 6	0 36	21 17	0 51	22 14	0 25	22 44	22 55	25 14		n.a.
F 26	8 30	9 24	3 19	0n50	1 39	6 4	0 24	8 54	1 21	11 8	1 19	22 59	0 6	23 6	0 36	21 17	0 51	22 14	0 25	22 43	22 55	25 14		n.a.
S 27	8 52	14 46	2 17	1 44	1 29	6 3	0 14	8 53	1 18	11 4	1 19	23 0	0 6	23 5	0 36	21 17	0 51	22 14	0 25	22 43	22 54	25 13		n.a.
S 28	9 13	19 25	1 7	2 39	1 20	6 2	0 5	8 51	1 15	11 0	1 19	23 1	0 6	23 5	0 36	21 17	0 51	22 14	0 25	22 42	22 54	25 13		n.a.
M29	9 35	23 1	0n 8	3 34	1 10	6 0	0s 4	8 49	1 11	10 55	1 19	23 1	0 6	23 5	0 36	21 17	0 51	22 14	0 25	22 42	22 54	25 13		n.a.
T 30	9n56	25n14	1n23	4n31	1s 0	5s57	0s13	8n47	1n 8	10s51	1s19	23n 2	0s 6	23s 5	0s36	21s17	0s51	22s14	0s25	22n42	22n53	25s12		n.a.

Julian Day Number = 1194822.5, Delta T = 09h28m30s
Ecliptic obliquity = 23°51'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'07, Lahiri = -23°51'06 Julian Calendar 1 Apr. 1442 BCE == Greg. Calendar 19 March 1442 BCE

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

MAY 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 42 12	26♈11'56	12♋18	15♈34	16♓11	10°R32	5♓46	16♊16	19♑ 0	0♒17	6°R43	12♊35	13♊58	21♑41	n.a.	W 1
T 2	13 46 8	27° 9'06	26°29	17°38	16°42	10°D32	5°58	16°22	19° 1	0°17	6♐42	12°R35	13°55	21°47	n.a.	T 2
F 3	13 50 5	28° 6'14	10♌39	19°44	17°15	10♍32	6° 9	16°28	19° 1	0°18	6°41	12°35	13°51	21°54	n.a.	F 3
S 4	13 54 1	29° 3'22	24°47	21°50	17°49	10°34	6°20	16°34	19° 1	0°18	6°40	12°32	13°48	22° 1	n.a.	S 4
S 5	13 57 58	0♉ 0'29	8♍51	23°59	18°25	10°36	6°32	16°40	19° 1	0°19	6°39	12°28	13°45	22° 7	n.a.	S 5
M 6	14 1 55	0°57'35	22°47	26° 8	19° 1	10°38	6°43	16°46	19° 1	0°19	6°38	12°22	13°42	22°14	n.a.	M 6
T 7	14 5 51	1°54'40	6♎33	28°18	19°39	10°42	6°54	16°52	19°R 1	0°19	6°37	12°16	13°39	22°21	n.a.	T 7
W 8	14 9 48	2°51'45	20° 5	0♉29	20°18	10°46	7° 5	16°59	19° 1	0°20	6°36	12°10	13°36	22°27	n.a.	W 8
T 9	14 13 44	3°48'49	3♏22	2°41	20°58	10°52	7°15	17° 5	19° 1	0°20	6°34	12° 4	13°32	22°34	n.a.	T 9
F 10	14 17 41	4°45'53	16°22	4°52	21°39	10°58	7°26	17°11	19° 1	0°20	6°33	12° 0	13°29	22°41	n.a.	F 10
S 11	14 21 37	5°42'57	29° 5	7° 3	22°21	11° 4	7°37	17°18	19° 1	0°20	6°32	11°58	13°26	22°47	n.a.	S 11
S 12	14 25 34	6°40'00	11♐31	9°14	23° 4	11°12	7°47	17°24	19° 1	0°20	6°31	11°D57	13°23	22°54	n.a.	S 12
M13	14 29 30	7°37'03	23°42	11°24	23°48	11°20	7°57	17°30	19° 1	0°21	6°30	11°57	13°20	23° 1	n.a.	M13
T 14	14 33 27	8°34'07	5♑43	13°33	24°33	11°29	8° 8	17°37	19° 0	0°21	6°28	11°59	13°17	23° 7	n.a.	T 14
W15	14 37 24	9°31'10	17°36	15°41	25°18	11°38	8°18	17°44	19° 0	0°21	6°27	12° 1	13°13	23°14	n.a.	W15
T 16	14 41 20	10°28'14	29°27	17°47	26° 5	11°48	8°28	17°50	19° 0	0°21	6°26	12° 2	13°10	23°21	n.a.	T 16
F 17	14 45 17	11°25'17	11♒19	19°52	26°52	11°59	8°38	17°57	18°59	0°R21	6°25	12°R 2	13° 7	23°27	n.a.	F 17
S 18	14 49 13	12°22'21	23°19	21°56	27°40	12°11	8°48	18° 4	18°59	0°21	6°23	12° 2	13° 4	23°34	n.a.	S 18
S 19	14 53 10	13°19'25	5♓31	23°57	28°29	12°23	8°58	18°10	18°58	0°21	6°22	12° 0	13° 1	23°41	n.a.	S 19
M20	14 57 6	14°16'29	17°58	25°57	29°19	12°36	9° 7	18°17	18°57	0°21	6°21	11°57	12°57	23°47	n.a.	M20
T 21	15 1 3	15°13'33	0♈44	27°55	0♈ 9	12°50	9°17	18°24	18°57	0°21	6°19	11°53	12°54	23°54	n.a.	T 21
W22	15 5 0	16°10'37	13°52	29°52	1° 0	13° 4	9°26	18°31	18°56	0°20	6°18	11°50	12°51	24° 1	n.a.	W22
T 23	15 8 56	17° 7'42	27°21	1♊46	1°51	13°19	9°35	18°38	18°55	0°20	6°17	11°46	12°48	24° 7	n.a.	T 23
F 24	15 12 53	18° 4'47	11♉10	3°38	2°43	13°34	9°45	18°45	18°55	0°20	6°15	11°43	12°45	24°14	n.a.	F 24
S 25	15 16 49	19° 1'52	25°16	5°28	3°36	13°50	9°54	18°52	18°54	0°20	6°14	11°41	12°42	24°21	n.a.	S 25
S 26	15 20 46	19°58'57	9♊36	7°16	4°29	14° 7	10° 3	18°59	18°53	0°20	6°13	11°D40	12°38	24°28	n.a.	S 26
M27	15 24 42	20°56'03	24° 3	9° 3	5°23	14°24	10°11	19° 6	18°52	0°19	6°11	11°41	12°35	24°34	n.a.	M27
T 28	15 28 39	21°53'08	8♋34	10°47	6°17	14°42	10°20	19°13	18°51	0°19	6°10	11°42	12°32	24°41	n.a.	T 28
W29	15 32 35	22°50'14	23° 2	12°29	7°12	15° 0	10°28	19°20	18°50	0°19	6° 8	11°43	12°29	24°48	n.a.	W29
T 30	15 36 32	23°47'20	7♌24	14° 9	8° 8	15°19	10°37	19°27	18°49	0°18	6° 7	11°44	12°26	24°54	n.a.	T 30
F 31	15 40 29	24♉44'25	21♌37	15♊47	9♈ 3	15♍38	10♓45	19♊34	18♑48	0♒18	6♐ 6	11°R45	12♊23	25♑ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	10n17	25n50	2n34	5n29	0s49	5s53	0s22	8n45	1n 5	10s47	1s19	23n 3	0s 6	23s 5	0s36	21s17	0s51	22s14	0s25	22n42	22n53	25s12			n.a.
T 2	10 38	24 45	3 35	6 27	0 39	5 48	0 30	8 42	1 2	10 43	1 20	23 4	0 6	23 5	0 36	21 17	0 51	22 14	0 25	22 43	22 53	25 11			n.a.
F 3	10 59	22 5	4 23	7 25	0 28	5 42	0 38	8 39	0 59	10 39	1 20	23 4	0 6	23 5	0 36	21 17	0 51	22 14	0 26	22 42	22 52	25 11			n.a.
S 4	11 20	18 6	4 55	8 23	0 17	5 36	0 46	8 36	0 56	10 35	1 20	23 5	0 5	23 5	0 36	21 17	0 51	22 14	0 26	22 42	22 52	25 10			n.a.
S 5	11 40	13 9	5 9	9 22	0 7	5 29	0 53	8 32	0 53	10 31	1 20	23 6	0 5	23 5	0 36	21 17	0 51	22 14	0 26	22 42	22 51	25 10			n.a.
M 6	12 1	7 33	5 4	10 20	0n 4	5 21	1 1	8 29	0 50	10 27	1 20	23 6	0 5	23 5	0 37	21 16	0 51	22 14	0 26	22 41	22 51	25 10			n.a.
T 7	12 21	1 40	4 42	11 17	0 15	5 12	1 8	8 24	0 47	10 23	1 21	23 7	0 5	23 5	0 37	21 16	0 51	22 13	0 26	22 40	22 51	25 9			n.a.
W 8	12 41	4s13	4 5	12 14	0 25	5 3	1 14	8 20	0 44	10 19	1 21	23 8	0 5	23 6	0 37	21 16	0 51	22 13	0 26	22 39	22 50	25 9			n.a.
T 9	13 1	9 49	3 14	13 10	0 35	4 53	1 21	8 15	0 41	10 15	1 21	23 9	0 5	23 6	0 37	21 16	0 51	22 13	0 26	22 38	22 50	25 8			n.a.
F 10	13 20	14 53	2 15	14 4	0 45	4 42	1 27	8 10	0 38	10 11	1 21	23 9	0 5	23 6	0 37	21 16	0 51	22 13	0 26	22 38	22 49	25 8			n.a.
S 11	13 40	19 11	1 10	14 58	0 54	4 30	1 33	8 5	0 36	10 7	1 21	23 10	0 5	23 6	0 37	21 16	0 51	22 13	0 26	22 37	22 49	25 7			n.a.
S 12	13 59	22 31	0 2	15 49	1 3	4 18	1 39	8 0	0 33	10 3	1 22	23 11	0 5	23 6	0 37	21 16	0 51	22 13	0 26	22 37	22 49	25 7			n.a.
M13	14 18	24 46	1s 4	16 39	1 11	4 6	1 44	7 54	0 30	10 0	1 22	23 11	0 5	23 6	0 37	21 16	0 51	22 13	0 27	22 37	22 48	25 6			n.a.
T 14	14 37	25 50	2 6	17 26	1 19	3 52	1 49	7 48	0 27	9 56	1 22	23 12	0 4	23 6	0 37	21 16	0 52	22 13	0 27	22 38	22 48	25 6			n.a.
W15	14 55	25 42	3 3	18 12	1 26	3 38	1 54	7 42	0 25	9 52	1 22	23 13	0 4	23 6	0 37	21 16	0 52	22 13	0 27	22 38	22 47	25 5			n.a.
T 16	15 13	24 23	3 51	18 55	1 33	3 24	1 59	7 36	0 22	9 49	1 23	23 14	0 4	23 6	0 37	21 16	0 52	22 12	0 27	22 38	22 47	25 5			n.a.
F 17	15 32	22 0	4 30	19 36	1 38	3 9	2 4	7 29	0 19	9 45	1 23	23 14	0 4	23 6	0 37	21 16	0 52	22 12	0 27	22 38	22 47	25 4			n.a.
S 18	15 49	18 39	4 57	20 14	1 44	2 54	2 8	7 22	0 17	9 42	1 23	23 15	0 4	23 6	0 37	21 17	0 52	22 12	0 27	22 38	22 46	25 4			n.a.
S 19	16 7	14 28	5 11	20 50	1 48	2 38	2 12	7 15	0 14	9 38	1 23	23 16	0 4	23 6	0 37	21 17	0 52	22 12	0 27	22 38	22 46	25 3			n.a.
M20	16 24	9 36	5 12	21 24	1 52	2 21	2 16	7 8	0 12	9 35	1 23	23 16	0 4	23 6	0 37	21 17	0 52	22 12	0 27	22 37	22 45	25 3			n.a.
T 21	16 41	4 13	4 57	21 55	1 55	2 4	2 20	7 0	0 9	9 31	1 24	23 17	0 4	23 7	0 37	21 17	0 52	22 12	0 27	22 37	22 45	25 2			n.a.
W22	16 58	1n29	4 26	22 24	1 58	1 47	2 23	6 53	0 7	9 28	1 24	23 18	0 4	23 7	0 37	21 17	0 52	22 12	0 27	22 36	22 45	25 2			n.a.
T 23	17 15	7 18	3 40	22 50	1 59	1 29	2 26	6 45	0 5	9 24	1 24	23 18	0 4	23 7	0 37	21 17	0 52	22 12	0 28	22 36	22 44	25 1			n.a.
F 24	17 31	12 55	2 40	23 14	2 1	1 11	2 30	6 36	0 2	9 21	1 24	23 19	0 4	23 7	0 37	21 17	0 52	22 11	0 28	22 35	22 44	25 0			n.a.
S 25	17 47	17 59	1 29	23 35	2 1	0 52	2 33	6 28	0s 0	9 18	1 25	23 20	0 3	23 7	0 37	21 17	0 52	22 11	0 28	22 35	22 43	25 0			n.a.
S 26	18 3	22 6	0 11	23 54	2 1	0 33	2 35	6 19	0 2	9 15	1 25	23 21	0 3	23 7	0 37	21 17	0 52	22 11	0 28	22 35	22 43	24 59			n.a.
M27	18 18	24 51	1n 8	24 11	2 0	0 14	2 38	6 11	0 5	9 11	1 25	23 21	0 3	23 7	0 37	21 17	0 52	22 11	0 28	22 35	22 43	24 59			n.a.
T 28	18 34	25 58	2 23	24 25	1 59	0n 6	2 40	6 2	0 7	9 8	1 25	23 22	0 3	23 8	0 37	21 17	0 52	22 11	0 28	22 35	22 42	24 58			n.a.
W29	18 49	25 17	3 29	24 37	1 57	0 26	2 42	5 52	0 9	9 5	1 26	23 23	0 3	23 8	0 37	21 17	0 52	22 11	0 28	22 35	22 42	24 57			n.a.
T 30	19 3	22 57	4 21	24 47	1 54	0 46	2 44	5 43	0 11	9 2	1 26	23 23	0 3	23 8	0 37	21 18	0 52	22 11	0 28	22 36	22 41	24 57			n.a.
F 31	19n17	19n13	4n57	24n56	1n51	1n 7	2s46	5n33	0s13	8s59	1s26	23n24	0s 3	23s 8	0s37	21s18	0s52	22s10	0s28	22n36	22n41	24s56			n.a.

Julian Day Number = 1194852.5, Delta T = 09h28m28s
Ecliptic obliquity = 23°51'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°58'03, Lahiri = -23°51'02 Julian Calendar 1 May 1442 BCE == Greg. Calendar 18 Apr. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

JUNE 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 44 25	25♉41'31	5♍39	17♊23	10♈ 0	15♍58	10♓53	19♊42	18°R47	0°R17	6°R 4	11°R44	12♊19	25♑ 8	n.a.	S 1
S 2	15 48 22	26°38'36	19°28	18°57	10°56	16°19	11° 1	19°49	18♑46	0♒17	6♐ 3	11♊44	12°16	25°14	n.a.	S 2
M 3	15 52 18	27°35'42	3♎ 4	20°29	11°53	16°40	11° 9	19°56	18°45	0°16	6° 1	11°42	12°13	25°21	n.a.	M 3
T 4	15 56 15	28°32'48	16°26	21°59	12°51	17° 1	11°17	20° 4	18°43	0°16	6° 0	11°40	12°10	25°28	n.a.	T 4
W 5	16 0 11	29°29'55	29°34	23°26	13°49	17°23	11°24	20°11	18°42	0°15	5°58	11°39	12° 7	25°34	n.a.	W 5
T 6	16 4 8	0♊27'01	12♏28	24°52	14°47	17°46	11°32	20°18	18°41	0°15	5°57	11°37	12° 3	25°41	n.a.	T 6
F 7	16 8 5	1°24'09	25° 8	26°15	15°46	18° 9	11°39	20°26	18°39	0°14	5°55	11°36	12° 0	25°48	n.a.	F 7
S 8	16 12 1	2°21'17	7♐35	27°37	16°45	18°32	11°46	20°33	18°38	0°13	5°54	11°D36	11°57	25°54	n.a.	S 8
S 9	16 15 58	3°18'26	19°50	28°56	17°45	18°56	11°53	20°41	18°37	0°13	5°53	11°36	11°54	26° 1	n.a.	S 9
M10	16 19 54	4°15'35	1♑54	0♋12	18°45	19°20	12° 0	20°48	18°35	0°12	5°51	11°37	11°51	26° 8	n.a.	M10
T 11	16 23 51	5°12'45	13°51	1°27	19°45	19°45	12° 7	20°56	18°34	0°11	5°50	11°37	11°48	26°14	n.a.	T 11
W12	16 27 47	6° 9'57	25°43	2°39	20°45	20°10	12°13	21° 3	18°32	0°10	5°48	11°38	11°44	26°21	n.a.	W12
T 13	16 31 44	7° 7'09	7♒33	3°49	21°46	20°35	12°20	21°11	18°31	0° 9	5°47	11°38	11°41	26°28	n.a.	T 13
F 14	16 35 41	8° 4'22	19°26	4°56	22°47	21° 1	12°26	21°18	18°29	0° 9	5°45	11°39	11°38	26°34	n.a.	F 14
S 15	16 39 37	9° 1'36	1♓25	6° 0	23°49	21°28	12°32	21°26	18°27	0° 8	5°44	11°39	11°35	26°41	n.a.	S 15
S 16	16 43 34	9°58'52	13°36	7° 2	24°51	21°54	12°38	21°33	18°26	0° 7	5°42	11°R39	11°32	26°48	n.a.	S 16
M17	16 47 30	10°56'08	26° 2	8° 1	25°53	22°21	12°43	21°41	18°24	0° 6	5°41	11°39	11°29	26°55	n.a.	M17
T 18	16 51 27	11°53'26	8♈47	8°57	26°55	22°49	12°49	21°48	18°22	0° 5	5°40	11°D39	11°25	27° 1	n.a.	T 18
W19	16 55 23	12°50'45	21°55	9°50	27°58	23°16	12°54	21°56	18°20	0° 4	5°38	11°39	11°22	27° 8	n.a.	W19
T 20	16 59 20	13°48'05	5♉28	10°39	29° 1	23°45	13° 0	22° 4	18°19	0° 3	5°37	11°39	11°19	27°15	n.a.	T 20
F 21	17 3 16	14°45'26	19°26	11°26	0♉ 4	24°13	13° 5	22°11	18°17	0° 2	5°35	11°39	11°16	27°21	n.a.	F 21
S 22	17 7 13	15°42'49	3♊46	12° 9	1° 7	24°42	13°10	22°19	18°15	0° 1	5°34	11°39	11°13	27°28	n.a.	S 22
S 23	17 11 10	16°40'13	18°25	12°48	2°11	25°11	13°14	22°27	18°13	29♑59	5°32	11°R39	11° 9	27°35	n.a.	S 23
M24	17 15 6	17°37'38	3♋16	13°23	3°15	25°41	13°19	22°34	18°11	29°59	5°31	11°39	11° 6	27°41	n.a.	M24
T 25	17 19 3	18°35'04	18°11	13°54	4°19	26°11	13°23	22°42	18° 9	29°58	5°30	11°39	11° 3	27°48	n.a.	T 25
W26	17 22 59	19°32'31	3♌ 3	14°21	5°23	26°41	13°28	22°50	18° 7	29°56	5°28	11°38	11° 0	27°55	n.a.	W26
T 27	17 26 56	20°30'00	17°44	14°44	6°28	27°12	13°32	22°57	18° 5	29°55	5°27	11°37	10°57	28° 1	n.a.	T 27
F 28	17 30 52	21°27'29	2♍ 9	15° 2	7°33	27°42	13°35	23° 5	18° 3	29°54	5°25	11°36	10°54	28° 8	n.a.	F 28
S 29	17 34 49	22°24'59	16°15	15°15	8°38	28°14	13°39	23°13	18° 1	29°53	5°24	11°D36	10°50	28°15	n.a.	S 29
S 30	17 38 45	23♊22'29	29♍59	15♋23	9♉43	28♍45	13♓43	23♊20	17♑59	29♑52	5♐23	11♊36	10♊47	28♑21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n31	14n27	5n14	25n 2	1n47	1n28	2s48	5n24	0s15	8s56	1s26	23n25	0s 3	23s 8	0s37	21s18	0s52	22s10	0s28	22n36	22n40	24s56		n.a.
S 2	19 45	9 1	5 13	25 6	1 43	1 49	2 49	5 14	0 17	8 54	1 27	23 25	0 3	23 9	0 37	21 18	0 52	22 10	0 29	22 36	22 40	24 55		n.a.
M 3	19 58	3 15	4 54	25 9	1 38	2 10	2 51	5 4	0 19	8 51	1 27	23 26	0 3	23 9	0 37	21 18	0 52	22 10	0 29	22 35	22 40	24 54		n.a.
T 4	20 11	2s35	4 20	25 9	1 33	2 32	2 52	4 53	0 21	8 48	1 27	23 27	0 3	23 9	0 38	21 18	0 52	22 10	0 29	22 35	22 39	24 54		n.a.
W 5	20 24	8 13	3 32	25 9	1 27	2 54	2 53	4 43	0 23	8 45	1 27	23 27	0 2	23 9	0 38	21 18	0 52	22 10	0 29	22 35	22 39	24 53		n.a.
T 6	20 36	13 24	2 34	25 6	1 20	3 16	2 54	4 32	0 25	8 43	1 28	23 28	0 2	23 9	0 38	21 19	0 52	22 9	0 29	22 35	22 38	24 52		n.a.
F 7	20 48	17 56	1 30	25 2	1 13	3 38	2 55	4 21	0 27	8 40	1 28	23 29	0 2	23 10	0 38	21 19	0 52	22 9	0 29	22 35	22 38	24 52		n.a.
S 8	21 0	21 36	0 22	24 57	1 6	4 1	2 55	4 10	0 29	8 38	1 28	23 29	0 2	23 10	0 38	21 19	0 52	22 9	0 29	22 35	22 37	24 51		n.a.
S 9	21 11	24 13	0s45	24 50	0 58	4 23	2 56	3 59	0 31	8 35	1 29	23 30	0 2	23 10	0 38	21 19	0 53	22 9	0 29	22 35	22 37	24 50		n.a.
M10	21 22	25 41	1 50	24 42	0 50	4 46	2 56	3 48	0 33	8 33	1 29	23 30	0 2	23 10	0 38	21 19	0 53	22 9	0 29	22 35	22 37	24 50		n.a.
T 11	21 33	25 56	2 50	24 33	0 41	5 9	2 56	3 36	0 34	8 31	1 29	23 31	0 2	23 11	0 38	21 20	0 53	22 9	0 29	22 35	22 36	24 49		n.a.
W12	21 43	25 0	3 41	24 23	0 32	5 32	2 56	3 25	0 36	8 28	1 29	23 32	0 2	23 11	0 38	21 20	0 53	22 8	0 30	22 35	22 36	24 48		n.a.
T 13	21 53	22 56	4 23	24 11	0 23	5 55	2 56	3 13	0 38	8 26	1 30	23 32	0 2	23 11	0 38	21 20	0 53	22 8	0 30	22 35	22 35	24 48		n.a.
F 14	22 3	19 53	4 54	23 59	0 13	6 18	2 56	3 1	0 39	8 24	1 30	23 33	0 2	23 11	0 38	21 20	0 53	22 8	0 30	22 35	22 35	24 47		n.a.
S 15	22 12	16 0	5 12	23 46	0 3	6 41	2 55	2 49	0 41	8 22	1 30	23 33	0 2	23 12	0 38	21 20	0 53	22 8	0 30	22 35	22 34	24 46		n.a.
S 16	22 20	11 25	5 17	23 33	0s 8	7 5	2 55	2 37	0 43	8 20	1 31	23 34	0 1	23 12	0 38	21 21	0 53	22 8	0 30	22 35	22 34	24 45		n.a.
M17	22 29	6 17	5 7	23 18	0 19	7 28	2 54	2 25	0 44	8 18	1 31	23 35	0 1	23 12	0 38	21 21	0 53	22 8	0 30	22 35	22 33	24 45		n.a.
T 18	22 37	0 46	4 43	23 3	0 30	7 52	2 54	2 12	0 46	8 16	1 31	23 35	0 1	23 12	0 38	21 21	0 53	22 7	0 30	22 35	22 33	24 44		n.a.
W19	22 44	4n57	4 2	22 48	0 42	8 15	2 53	1 59	0 48	8 14	1 31	23 36	0 1	23 13	0 38	21 21	0 53	22 7	0 30	22 35	22 33	24 43		n.a.
T 20	22 52	10 38	3 8	22 33	0 53	8 39	2 52	1 47	0 49	8 12	1 32	23 36	0 1	23 13	0 38	21 22	0 53	22 7	0 30	22 35	22 32	24 42		n.a.
F 21	22 59	15 58	2 0	22 17	1 5	9 2	2 51	1 34	0 51	8 11	1 32	23 37	0 1	23 13	0 38	21 22	0 53	22 7	0 30	22 35	22 32	24 42		n.a.
S 22	23 5	20 34	0 44	22 0	1 18	9 25	2 50	1 21	0 52	8 9	1 32	23 37	0 1	23 13	0 38	21 22	0 53	22 7	0 30	22 35	22 31	24 41		n.a.
S 23	23 11	23 58	0n37	21 44	1 30	9 49	2 48	1 8	0 53	8 7	1 33	23 38	0 1	23 14	0 38	21 22	0 53	22 7	0 31	22 35	22 31	24 40		n.a.
M24	23 17	25 46	1 57	21 28	1 43	10 12	2 47	0 55	0 55	8 6	1 33	23 38	0 1	23 14	0 38	21 23	0 53	22 6	0 31	22 35	22 30	24 39		n.a.
T 25	23 22	25 43	3 9	21 12	1 56	10 36	2 46	0 41	0 56	8 4	1 33	23 39	0 1	23 14	0 38	21 23	0 53	22 6	0 31	22 35	22 30	24 39		n.a.
W26	23 27	23 50	4 8	20 57	2 9	10 59	2 44	0 28	0 58	8 3	1 34	23 39	0 1	23 15	0 38	21 23	0 53	22 6	0 31	22 35	22 29	24 38		n.a.
T 27	23 31	20 22	4 50	20 41	2 21	11 22	2 42	0 14	0 59	8 2	1 34	23 40	0 0	23 15	0 38	21 24	0 53	22 6	0 31	22 35	22 29	24 37		n.a.
F 28	23 35	15 44	5 12	20 27	2 34	11 45	2 41	0 0	1 0	8 1	1 34	23 40	0 0	23 15	0 38	21 24	0 53	22 6	0 31	22 35	22 29	24 36		n.a.
S 29	23 39	10 21	5 16	20 13	2 47	12 8	2 39	0s13	1 2	7 59	1 35	23 41	0 0	23 15	0 38	21 24	0 53	22 6	0 31	22 34	22 28	24 35		n.a.
S 30	23n42	4n35	5n 1	19n59	3s 0	12n30	2s37	0s27	1s 3	7s58	1s35	23n41	0s 0	23s16	0s38	21s24	0s53	22s 5	0s31	22n34	22n28	24s35		n.a.

Julian Day Number = 1194883.5, Delta T = 09h28m26s
Ecliptic obliquity = 23°51'54, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'58, Lahiri = -23°50'58 Julian Calendar 1 June 1442 BCE == Greg. Calendar 19 May 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

JULY 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 42 42	24♊20'01	13♎25	15°R26	10♉48	29♍17	13♓46	23♊28	17°R57	29°R50	5°R21	11♊36	10♊44	28♉28	n.a.	M 1
T 2	17 46 39	25°17'34	26°30	15♋24	11°54	29°49	13°49	23°36	17♉55	29♉49	5♐20	11°37	10°41	28°35	n.a.	T 2
W 3	17 50 35	26°15'08	9♏19	15°16	13° 0	0♎21	13°52	23°43	17°52	29°48	5°19	11°38	10°38	28°42	n.a.	W 3
T 4	17 54 32	27°12'44	21°54	15° 2	14° 6	0°54	13°55	23°51	17°50	29°47	5°17	11°40	10°35	28°48	n.a.	T 4
F 5	17 58 28	28°10'21	4♐16	14°43	15°12	1°27	13°57	23°59	17°48	29°45	5°16	11°40	10°31	28°55	n.a.	F 5
S 6	18 2 25	29° 7'59	16°28	14°19	16°18	2° 0	14° 0	24° 6	17°46	29°44	5°15	11°R40	10°28	29° 2	n.a.	S 6
S 7	18 6 21	0♋ 5'39	28°32	13°49	17°25	2°33	14° 2	24°14	17°44	29°42	5°13	11°40	10°25	29° 8	n.a.	S 7
M 8	18 10 18	1° 3'20	10♉29	13°14	18°31	3° 7	14° 4	24°22	17°41	29°41	5°12	11°38	10°22	29°15	n.a.	M 8
T 9	18 14 15	2° 1'02	22°22	12°35	19°38	3°41	14° 6	24°29	17°39	29°40	5°11	11°35	10°19	29°22	n.a.	T 9
W10	18 18 11	2°58'47	4♒12	11°51	20°45	4°15	14° 7	24°37	17°37	29°38	5° 9	11°32	10°15	29°28	n.a.	W10
T 11	18 22 8	3°56'33	16° 3	11° 4	21°53	4°49	14° 9	24°45	17°34	29°37	5° 8	11°28	10°12	29°35	n.a.	T 11
F 12	18 26 4	4°54'21	27°56	10°13	23° 0	5°24	14°10	24°52	17°32	29°35	5° 7	11°25	10° 9	29°42	n.a.	F 12
S 13	18 30 1	5°52'10	9♓56	9°21	24° 8	5°59	14°11	25° 0	17°30	29°34	5° 6	11°22	10° 6	29°48	n.a.	S 13
S 14	18 33 57	6°50'02	22° 5	8°28	25°15	6°34	14°12	25° 7	17°27	29°32	5° 5	11°20	10° 3	29°55	n.a.	S 14
M15	18 37 54	7°47'55	4♈28	7°34	26°23	7° 9	14°12	25°15	17°25	29°31	5° 3	11°D19	10° 0	0♒ 2	n.a.	M15
T 16	18 41 50	8°45'51	17° 9	6°42	27°31	7°45	14°13	25°23	17°23	29°29	5° 2	11°19	9°56	0° 9	n.a.	T 16
W17	18 45 47	9°43'48	0♉12	5°52	28°39	8°21	14°13	25°30	17°20	29°28	5° 1	11°20	9°53	0°15	n.a.	W17
T 18	18 49 43	10°41'48	13°40	5° 5	29°48	8°57	14°R13	25°38	17°18	29°26	5° 0	11°22	9°50	0°22	n.a.	T 18
F 19	18 53 40	11°39'49	27°34	4°22	0♊56	9°33	14°13	25°45	17°16	29°25	4°59	11°23	9°47	0°29	n.a.	F 19
S 20	18 57 37	12°37'53	11♊56	3°45	2° 5	10° 9	14°12	25°53	17°13	29°23	4°58	11°R24	9°44	0°35	n.a.	S 20
S 21	19 1 33	13°35'59	26°41	3°14	3°14	10°46	14°12	26° 0	17°11	29°22	4°57	11°23	9°41	0°42	n.a.	S 21
M22	19 5 30	14°34'06	11♋45	2°50	4°23	11°23	14°11	26° 7	17° 9	29°20	4°56	11°20	9°37	0°49	n.a.	M22
T 23	19 9 26	15°32'16	26°57	2°33	5°32	12° 0	14°10	26°15	17° 6	29°18	4°55	11°17	9°34	0°55	n.a.	T 23
W24	19 13 23	16°30'27	12♌ 8	2°24	6°41	12°37	14° 9	26°22	17° 4	29°17	4°54	11°12	9°31	1° 2	n.a.	W24
T 25	19 17 19	17°28'40	27° 9	2°D23	7°50	13°14	14° 7	26°30	17° 1	29°15	4°53	11° 7	9°28	1° 9	n.a.	T 25
F 26	19 21 16	18°26'55	11♍50	2°31	9° 0	13°52	14° 6	26°37	16°59	29°14	4°52	11° 2	9°25	1°16	n.a.	F 26
S 27	19 25 12	19°25'11	26° 7	2°48	10° 9	14°30	14° 4	26°44	16°57	29°12	4°51	10°58	9°21	1°22	n.a.	S 27
S 28	19 29 9	20°23'29	9♎57	3°13	11°19	15° 8	14° 2	26°52	16°54	29°10	4°50	10°56	9°18	1°29	n.a.	S 28
M29	19 33 6	21°21'49	23°20	3°47	12°29	15°46	14° 0	26°59	16°52	29° 9	4°49	10°D56	9°15	1°36	n.a.	M29
T 30	19 37 2	22°20'10	6♏19	4°29	13°39	16°24	13°57	27° 6	16°49	29° 7	4°48	10°56	9°12	1°42	n.a.	T 30
W31	19 40 59	23♋18'34	18♏58	5♋19	14♊49	17♎ 3	13♓55	27♊13	16♉47	29♉ 5	4♐47	10♊58	9♊ 9	1♒49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n44	1s16	4n29	19n47	3s12	12n53	2s35	0s41	1s 4	7s57	1s35	23n42	0s 0	23s16	0s38	21s25	0s53	22s 5	0s31	22n35	22n27	24s34			n.a.
T 2	23 47	6 55	3 45	19 35	3 24	13 15	2 33	0 55	1 5	7 56	1 35	23 42	0 0	23 16	0 38	21 25	0 53	22 5	0 31	22 35	22 27	24 33			n.a.
W 3	23 49	12 11	2 50	19 25	3 35	13 38	2 30	1 10	1 7	7 55	1 36	23 43	0n 0	23 17	0 38	21 25	0 53	22 5	0 31	22 35	22 26	24 32			n.a.
T 4	23 50	16 50	1 47	19 16	3 46	14 0	2 28	1 24	1 8	7 55	1 36	23 43	0 0	23 17	0 38	21 26	0 53	22 5	0 32	22 35	22 26	24 31			n.a.
F 5	23 51	20 42	0 41	19 8	3 56	14 22	2 26	1 38	1 9	7 54	1 36	23 44	0 0	23 17	0 38	21 26	0 53	22 5	0 32	22 35	22 25	24 30			n.a.
S 6	23 52	23 36	0s26	19 1	4 5	14 43	2 23	1 53	1 10	7 53	1 37	23 44	0 0	23 18	0 38	21 26	0 53	22 5	0 32	22 35	22 25	24 29			n.a.
S 7	23 52	25 23	1 32	18 57	4 13	15 5	2 21	2 7	1 11	7 53	1 37	23 45	0 0	23 18	0 38	21 27	0 53	22 4	0 32	22 35	22 24	24 29			n.a.
M 8	23 52	25 58	2 32	18 53	4 20	15 26	2 18	2 22	1 12	7 52	1 37	23 45	0 1	23 18	0 38	21 27	0 53	22 4	0 32	22 35	22 24	24 28			n.a.
T 9	23 51	25 21	3 26	18 52	4 25	15 47	2 16	2 37	1 14	7 52	1 38	23 45	0 1	23 19	0 38	21 27	0 54	22 4	0 32	22 34	22 23	24 27			n.a.
W10	23 50	23 35	4 10	18 52	4 29	16 7	2 13	2 51	1 15	7 52	1 38	23 46	0 1	23 19	0 38	21 28	0 54	22 4	0 32	22 34	22 23	24 26			n.a.
T 11	23 48	20 49	4 44	18 53	4 31	16 28	2 10	3 6	1 16	7 51	1 38	23 46	0 1	23 19	0 38	21 28	0 54	22 4	0 32	22 33	22 23	24 25			n.a.
F 12	23 46	17 10	5 5	18 57	4 32	16 48	2 8	3 21	1 17	7 51	1 39	23 47	0 1	23 20	0 38	21 28	0 54	22 4	0 32	22 33	22 22	24 24			n.a.
S 13	23 44	12 48	5 14	19 2	4 30	17 7	2 5	3 36	1 18	7 51	1 39	23 47	0 1	23 20	0 38	21 29	0 54	22 4	0 32	22 33	22 22	24 23			n.a.
S 14	23 41	7 54	5 8	19 9	4 27	17 27	2 2	3 51	1 19	7 51	1 39	23 47	0 1	23 20	0 38	21 29	0 54	22 3	0 32	22 32	22 21	24 22			n.a.
M15	23 38	2 36	4 49	19 17	4 22	17 46	1 59	4 6	1 20	7 51	1 40	23 48	0 1	23 21	0 38	21 29	0 54	22 3	0 33	22 32	22 21	24 21			n.a.
T 16	23 34	2n56	4 15	19 27	4 15	18 5	1 56	4 21	1 21	7 51	1 40	23 48	0 1	23 21	0 38	21 30	0 54	22 3	0 33	22 32	22 20	24 20			n.a.
W17	23 30	8 31	3 27	19 38	4 6	18 23	1 53	4 37	1 22	7 51	1 40	23 49	0 1	23 21	0 38	21 30	0 54	22 3	0 33	22 32	22 20	24 19			n.a.
T 18	23 25	13 54	2 26	19 51	3 55	18 41	1 50	4 52	1 22	7 52	1 41	23 49	0 1	23 22	0 38	21 30	0 54	22 3	0 33	22 33	22 19	24 19			n.a.
F 19	23 21	18 45	1 15	20 4	3 43	18 58	1 47	5 7	1 23	7 52	1 41	23 49	0 1	23 22	0 38	21 31	0 54	22 3	0 33	22 33	22 19	24 18			n.a.
S 20	23 15	22 40	0n 3	20 19	3 30	19 15	1 44	5 23	1 24	7 52	1 41	23 50	0 2	23 22	0 38	21 31	0 54	22 3	0 33	22 33	22 18	24 17			n.a.
S 21	23 9	25 12	1 23	20 35	3 15	19 32	1 40	5 38	1 25	7 53	1 42	23 50	0 2	23 22	0 38	21 31	0 54	22 3	0 33	22 33	22 18	24 16			n.a.
M22	23 3	25 58	2 38	20 51	2 59	19 48	1 37	5 53	1 26	7 54	1 42	23 50	0 2	23 23	0 38	21 32	0 54	22 2	0 33	22 32	22 17	24 15			n.a.
T 23	22 56	24 47	3 43	21 8	2 42	20 4	1 34	6 9	1 27	7 54	1 42	23 50	0 2	23 23	0 38	21 32	0 54	22 2	0 33	22 32	22 17	24 14			n.a.
W24	22 49	21 48	4 32	21 26	2 25	20 19	1 30	6 25	1 28	7 55	1 42	23 51	0 2	23 23	0 38	21 32	0 54	22 2	0 33	22 31	22 16	24 13			n.a.
T 25	22 42	17 23	5 2	21 43	2 7	20 34	1 27	6 40	1 28	7 56	1 43	23 51	0 2	23 24	0 38	21 33	0 54	22 2	0 33	22 30	22 16	24 12			n.a.
F 26	22 34	12 1	5 11	22 1	1 50	20 49	1 24	6 56	1 29	7 57	1 43	23 51	0 2	23 24	0 38	21 33	0 54	22 2	0 33	22 30	22 15	24 11			n.a.
S 27	22 26	6 9	5 0	22 18	1 32	21 3	1 20	7 11	1 30	7 58	1 43	23 52	0 2	23 24	0 38	21 34	0 54	22 2	0 34	22 29	22 15	24 10			n.a.
S 28	22 17	0 9	4 32	22 35	1 14	21 16	1 17	7 27	1 31	7 59	1 44	23 52	0 2	23 25	0 39	21 34	0 54	22 2	0 34	22 29	22 14	24 9			n.a.
M29	22 8	5s40	3 50	22 52	0 57	21 29	1 14	7 43	1 31	8 0	1 44	23 52	0 2	23 25	0 39	21 34	0 54	22 2	0 34	22 29	22 14	24 8			n.a.
T 30	21 59	11 5	2 57	23 7	0 40	21 41	1 10	7 58	1 32	8 1	1 44	23 52	0 2	23 25	0 39	21 35	0 54	22 2	0 34	22 29	22 13	24 7			n.a.
W31	21n49	15s54	1n57	23n21	0s24	21n53	1s 7	8s14	1s33	8s 2	1s45	23n53	0n 3	23s26	0s39	21s35	0s54	22s 2	0s34	22n29	22n13	24s 6			n.a.

Julian Day Number = 1194913.5, Delta T = 09h28m25s
Ecliptic obliquity = 23°51'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'54, Lahiri = -23°50'54 Julian Calendar 1 July 1442 BCE == Greg. Calendar 18 June 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

AUGUST 1442 BCE (-1441) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 44 55	24♋16'58	1♐21	6♋17	15♊59	17♎41	13°R52	27♊20	16°R45	29°R 4	4°R46	10♊59	9♊ 6	1♒56	n.a.	T 1
F 2	19 48 52	25°15'25	13°31	7°22	17° 9	18°20	13♓49	27°27	16♑42	29♑ 2	4♐46	11°R 0	9° 2	2° 2	n.a.	F 2
S 3	19 52 48	26°13'54	25°32	8°33	18°20	18°59	13°46	27°35	16°40	29° 0	4°45	10°58	8°59	2° 9	n.a.	S 3
S 4	19 56 45	27°12'25	7♑27	9°51	19°30	19°39	13°43	27°42	16°38	28°59	4°44	10°55	8°56	2°16	n.a.	S 4
M 5	20 0 41	28°10'57	19°19	11°14	20°41	20°18	13°39	27°49	16°35	28°57	4°43	10°50	8°53	2°22	n.a.	M 5
T 6	20 4 38	29° 9'32	1♒ 9	12°42	21°51	20°57	13°36	27°56	16°33	28°56	4°43	10°42	8°50	2°29	n.a.	T 6
W 7	20 8 35	0♌ 8'08	13° 1	14°15	23° 2	21°37	13°32	28° 2	16°31	28°54	4°42	10°33	8°47	2°36	n.a.	W 7
T 8	20 12 31	1° 6'47	24°54	15°52	24°13	22°17	13°28	28° 9	16°28	28°52	4°41	10°23	8°43	2°43	n.a.	T 8
F 9	20 16 28	2° 5'28	6♓52	17°31	25°24	22°57	13°23	28°16	16°26	28°51	4°41	10°14	8°40	2°49	n.a.	F 9
S 10	20 20 24	3° 4'11	18°55	19°14	26°36	23°37	13°19	28°23	16°24	28°49	4°40	10° 5	8°37	2°56	n.a.	S 10
S 11	20 24 21	4° 2'57	1♈ 7	20°58	27°47	24°17	13°14	28°30	16°22	28°47	4°39	9°58	8°34	3° 3	n.a.	S 11
M12	20 28 17	5° 1'45	13°30	22°45	28°58	24°57	13°10	28°36	16°19	28°46	4°39	9°54	8°31	3° 9	n.a.	M12
T 13	20 32 14	6° 0'35	26° 9	24°33	0♋10	25°38	13° 5	28°43	16°17	28°44	4°38	9°51	8°27	3°16	n.a.	T 13
W14	20 36 10	6°59'28	9♉ 6	26°22	1°21	26°18	12°59	28°50	16°15	28°42	4°38	9°D51	8°24	3°23	n.a.	W14
T 15	20 40 7	7°58'23	22°25	28°12	2°33	26°59	12°54	28°56	16°13	28°41	4°37	9°51	8°21	3°29	n.a.	T 15
F 16	20 44 3	8°57'21	6♊10	0♌ 2	3°45	27°40	12°49	29° 3	16°11	28°39	4°37	9°R52	8°18	3°36	n.a.	F 16
S 17	20 48 0	9°56'21	20°22	1°52	4°57	28°21	12°43	29° 9	16° 8	28°37	4°37	9°52	8°15	3°43	n.a.	S 17
S 18	20 51 57	10°55'24	4♋59	3°43	6° 9	29° 2	12°37	29°16	16° 6	28°36	4°36	9°49	8°12	3°50	n.a.	S 18
M19	20 55 53	11°54'29	19°58	5°33	7°21	29°43	12°31	29°22	16° 4	28°34	4°36	9°44	8° 8	3°56	n.a.	M19
T 20	20 59 50	12°53'37	5♌12	7°23	8°33	0♏25	12°25	29°28	16° 2	28°33	4°35	9°37	8° 5	4° 3	n.a.	T 20
W21	21 3 46	13°52'46	20°30	9°12	9°46	1° 6	12°19	29°35	16° 0	28°31	4°35	9°28	8° 2	4°10	n.a.	W21
T 22	21 7 43	14°51'58	5♍41	11° 1	10°58	1°48	12°13	29°41	15°58	28°29	4°35	9°18	7°59	4°16	n.a.	T 22
F 23	21 11 39	15°51'12	20°34	12°49	12°10	2°30	12° 6	29°47	15°56	28°28	4°35	9° 8	7°56	4°23	n.a.	F 23
S 24	21 15 36	16°50'28	5♎ 2	14°37	13°23	3°12	12° 0	29°53	15°54	28°26	4°34	9° 0	7°52	4°30	n.a.	S 24
S 25	21 19 32	17°49'45	19° 1	16°24	14°35	3°54	11°53	29°59	15°52	28°25	4°34	8°55	7°49	4°36	n.a.	S 25
M26	21 23 29	18°49'05	2♏30	18°10	15°48	4°36	11°46	0♋ 5	15°50	28°23	4°34	8°52	7°46	4°43	n.a.	M26
T 27	21 27 26	19°48'27	15°31	19°56	17° 1	5°18	11°39	0°11	15°48	28°22	4°34	8°D50	7°43	4°50	n.a.	T 27
W28	21 31 22	20°47'50	28° 9	21°41	18°14	6° 0	11°32	0°17	15°47	28°20	4°34	8°51	7°40	4°57	n.a.	W28
T 29	21 35 19	21°47'16	10♐27	23°24	19°27	6°43	11°25	0°22	15°45	28°19	4°34	8°R51	7°37	5° 3	n.a.	T 29
F 30	21 39 15	22°46'43	22°32	25° 8	20°40	7°25	11°18	0°28	15°43	28°17	4°34	8°50	7°33	5°10	n.a.	F 30
S 31	21 43 12	23♌46'13	4♑27	26♌50	21♋53	8♏ 8	11♓10	0♋34	15♑41	28♑16	4°D34	8♊47	7♊30	5♒17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n38	19s57	0n52	23n34	0s 9	22n 4	1s 3	8s30	1s33	8s 4	1s45	23n53	0n 3	23s26	0s39	21s35	0s54	22s 2	0s34	22n29	22n12	24s 5			n.a.
F 2	21 28	23 3	0s14	23 45	0n 6	22 14	1 0	8 45	1 34	8 5	1 45	23 53	0 3	23 26	0 39	21 36	0 54	22 1	0 34	22 29	22 12	24 4			n.a.
S 3	21 17	25 5	1 18	23 55	0 20	22 24	0 56	9 1	1 35	8 7	1 45	23 53	0 3	23 26	0 39	21 36	0 54	22 1	0 34	22 29	22 11	24 2			n.a.
S 4	21 5	25 57	2 18	24 2	0 33	22 34	0 53	9 17	1 35	8 8	1 46	23 54	0 3	23 27	0 39	21 36	0 54	22 1	0 34	22 29	22 11	24 1			n.a.
M 5	20 54	25 36	3 12	24 7	0 44	22 42	0 50	9 33	1 36	8 10	1 46	23 54	0 3	23 27	0 39	21 37	0 54	22 1	0 34	22 28	22 10	24 0			n.a.
T 6	20 41	24 6	3 57	24 10	0 55	22 51	0 46	9 48	1 36	8 11	1 46	23 54	0 3	23 27	0 39	21 37	0 54	22 1	0 34	22 27	22 10	23 59			n.a.
W 7	20 29	21 32	4 32	24 10	1 5	22 58	0 43	10 4	1 37	8 13	1 46	23 54	0 3	23 28	0 39	21 38	0 54	22 1	0 34	22 26	22 9	23 58			n.a.
T 8	20 16	18 4	4 55	24 8	1 14	23 5	0 39	10 20	1 38	8 15	1 47	23 54	0 3	23 28	0 39	21 38	0 54	22 1	0 35	22 24	22 9	23 57			n.a.
F 9	20 3	13 51	5 5	24 3	1 22	23 11	0 36	10 35	1 38	8 17	1 47	23 55	0 3	23 28	0 38	21 38	0 54	22 1	0 35	22 23	22 8	23 56			n.a.
S 10	19 49	9 5	5 2	23 55	1 28	23 17	0 32	10 51	1 39	8 19	1 47	23 55	0 3	23 29	0 38	21 39	0 54	22 1	0 35	22 21	22 8	23 55			n.a.
S 11	19 35	3 54	4 45	23 45	1 34	23 22	0 29	11 6	1 39	8 21	1 47	23 55	0 4	23 29	0 38	21 39	0 54	22 1	0 35	22 20	22 7	23 54			n.a.
M12	19 21	1n31	4 15	23 32	1 39	23 26	0 25	11 22	1 40	8 23	1 48	23 55	0 4	23 29	0 38	21 39	0 54	22 1	0 35	22 20	22 7	23 53			n.a.
T 13	19 6	6 59	3 32	23 17	1 43	23 30	0 22	11 38	1 40	8 25	1 48	23 55	0 4	23 29	0 38	21 40	0 54	22 1	0 35	22 19	22 6	23 52			n.a.
W14	18 51	12 18	2 37	22 59	1 46	23 33	0 19	11 53	1 40	8 27	1 48	23 55	0 4	23 30	0 38	21 40	0 54	22 1	0 35	22 19	22 6	23 50			n.a.
T 15	18 36	17 13	1 32	22 40	1 48	23 35	0 15	12 9	1 41	8 30	1 48	23 56	0 4	23 30	0 38	21 40	0 54	22 1	0 35	22 19	22 5	23 49			n.a.
F 16	18 20	21 24	0 20	22 18	1 50	23 37	0 12	12 24	1 41	8 32	1 49	23 56	0 4	23 30	0 38	21 41	0 54	22 1	0 35	22 19	22 5	23 48			n.a.
S 17	18 4	24 26	0n56	21 54	1 51	23 38	0 9	12 39	1 42	8 34	1 49	23 56	0 4	23 30	0 38	21 41	0 54	22 1	0 35	22 19	22 4	23 47			n.a.
S 18	17 48	25 56	2 10	21 28	1 51	23 38	0 5	12 55	1 42	8 37	1 49	23 56	0 4	23 31	0 38	21 41	0 54	22 1	0 35	22 19	22 4	23 46			n.a.
M19	17 31	25 35	3 17	21 0	1 51	23 37	0 2	13 10	1 42	8 39	1 49	23 56	0 4	23 31	0 38	21 42	0 54	22 1	0 35	22 18	22 3	23 45			n.a.
T 20	17 15	23 21	4 11	20 31	1 49	23 36	0n 1	13 25	1 43	8 42	1 49	23 56	0 4	23 31	0 38	21 42	0 54	22 1	0 35	22 17	22 3	23 43			n.a.
W21	16 57	19 26	4 47	20 0	1 48	23 34	0 4	13 40	1 43	8 45	1 50	23 56	0 5	23 31	0 38	21 42	0 54	22 1	0 36	22 16	22 2	23 42			n.a.
T 22	16 40	14 16	5 2	19 28	1 46	23 32	0 8	13 55	1 43	8 47	1 50	23 57	0 5	23 32	0 38	21 43	0 54	22 1	0 36	22 14	22 2	23 41			n.a.
F 23	16 22	8 20	4 57	18 54	1 43	23 29	0 11	14 10	1 44	8 50	1 50	23 57	0 5	23 32	0 38	21 43	0 54	22 1	0 36	22 13	22 1	23 40			n.a.
S 24	16 4	2 7	4 33	18 20	1 40	23 25	0 14	14 25	1 44	8 53	1 50	23 57	0 5	23 32	0 38	21 43	0 54	22 1	0 36	22 12	22 1	23 39			n.a.
S 25	15 46	4s 0	3 52	17 44	1 37	23 20	0 17	14 40	1 44	8 55	1 50	23 57	0 5	23 32	0 38	21 44	0 54	22 1	0 36	22 11	22 0	23 38			n.a.
M26	15 27	9 44	3 0	17 7	1 33	23 14	0 20	14 55	1 45	8 58	1 51	23 57	0 5	23 32	0 38	21 44	0 54	22 1	0 36	22 10	22 0	23 36			n.a.
T 27	15 8	14 51	2 1	16 30	1 29	23 8	0 23	15 10	1 45	9 1	1 51	23 57	0 5	23 33	0 38	21 44	0 54	22 1	0 36	22 10	21 59	23 35			n.a.
W28	14 49	19 11	0 57	15 51	1 24	23 2	0 26	15 25	1 45	9 4	1 51	23 57	0 5	23 33	0 38	21 45	0 54	22 1	0 36	22 10	21 59	23 34			n.a.
T 29	14 30	22 33	0s 9	15 12	1 20	22 54	0 29	15 39	1 45	9 7	1 51	23 57	0 5	23 33	0 38	21 45	0 54	22 1	0 36	22 10	21 58	23 33			n.a.
F 30	14 10	24 51	1 12	14 33	1 15	22 46	0 32	15 54	1 46	9 10	1 51	23 57	0 5	23 33	0 38	21 45	0 54	22 1	0 36	22 10	21 58	23 31			n.a.
S 31	13n50	25s59	2s11	13n52	1n 9	22n37	0n34	16s 8	1s46	9s13	1s51	23n57	0n 6	23s33	0s38	21s46	0s54	22s 1	0s36	22n10	21n57	23s30			n.a.

Julian Day Number = 1194944.5, Delta T = 09h28m23s
Ecliptic obliquity = 23°51'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'50, Lahiri = -23°50'50 Julian Calendar 1 Aug. 1442 BCE == Greg. Calendar 19 July 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

SEPTEMBER 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 47 8	24♌45'44	16♉18	28♌32	23♋ 6	8♏51	11°R 3	0♋39	15°R40	28°R14	4♐34	8°R42	7♊27	5♒23	n.a.	S 1
M 2	21 51 5	25°45'18	28° 8	0♍13	24°19	9°33	10♓55	0°45	15♉38	28♉13	4°34	8♊33	7°24	5°30	n.a.	M 2
T 3	21 55 1	26°44'53	9♒59	1°53	25°33	10°16	10°48	0°50	15°36	28°11	4°34	8°22	7°21	5°37	n.a.	T 3
W 4	21 58 58	27°44'31	21°54	3°32	26°46	10°59	10°40	0°55	15°35	28°10	4°34	8° 9	7°18	5°43	n.a.	W 4
T 5	22 2 54	28°44'11	3♓54	5°11	27°59	11°42	10°32	1° 1	15°33	28° 9	4°34	7°55	7°14	5°50	n.a.	T 5
F 6	22 6 51	29°43'52	16° 0	6°49	29°13	12°26	10°24	1° 6	15°32	28° 7	4°34	7°41	7°11	5°57	n.a.	F 6
S 7	22 10 48	0♍43'36	28°13	8°26	0♌27	13° 9	10°16	1°11	15°30	28° 6	4°34	7°28	7° 8	6° 4	n.a.	S 7
S 8	22 14 44	1°43'23	10♈34	10° 3	1°40	13°52	10° 8	1°16	15°29	28° 5	4°35	7°17	7° 5	6°10	n.a.	S 8
M 9	22 18 41	2°43'11	23° 6	11°39	2°54	14°36	10° 0	1°21	15°27	28° 3	4°35	7°10	7° 2	6°17	n.a.	M 9
T 10	22 22 37	3°43'02	5♉49	13°14	4° 8	15°19	9°52	1°26	15°26	28° 2	4°35	7° 5	6°58	6°24	n.a.	T 10
W11	22 26 34	4°42'55	18°47	14°49	5°22	16° 3	9°44	1°31	15°25	28° 1	4°35	7° 3	6°55	6°30	n.a.	W11
T 12	22 30 30	5°42'51	2♊ 2	16°23	6°36	16°46	9°36	1°35	15°23	28° 0	4°36	7° 2	6°52	6°37	n.a.	T 12
F 13	22 34 27	6°42'49	15°38	17°57	7°50	17°30	9°28	1°40	15°22	27°58	4°36	7° 2	6°49	6°44	n.a.	F 13
S 14	22 38 23	7°42'50	29°36	19°30	9° 4	18°14	9°20	1°44	15°21	27°57	4°37	7° 1	6°46	6°51	n.a.	S 14
S 15	22 42 20	8°42'53	13♋58	21° 3	10°18	18°58	9°12	1°49	15°20	27°56	4°37	6°58	6°43	6°57	n.a.	S 15
M16	22 46 16	9°42'58	28°40	22°35	11°32	19°42	9° 4	1°53	15°19	27°55	4°37	6°52	6°39	7° 4	n.a.	M16
T 17	22 50 13	10°43'06	13♌38	24° 6	12°46	20°26	8°55	1°58	15°18	27°54	4°38	6°44	6°36	7°11	n.a.	T 17
W18	22 54 10	11°43'15	28°44	25°37	14° 1	21°10	8°47	2° 2	15°17	27°53	4°38	6°33	6°33	7°17	n.a.	W18
T 19	22 58 6	12°43'27	13♍48	27° 7	15°15	21°54	8°39	2° 6	15°16	27°52	4°39	6°21	6°30	7°24	n.a.	T 19
F 20	23 2 3	13°43'41	28°40	28°37	16°29	22°38	8°31	2°10	15°15	27°51	4°40	6°10	6°27	7°31	n.a.	F 20
S 21	23 5 59	14°43'56	13♎11	0♎ 6	17°44	23°22	8°23	2°14	15°14	27°50	4°40	6° 0	6°24	7°37	n.a.	S 21
S 22	23 9 56	15°44'13	27°15	1°35	18°58	24° 7	8°15	2°18	15°13	27°49	4°41	5°53	6°20	7°44	n.a.	S 22
M23	23 13 52	16°44'32	10♏50	3° 3	20°13	24°51	8° 7	2°22	15°12	27°48	4°41	5°48	6°17	7°51	n.a.	M23
T 24	23 17 49	17°44'53	23°56	4°31	21°27	25°36	7°59	2°25	15°12	27°47	4°42	5°46	6°14	7°58	n.a.	T 24
W25	23 21 45	18°45'15	6♐37	5°58	22°42	26°20	7°51	2°29	15°11	27°46	4°43	5°D45	6°11	8° 4	n.a.	W25
T 26	23 25 42	19°45'39	18°58	7°24	23°57	27° 5	7°43	2°32	15°10	27°45	4°44	5°R46	6° 8	8°11	n.a.	T 26
F 27	23 29 39	20°46'05	1♑ 3	8°50	25°11	27°50	7°36	2°36	15°10	27°44	4°44	5°45	6° 4	8°18	n.a.	F 27
S 28	23 33 35	21°46'32	12°59	10°15	26°26	28°34	7°28	2°39	15° 9	27°43	4°45	5°43	6° 1	8°24	n.a.	S 28
S 29	23 37 32	22°47'00	24°49	11°39	27°41	29°19	7°20	2°42	15° 9	27°42	4°46	5°39	5°58	8°31	n.a.	S 29
M30	23 41 28	23♍47'31	6♒39	13♎ 3	28♌56	0♐ 4	7♓13	2♋45	15♑ 8	27♑42	4♐47	5♊31	5♊55	8♒38	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n30	25s54	3s 4	13n12	1n 4	22n28	0n37	16s22	1s46	9s16	1s51	23n57	0n 6	23s34	0s38	21s46	0s54	22s 1	0s36	22n 9	21n56	23s29		n.a.
M 2	13 10	24 39	3 49	12 30	0 58	22 17	0 40	16 36	1 46	9 19	1 51	23 58	0 6	23 34	0 38	21 46	0 54	22 2	0 36	22 7	21 56	23 28		n.a.
T 3	12 49	22 18	4 24	11 49	0 53	22 6	0 43	16 50	1 46	9 22	1 52	23 58	0 6	23 34	0 38	21 46	0 54	22 2	0 37	22 6	21 55	23 26		n.a.
W 4	12 28	18 59	4 48	11 7	0 47	21 55	0 45	17 4	1 46	9 25	1 52	23 58	0 6	23 34	0 38	21 47	0 54	22 2	0 37	22 3	21 55	23 25		n.a.
T 5	12 7	14 53	4 59	10 24	0 40	21 43	0 48	17 18	1 47	9 28	1 52	23 58	0 6	23 34	0 38	21 47	0 54	22 2	0 37	22 1	21 54	23 24		n.a.
F 6	11 46	10 9	4 57	9 42	0 34	21 30	0 50	17 32	1 47	9 31	1 52	23 58	0 6	23 35	0 38	21 47	0 54	22 2	0 37	21 59	21 54	23 23		n.a.
S 7	11 25	5 0	4 41	8 59	0 28	21 16	0 53	17 45	1 47	9 34	1 52	23 58	0 6	23 35	0 38	21 48	0 54	22 2	0 37	21 57	21 53	23 21		n.a.
S 8	11 3	0n25	4 11	8 16	0 21	21 2	0 55	17 59	1 47	9 37	1 52	23 58	0 6	23 35	0 38	21 48	0 54	22 2	0 37	21 55	21 53	23 20		n.a.
M 9	10 41	5 54	3 30	7 33	0 15	20 47	0 57	18 12	1 47	9 40	1 52	23 58	0 6	23 35	0 38	21 48	0 54	22 2	0 37	21 54	21 52	23 19		n.a.
T 10	10 19	11 14	2 37	6 50	0 8	20 32	0 59	18 25	1 47	9 44	1 52	23 58	0 7	23 35	0 38	21 48	0 54	22 2	0 37	21 53	21 52	23 17		n.a.
W11	9 57	16 12	1 35	6 6	0 2	20 16	1 2	18 38	1 47	9 47	1 52	23 58	0 7	23 35	0 38	21 49	0 54	22 3	0 37	21 52	21 51	23 16		n.a.
T 12	9 35	20 30	0 26	5 23	0s 5	19 59	1 4	18 51	1 47	9 50	1 52	23 58	0 7	23 35	0 38	21 49	0 54	22 3	0 37	21 52	21 51	23 15		n.a.
F 13	9 12	23 50	0n45	4 40	0 12	19 42	1 6	19 4	1 47	9 53	1 52	23 58	0 7	23 36	0 38	21 49	0 54	22 3	0 37	21 52	21 50	23 13		n.a.
S 14	8 50	25 48	1 56	3 57	0 19	19 24	1 8	19 17	1 47	9 56	1 52	23 58	0 7	23 36	0 38	21 49	0 54	22 3	0 37	21 52	21 49	23 12		n.a.
S 15	8 27	26 8	3 2	3 13	0 25	19 5	1 10	19 29	1 47	9 59	1 52	23 58	0 7	23 36	0 38	21 50	0 54	22 3	0 37	21 52	21 49	23 11		n.a.
M16	8 4	24 39	3 57	2 30	0 32	18 46	1 12	19 41	1 47	10 2	1 52	23 58	0 7	23 36	0 38	21 50	0 54	22 3	0 37	21 51	21 48	23 9		n.a.
T 17	7 41	21 26	4 36	1 47	0 39	18 27	1 13	19 53	1 47	10 5	1 52	23 58	0 7	23 36	0 38	21 50	0 54	22 3	0 38	21 49	21 48	23 8		n.a.
W18	7 17	16 45	4 57	1 5	0 46	18 7	1 15	20 5	1 47	10 8	1 52	23 58	0 7	23 36	0 38	21 50	0 54	22 4	0 38	21 47	21 47	23 7		n.a.
T 19	6 54	11 2	4 58	0 22	0 52	17 46	1 17	20 17	1 47	10 12	1 52	23 58	0 7	23 36	0 38	21 50	0 54	22 4	0 38	21 45	21 47	23 5		n.a.
F 20	6 31	4 46	4 38	0s20	0 59	17 25	1 18	20 29	1 47	10 15	1 52	23 58	0 8	23 36	0 38	21 51	0 54	22 4	0 38	21 43	21 46	23 4		n.a.
S 21	6 7	1s37	4 0	1 2	1 5	17 3	1 20	20 40	1 47	10 18	1 52	23 58	0 8	23 36	0 38	21 51	0 54	22 4	0 38	21 42	21 46	23 3		n.a.
S 22	5 43	7 45	3 9	1 44	1 12	16 41	1 21	20 52	1 47	10 21	1 52	23 59	0 8	23 36	0 38	21 51	0 54	22 4	0 38	21 40	21 45	23 1		n.a.
M23	5 19	13 19	2 8	2 26	1 18	16 19	1 23	21 3	1 47	10 24	1 52	23 59	0 8	23 36	0 38	21 51	0 54	22 5	0 38	21 39	21 45	23 0		n.a.
T 24	4 56	18 5	1 2	3 7	1 25	15 55	1 24	21 14	1 47	10 26	1 51	23 59	0 8	23 37	0 38	21 51	0 54	22 5	0 38	21 39	21 44	22 58		n.a.
W25	4 32	21 53	0s 5	3 48	1 31	15 32	1 25	21 24	1 47	10 29	1 51	23 59	0 8	23 37	0 38	21 52	0 54	22 5	0 38	21 39	21 43	22 57		n.a.
T 26	4 7	24 33	1 9	4 28	1 37	15 8	1 26	21 35	1 46	10 32	1 51	23 59	0 8	23 37	0 38	21 52	0 54	22 5	0 38	21 39	21 43	22 56		n.a.
F 27	3 43	26 2	2 10	5 8	1 43	14 43	1 27	21 45	1 46	10 35	1 51	23 59	0 8	23 37	0 38	21 52	0 54	22 5	0 38	21 39	21 42	22 54		n.a.
S 28	3 19	26 16	3 4	5 47	1 48	14 18	1 28	21 55	1 46	10 38	1 51	23 59	0 8	23 37	0 38	21 52	0 54	22 6	0 38	21 38	21 42	22 53		n.a.
S 29	2 55	25 18	3 49	6 26	1 54	13 53	1 29	22 5	1 46	10 41	1 51	23 59	0 9	23 37	0 38	21 52	0 54	22 6	0 38	21 38	21 41	22 51		n.a.
M30	2n30	23s12	4s25	7s 4	1s59	13n27	1n30	22s15	1s46	10s43	1s51	23n59	0n 9	23s37	0s38	21s52	0s54	22s 6	0s38	21n36	21n41	22s50		n.a.

Julian Day Number = 1194975.5, Delta T = 09h28m21s
Ecliptic obliquity = 23°51'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'46, Lahiri = -23°50'46 Julian Calendar 1 Sept. 1442 BCE == Greg. Calendar 19 Aug. 1442 BCE

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

OCTOBER 1442 BCE (-1441) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 45 25	24♍48'02	18♒33	14♎25	0♍11	0♐49	7°R 6	2♋48	15°R 8	27°R41	4♐48	5°R21	5♊52	8♒45	n.a.	T 1
W 2	23 49 21	25°48'35	0♓32	15°47	1°26	1°33	6♓58	2°51	15♑ 7	27♑40	4°49	5♊ 9	5°49	8°51	n.a.	W 2
T 3	23 53 18	26°49'10	12°40	17° 8	2°41	2°18	6°51	2°54	15° 7	27°40	4°50	4°56	5°45	8°58	n.a.	T 3
F 4	23 57 14	27°49'47	24°58	18°27	3°56	3° 3	6°44	2°56	15° 7	27°39	4°51	4°44	5°42	9° 5	n.a.	F 4
S 5	0 1 11	28°50'25	7♈25	19°45	5°11	3°48	6°37	2°59	15° 7	27°38	4°52	4°32	5°39	9°11	n.a.	S 5
S 6	0 5 7	29°51'04	20° 3	21° 2	6°26	4°33	6°30	3° 1	15° 7	27°38	4°53	4°22	5°36	9°18	n.a.	S 6
M 7	0 9 4	0♎51'46	2♉51	22°17	7°41	5°18	6°23	3° 4	15° 6	27°37	4°54	4°15	5°33	9°25	n.a.	M 7
T 8	0 13 1	1°52'29	15°49	23°30	8°56	6° 4	6°17	3° 6	15°D 6	27°37	4°55	4°11	5°29	9°31	n.a.	T 8
W 9	0 16 57	2°53'14	29° 0	24°41	10°11	6°49	6°10	3° 8	15° 6	27°36	4°56	4°D 9	5°26	9°38	n.a.	W 9
T 10	0 20 54	3°54'00	12♊23	25°50	11°26	7°34	6° 4	3°10	15° 6	27°36	4°57	4° 9	5°23	9°45	n.a.	T 10
F 11	0 24 50	4°54'49	25°59	26°56	12°41	8°19	5°58	3°12	15° 7	27°35	4°58	4°10	5°20	9°52	n.a.	F 11
S 12	0 28 47	5°55'39	9♋52	27°59	13°56	9° 4	5°52	3°14	15° 7	27°35	4°59	4°R10	5°17	9°58	n.a.	S 12
S 13	0 32 43	6°56'31	23°59	28°59	15°12	9°50	5°46	3°16	15° 7	27°35	5° 1	4° 9	5°14	10° 5	n.a.	S 13
M14	0 36 40	7°57'25	8♌22	29°54	16°27	10°35	5°40	3°17	15° 7	27°34	5° 2	4° 5	5°10	10°12	n.a.	M14
T 15	0 40 36	8°58'20	22°56	0♏46	17°42	11°20	5°34	3°19	15° 8	27°34	5° 3	3°59	5° 7	10°18	n.a.	T 15
W16	0 44 33	9°59'17	7♍37	1°32	18°58	12° 6	5°29	3°20	15° 8	27°34	5° 4	3°52	5° 4	10°25	n.a.	W16
T 17	0 48 30	11° 0'15	22°18	2°13	20°13	12°51	5°24	3°22	15° 8	27°34	5° 6	3°43	5° 1	10°32	n.a.	T 17
F 18	0 52 26	12° 1'15	6♎50	2°47	21°28	13°37	5°18	3°23	15° 9	27°33	5° 7	3°34	4°58	10°39	n.a.	F 18
S 19	0 56 23	13° 2'15	21° 8	3°15	22°44	14°22	5°13	3°24	15° 9	27°33	5° 8	3°26	4°55	10°45	n.a.	S 19
S 20	1 0 19	14° 3'17	5♏ 5	3°34	23°59	15° 8	5° 9	3°25	15°10	27°33	5°10	3°21	4°51	10°52	n.a.	S 20
M21	1 4 16	15° 4'20	18°38	3°45	25°15	15°53	5° 4	3°26	15°11	27°33	5°11	3°17	4°48	10°59	n.a.	M21
T 22	1 8 12	16° 5'25	1♐46	3°R46	26°30	16°39	5° 0	3°26	15°11	27°33	5°13	3°D16	4°45	11° 5	n.a.	T 22
W23	1 12 9	17° 6'30	14°30	3°37	27°45	17°24	4°55	3°27	15°12	27°D33	5°14	3°17	4°42	11°12	n.a.	W23
T 24	1 16 5	18° 7'35	26°55	3°17	29° 1	18°10	4°51	3°27	15°13	27°33	5°16	3°18	4°39	11°19	n.a.	T 24
F 25	1 20 2	19° 8'42	9♑ 3	2°45	0♎16	18°55	4°48	3°28	15°14	27°33	5°17	3°20	4°35	11°26	n.a.	F 25
S 26	1 23 59	20° 9'49	21° 1	2° 3	1°32	19°41	4°44	3°28	15°15	27°33	5°19	3°R20	4°32	11°32	n.a.	S 26
S 27	1 27 55	21°10'57	2♒53	1°10	2°47	20°26	4°41	3°28	15°15	27°33	5°20	3°19	4°29	11°39	n.a.	S 27
M28	1 31 52	22°12'06	14°44	0° 7	4° 3	21°12	4°37	3°R28	15°16	27°33	5°22	3°16	4°26	11°46	n.a.	M28
T 29	1 35 48	23°13'15	26°39	28♎56	5°18	21°58	4°34	3°28	15°18	27°34	5°23	3°12	4°23	11°52	n.a.	T 29
W30	1 39 45	24°14'24	8♓43	27°38	6°34	22°43	4°31	3°28	15°19	27°34	5°25	3° 6	4°20	11°59	n.a.	W30
T 31	1 43 41	25♎15'35	20♓57	26♎16	7♎49	23♐29	4♓29	3♋28	15♑20	27♑34	5♐26	2♊59	4♊16	12♒ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2n 6	20s 6	4s49	7s41	2s 4	13n 1	1n31	22s24	1s46	10s46	1s51	23n59	0n 9	23s37	0s38	21s52	0s54	22s 6	0s39	21n35	21n40	22s48		n.a.
W 2	1 42	16 9	5 0	8 18	2 9	12 35	1 32	22 34	1 45	10 49	1 50	23 59	0 9	23 37	0 38	21 53	0 54	22 7	0 39	21 32	21 39	22 47		n.a.
T 3	1 17	11 30	4 59	8 54	2 14	12 8	1 32	22 43	1 45	10 51	1 50	23 59	0 9	23 37	0 38	21 53	0 54	22 7	0 39	21 30	21 39	22 45		n.a.
F 4	0 53	6 21	4 43	9 29	2 18	11 41	1 33	22 51	1 45	10 54	1 50	23 59	0 9	23 37	0 38	21 53	0 54	22 7	0 39	21 28	21 38	22 44		n.a.
S 5	0 28	0 53	4 14	10 3	2 22	11 13	1 33	23 0	1 45	10 56	1 50	23 59	0 9	23 37	0 38	21 53	0 54	22 7	0 39	21 25	21 38	22 43		n.a.
S 6	0 4	4n42	3 32	10 35	2 26	10 45	1 34	23 8	1 45	10 59	1 50	23 59	0 9	23 37	0 37	21 53	0 54	22 8	0 39	21 24	21 37	22 41		n.a.
M 7	0s21	10 12	2 39	11 7	2 29	10 17	1 34	23 17	1 44	11 1	1 50	23 59	0 9	23 37	0 37	21 53	0 54	22 8	0 39	21 22	21 37	22 40		n.a.
T 8	0 45	15 20	1 36	11 37	2 31	9 49	1 34	23 25	1 44	11 3	1 49	23 59	0 10	23 37	0 37	21 53	0 54	22 8	0 39	21 22	21 36	22 38		n.a.
W 9	1 10	19 51	0 28	12 6	2 34	9 20	1 34	23 32	1 44	11 6	1 49	23 59	0 10	23 37	0 37	21 53	0 54	22 8	0 39	21 21	21 35	22 37		n.a.
T 10	1 35	23 24	0n44	12 33	2 35	8 51	1 35	23 40	1 44	11 8	1 49	23 59	0 10	23 37	0 37	21 53	0 54	22 9	0 39	21 21	21 35	22 35		n.a.
F 11	1 59	25 42	1 54	12 59	2 37	8 22	1 35	23 47	1 43	11 10	1 49	24 0	0 10	23 37	0 37	21 53	0 54	22 9	0 39	21 21	21 34	22 34		n.a.
S 12	2 24	26 28	2 59	13 23	2 37	7 53	1 35	23 54	1 43	11 12	1 48	24 0	0 10	23 37	0 37	21 54	0 54	22 9	0 39	21 21	21 34	22 32		n.a.
S 13	2 48	25 32	3 54	13 44	2 37	7 23	1 34	24 1	1 43	11 14	1 48	24 0	0 10	23 37	0 37	21 54	0 54	22 10	0 39	21 21	21 33	22 31		n.a.
M14	3 13	22 55	4 35	14 4	2 36	6 53	1 34	24 7	1 42	11 16	1 48	24 0	0 10	23 36	0 37	21 54	0 54	22 10	0 40	21 20	21 33	22 29		n.a.
T 15	3 37	18 49	5 0	14 20	2 34	6 23	1 34	24 13	1 42	11 18	1 48	24 0	0 10	23 36	0 37	21 54	0 54	22 10	0 40	21 19	21 32	22 27		n.a.
W16	4 1	13 33	5 5	14 34	2 31	5 52	1 34	24 19	1 42	11 20	1 48	24 0	0 11	23 36	0 37	21 54	0 54	22 10	0 40	21 18	21 31	22 26		n.a.
T 17	4 26	7 32	4 50	14 45	2 27	5 22	1 33	24 25	1 41	11 21	1 47	24 0	0 11	23 36	0 37	21 54	0 54	22 11	0 40	21 16	21 31	22 24		n.a.
F 18	4 50	1 9	4 16	14 52	2 22	4 51	1 33	24 31	1 41	11 23	1 47	24 0	0 11	23 36	0 37	21 54	0 54	22 11	0 40	21 14	21 30	22 23		n.a.
S 19	5 14	5s12	3 27	14 56	2 15	4 21	1 32	24 36	1 41	11 25	1 47	24 0	0 11	23 36	0 37	21 54	0 54	22 11	0 40	21 13	21 30	22 21		n.a.
S 20	5 38	11 10	2 26	14 55	2 8	3 50	1 32	24 41	1 40	11 26	1 46	24 0	0 11	23 36	0 37	21 54	0 54	22 12	0 40	21 12	21 29	22 20		n.a.
M21	6 2	16 25	1 18	14 50	1 59	3 19	1 31	24 45	1 40	11 28	1 46	24 0	0 11	23 36	0 37	21 54	0 54	22 12	0 40	21 11	21 28	22 18		n.a.
T 22	6 26	20 45	0 8	14 41	1 48	2 48	1 30	24 50	1 40	11 29	1 46	24 0	0 11	23 36	0 37	21 54	0 54	22 12	0 40	21 11	21 28	22 17		n.a.
W23	6 50	23 57	1s 0	14 26	1 36	2 16	1 29	24 54	1 39	11 30	1 46	24 1	0 11	23 36	0 37	21 54	0 54	22 13	0 40	21 11	21 27	22 15		n.a.
T 24	7 14	25 54	2 4	14 6	1 22	1 45	1 29	24 58	1 39	11 32	1 45	24 1	0 11	23 36	0 37	21 54	0 53	22 13	0 40	21 11	21 27	22 13		n.a.
F 25	7 37	26 34	3 1	13 41	1 6	1 14	1 28	25 2	1 38	11 33	1 45	24 1	0 12	23 35	0 37	21 54	0 53	22 13	0 40	21 12	21 26	22 12		n.a.
S 26	8 1	25 58	3 49	13 10	0 49	0 42	1 27	25 5	1 38	11 34	1 45	24 1	0 12	23 35	0 37	21 54	0 53	22 14	0 40	21 12	21 26	22 10		n.a.
S 27	8 24	24 11	4 27	12 34	0 31	0 11	1 26	25 8	1 37	11 35	1 44	24 1	0 12	23 35	0 37	21 54	0 53	22 14	0 40	21 12	21 25	22 9		n.a.
M28	8 48	21 22	4 54	11 53	0 11	0s21	1 25	25 11	1 37	11 36	1 44	24 1	0 12	23 35	0 37	21 54	0 53	22 15	0 41	21 11	21 24	22 7		n.a.
T 29	9 11	17 39	5 8	11 9	0n 9	0 52	1 23	25 13	1 37	11 37	1 44	24 1	0 12	23 35	0 37	21 53	0 53	22 15	0 41	21 10	21 24	22 5		n.a.
W30	9 34	13 11	5 8	10 21	0 30	1 24	1 22	25 16	1 36	11 37	1 43	24 1	0 12	23 35	0 37	21 53	0 53	22 15	0 41	21 9	21 23	22 4		n.a.
T 31	9s56	8s 9	4s55	9s32	0n50	1s55	1n21	25s18	1s36	11s38	1s43	24n 2	0n12	23s35	0s37	21s53	0s53	22s16	0s41	21n 8	21n23	22s 2		n.a.

Julian Day Number = 1195005.5, Delta T = 09h28m19s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'42, Lahiri = -23°50'41 Julian Calendar 1 Oct. 1442 BCE == Greg. Calendar 18 Sept. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

NOVEMBER 1442 BCE (-1441) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 47 38	26♎16'45	3♈24	24°R53	9♎ 5	24♐15	4°R26	3°R27	15♑21	27♑34	5♐28	2°R52	4♊13	12♒13	n.a.	F 1
S 2	1 51 35	27°17'57	16° 6	23♎32	10°20	25° 0	4♓24	3♋27	15°22	27°35	5°30	2♊45	4°10	12°19	n.a.	S 2
S 3	1 55 31	28°19'09	29° 2	22°15	11°36	25°46	4°22	3°26	15°23	27°35	5°31	2°40	4° 7	12°26	n.a.	S 3
M 4	1 59 28	29°20'21	12♉12	21° 5	12°51	26°32	4°20	3°25	15°25	27°36	5°33	2°37	4° 4	12°33	n.a.	M 4
T 5	2 3 24	0♏21'35	25°35	20° 3	14° 7	27°17	4°18	3°25	15°26	27°36	5°35	2°35	4° 0	12°39	n.a.	T 5
W 6	2 7 21	1°22'49	9♊ 8	19°11	15°22	28° 3	4°17	3°24	15°28	27°37	5°36	2°D35	3°57	12°46	n.a.	W 6
T 7	2 11 17	2°24'04	22°52	18°30	16°38	28°49	4°16	3°23	15°29	27°37	5°38	2°36	3°54	12°53	n.a.	T 7
F 8	2 15 14	3°25'20	6♋45	18° 0	17°53	29°34	4°15	3°21	15°31	27°38	5°40	2°38	3°51	13° 0	n.a.	F 8
S 9	2 19 10	4°26'36	20°45	17°41	19° 9	0♑20	4°14	3°20	15°32	27°38	5°42	2°39	3°48	13° 6	n.a.	S 9
S 10	2 23 7	5°27'53	4♌51	17°D32	20°24	1° 6	4°13	3°19	15°34	27°39	5°43	2°R40	3°45	13°13	n.a.	S 10
M11	2 27 4	6°29'11	19° 3	17°34	21°40	1°51	4°13	3°17	15°35	27°39	5°45	2°39	3°41	13°20	n.a.	M11
T 12	2 31 0	7°30'29	3♍17	17°45	22°55	2°37	4°D13	3°16	15°37	27°40	5°47	2°37	3°38	13°26	n.a.	T 12
W13	2 34 57	8°31'48	17°31	18° 4	24°11	3°23	4°13	3°14	15°39	27°41	5°49	2°34	3°35	13°33	n.a.	W13
T 14	2 38 53	9°33'07	1♎41	18°31	25°27	4° 8	4°13	3°12	15°41	27°42	5°51	2°31	3°32	13°40	n.a.	T 14
F 15	2 42 50	10°34'26	15°44	19° 5	26°42	4°54	4°13	3°10	15°43	27°42	5°53	2°28	3°29	13°47	n.a.	F 15
S 16	2 46 46	11°35'46	29°36	19°46	27°58	5°40	4°14	3° 8	15°44	27°43	5°54	2°25	3°26	13°53	n.a.	S 16
S 17	2 50 43	12°37'06	13♏12	20°32	29°13	6°25	4°15	3° 6	15°46	27°44	5°56	2°23	3°22	14° 0	n.a.	S 17
M18	2 54 39	13°38'26	26°31	21°22	0♏29	7°11	4°16	3° 4	15°48	27°45	5°58	2°D22	3°19	14° 7	n.a.	M18
T 19	2 58 36	14°39'47	9♐31	22°18	1°44	7°57	4°17	3° 1	15°50	27°46	6° 0	2°22	3°16	14°13	n.a.	T 19
W20	3 2 33	15°41'07	22°12	23°17	3° 0	8°42	4°19	2°59	15°52	27°47	6° 2	2°23	3°13	14°20	n.a.	W20
T 21	3 6 29	16°42'26	4♑37	24°19	4°15	9°28	4°20	2°56	15°54	27°48	6° 4	2°24	3°10	14°27	n.a.	T 21
F 22	3 10 26	17°43'46	16°47	25°25	5°31	10°13	4°22	2°54	15°57	27°49	6° 6	2°25	3° 6	14°34	n.a.	F 22
S 23	3 14 22	18°45'05	28°47	26°33	6°46	10°59	4°24	2°51	15°59	27°50	6° 8	2°27	3° 3	14°40	n.a.	S 23
S 24	3 18 19	19°46'24	10♒40	27°43	8° 2	11°45	4°27	2°48	16° 1	27°51	6°10	2°27	3° 0	14°47	n.a.	S 24
M25	3 22 15	20°47'42	22°32	28°56	9°17	12°30	4°29	2°45	16° 3	27°52	6°12	2°R28	2°57	14°54	n.a.	M25
T 26	3 26 12	21°49'00	4♓27	0♏10	10°33	13°16	4°32	2°42	16° 6	27°53	6°13	2°27	2°54	15° 0	n.a.	T 26
W27	3 30 9	22°50'17	16°30	1°27	11°48	14° 1	4°35	2°39	16° 8	27°54	6°15	2°26	2°51	15° 7	n.a.	W27
T 28	3 34 5	23°51'33	28°46	2°44	13° 4	14°47	4°38	2°36	16°10	27°56	6°17	2°25	2°47	15°14	n.a.	T 28
F 29	3 38 2	24°52'49	11♈17	4° 3	14°19	15°32	4°41	2°33	16°13	27°57	6°19	2°24	2°44	15°21	n.a.	F 29
S 30	3 41 58	25♏54'04	24♈ 7	5♏24	15♏34	16♑18	4♓45	2♋30	16♑15	27♑58	6♐21	2♊23	2♊41	15♒27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s19	2s42	4s27	8s43	1n10	2s27	1n19	25s19	1s35	11s39	1s43	24n 2	0n12	23s34	0s37	21s53	0s53	22s16	0s41	21n 6	21n22	22s 0		n.a.
S 2	10 42	2n58	3 46	7 56	1 29	2 58	1 18	25 21	1 35	11 39	1 43	24 2	0 13	23 34	0 37	21 53	0 53	22 16	0 41	21 5	21 21	21 59		n.a.
S 3	11 4	8 38	2 53	7 11	1 46	3 30	1 17	25 22	1 34	11 40	1 42	24 2	0 13	23 34	0 37	21 53	0 53	22 17	0 41	21 4	21 21	21 57		n.a.
M 4	11 26	14 3	1 49	6 30	2 1	4 1	1 15	25 23	1 34	11 40	1 42	24 2	0 13	23 34	0 37	21 53	0 53	22 17	0 41	21 3	21 20	21 55		n.a.
T 5	11 48	18 53	0 38	5 54	2 14	4 32	1 14	25 24	1 33	11 40	1 42	24 2	0 13	23 34	0 37	21 53	0 53	22 18	0 41	21 3	21 20	21 54		n.a.
W 6	12 10	22 48	0n36	5 24	2 25	5 3	1 12	25 24	1 33	11 41	1 41	24 2	0 13	23 34	0 37	21 53	0 53	22 18	0 41	21 3	21 19	21 52		n.a.
T 7	12 31	25 29	1 49	5 0	2 34	5 34	1 10	25 24	1 32	11 41	1 41	24 3	0 13	23 33	0 37	21 53	0 53	22 18	0 41	21 3	21 18	21 50		n.a.
F 8	12 53	26 37	2 56	4 43	2 41	6 5	1 9	25 24	1 32	11 41	1 41	24 3	0 13	23 33	0 37	21 52	0 53	22 19	0 41	21 3	21 18	21 49		n.a.
S 9	13 14	26 5	3 54	4 31	2 46	6 36	1 7	25 23	1 31	11 41	1 40	24 3	0 13	23 33	0 37	21 52	0 53	22 19	0 41	21 4	21 17	21 47		n.a.
S 10	13 35	23 52	4 38	4 25	2 49	7 7	1 5	25 22	1 31	11 41	1 40	24 3	0 14	23 33	0 37	21 52	0 53	22 19	0 42	21 4	21 17	21 45		n.a.
M11	13 55	20 12	5 5	4 24	2 50	7 37	1 3	25 21	1 30	11 41	1 40	24 3	0 14	23 32	0 37	21 52	0 53	22 20	0 42	21 4	21 16	21 44		n.a.
T 12	14 16	15 20	5 14	4 28	2 50	8 7	1 1	25 20	1 30	11 40	1 39	24 3	0 14	23 32	0 37	21 52	0 53	22 20	0 42	21 3	21 15	21 42		n.a.
W13	14 36	9 39	5 3	4 37	2 49	8 37	0 59	25 18	1 29	11 40	1 39	24 3	0 14	23 32	0 37	21 52	0 53	22 21	0 42	21 3	21 15	21 40		n.a.
T 14	14 56	3 30	4 34	4 49	2 46	9 7	0 57	25 17	1 29	11 40	1 39	24 4	0 14	23 32	0 37	21 52	0 53	22 21	0 42	21 2	21 14	21 39		n.a.
F 15	15 15	2s47	3 49	5 6	2 43	9 37	0 55	25 14	1 28	11 39	1 38	24 4	0 14	23 32	0 36	21 51	0 53	22 21	0 42	21 1	21 13	21 37		n.a.
S 16	15 35	8 52	2 51	5 25	2 39	10 6	0 53	25 12	1 28	11 39	1 38	24 4	0 14	23 31	0 36	21 51	0 53	22 22	0 42	21 1	21 13	21 35		n.a.
S 17	15 54	14 26	1 44	5 47	2 34	10 36	0 51	25 9	1 27	11 38	1 37	24 4	0 14	23 31	0 36	21 51	0 53	22 22	0 42	21 0	21 12	21 33		n.a.
M18	16 13	19 12	0 32	6 11	2 29	11 5	0 49	25 6	1 26	11 37	1 37	24 4	0 15	23 31	0 36	21 51	0 53	22 23	0 42	21 0	21 12	21 32		n.a.
T 19	16 31	22 55	0s39	6 37	2 23	11 33	0 47	25 3	1 26	11 36	1 37	24 5	0 15	23 31	0 36	21 51	0 53	22 23	0 42	21 0	21 11	21 30		n.a.
W20	16 50	25 25	1 47	7 5	2 17	12 2	0 45	25 0	1 25	11 36	1 36	24 5	0 15	23 30	0 36	21 50	0 53	22 24	0 42	21 0	21 10	21 28		n.a.
T 21	17 8	26 36	2 49	7 35	2 10	12 30	0 43	24 56	1 25	11 35	1 36	24 5	0 15	23 30	0 36	21 50	0 53	22 24	0 42	21 1	21 10	21 26		n.a.
F 22	17 25	26 27	3 42	8 5	2 3	12 57	0 41	24 52	1 24	11 34	1 36	24 5	0 15	23 30	0 36	21 50	0 53	22 24	0 43	21 1	21 9	21 25		n.a.
S 23	17 43	25 4	4 24	8 37	1 56	13 25	0 38	24 47	1 24	11 33	1 35	24 5	0 15	23 29	0 36	21 50	0 53	22 25	0 43	21 1	21 8	21 23		n.a.
S 24	18 0	22 34	4 54	9 10	1 49	13 52	0 36	24 43	1 23	11 31	1 35	24 5	0 15	23 29	0 36	21 49	0 53	22 25	0 43	21 1	21 8	21 21		n.a.
M25	18 16	19 9	5 12	9 43	1 41	14 19	0 34	24 38	1 22	11 30	1 35	24 6	0 16	23 29	0 36	21 49	0 53	22 26	0 43	21 1	21 7	21 19		n.a.
T 26	18 33	14 56	5 16	10 17	1 33	14 45	0 31	24 33	1 22	11 29	1 34	24 6	0 16	23 29	0 36	21 49	0 53	22 26	0 43	21 1	21 7	21 17		n.a.
W27	18 49	10 7	5 7	10 51	1 26	15 11	0 29	24 27	1 21	11 27	1 34	24 6	0 16	23 28	0 36	21 49	0 53	22 27	0 43	21 1	21 6	21 16		n.a.
T 28	19 4	4 50	4 44	11 25	1 18	15 37	0 27	24 22	1 21	11 26	1 34	24 6	0 16	23 28	0 36	21 48	0 53	22 27	0 43	21 1	21 5	21 14		n.a.
F 29	19 20	0n46	4 7	12 0	1 10	16 2	0 24	24 16	1 20	11 24	1 33	24 6	0 16	23 28	0 36	21 48	0 53	22 27	0 43	21 1	21 5	21 12		n.a.
S 30	19s34	6n28	3s17	12s34	1n 2	16s27	0n22	24s10	1s19	11s23	1s33	24n 7	0n16	23s27	0s36	21s48	0s53	22s28	0s43	21n 1	21n 4	21s10		n.a.

Julian Day Number = 1195036.5, Delta T = 09h28m17s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'38, Lahiri = -23°50'37 Julian Calendar 1 Nov. 1442 BCE == Greg. Calendar 19 Oct. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1442 BCE
geocentric

DECEMBER 1442 BCE (-1441) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 45 55	26♏55'18	7♉16	6♏45	16♏50	17♑ 3	4♓48	2°R26	16♑18	27♑59	6♐23	2°R23	2♊38	15♒34	n.a.	S 1
M 2	3 49 51	27°56'32	20°45	8° 8	18° 5	17°49	4°52	29♋23	16°20	28° 1	6°25	2♊22	2°35	15°41	n.a.	M 2
T 3	3 53 48	28°57'46	4♊33	9°31	19°21	18°34	4°56	2°19	16°23	28° 2	6°27	2°D22	2°32	15°47	n.a.	T 3
W 4	3 57 45	29°58'59	18°35	10°56	20°36	19°19	5° 1	2°15	16°25	28° 3	6°29	2°22	2°28	15°54	n.a.	W 4
T 5	4 1 41	1♐ 0'11	29♋48	12°21	21°51	20° 5	5° 5	2°12	16°28	28° 5	6°31	2°22	2°25	16° 1	n.a.	T 5
F 6	4 5 38	2° 1'23	17° 9	13°47	23° 7	20°50	5°10	2° 8	16°31	28° 6	6°33	2°R22	2°22	16° 8	n.a.	F 6
S 7	4 9 34	3° 2'35	1♌31	15°13	24°22	21°35	5°14	2° 4	16°33	28° 8	6°35	2°22	2°19	16°14	n.a.	S 7
S 8	4 13 31	4° 3'45	15°51	16°41	25°38	22°21	5°19	2° 0	16°36	28° 9	6°37	2°22	2°16	16°21	n.a.	S 8
M 9	4 17 27	5° 4'56	0♍ 6	18° 9	26°53	23° 6	5°25	1°56	16°39	28°11	6°39	2°D22	2°12	16°28	n.a.	M 9
T 10	4 21 24	6° 6'06	14°13	19°38	28° 8	23°51	5°30	1°52	16°42	28°12	6°41	2°22	2° 9	16°35	n.a.	T 10
W11	4 25 20	7° 7'15	28°10	21° 7	29°24	24°36	5°35	1°48	16°44	28°14	6°43	2°22	2° 6	16°41	n.a.	W11
T 12	4 29 17	8° 8'24	11♎57	22°37	0♐39	25°22	5°41	1°43	16°47	28°15	6°45	2°23	2° 3	16°48	n.a.	T 12
F 13	4 33 14	9° 9'32	25°32	24° 8	1°54	26° 7	5°47	1°39	16°50	28°17	6°47	2°24	2° 0	16°55	n.a.	F 13
S 14	4 37 10	10°10'39	8♏54	25°39	3°10	26°52	5°53	1°35	16°53	28°19	6°49	2°24	1°57	17° 1	n.a.	S 14
S 15	4 41 7	11°11'45	22° 4	27°11	4°25	27°37	5°59	1°31	16°56	28°20	6°51	2°25	1°53	17° 8	n.a.	S 15
M16	4 45 3	12°12'51	5♐ 1	28°43	5°40	28°22	6° 6	1°26	16°59	28°22	6°53	2°R25	1°50	17°15	n.a.	M16
T 17	4 49 0	13°13'55	17°44	0♐17	6°55	29° 7	6°12	1°22	17° 2	28°24	6°55	2°25	1°47	17°22	n.a.	T 17
W18	4 52 56	14°14'59	0♑15	1°50	8°11	29°52	6°19	1°17	17° 5	28°25	6°57	2°24	1°44	17°28	n.a.	W18
T 19	4 56 53	15°16'01	12°33	3°25	9°26	0♒37	6°26	1°13	17° 8	28°27	6°59	2°22	1°41	17°35	n.a.	T 19
F 20	5 0 50	16°17'02	24°40	5° 0	10°41	1°22	6°33	1° 8	17°11	28°29	7° 1	2°20	1°38	17°42	n.a.	F 20
S 21	5 4 46	17°18'01	6♒39	6°36	11°56	2° 7	6°40	1° 3	17°14	28°31	7° 3	2°17	1°34	17°48	n.a.	S 21
S 22	5 8 43	18°18'59	18°33	8°12	13°12	2°52	6°47	0°59	17°17	28°33	7° 5	2°15	1°31	17°55	n.a.	S 22
M23	5 12 39	19°19'56	0♓24	9°49	14°27	3°37	6°55	0°54	17°20	28°35	7° 7	2°13	1°28	18° 2	n.a.	M23
T 24	5 16 36	20°20'51	12°18	11°27	15°42	4°22	7° 2	0°49	17°23	28°36	7° 9	2°12	1°25	18° 9	n.a.	T 24
W25	5 20 32	21°21'44	24°19	13° 5	16°57	5° 6	7°10	0°44	17°26	28°38	7°11	2°D12	1°22	18°15	n.a.	W25
T 26	5 24 29	22°22'35	6♈31	14°45	18°12	5°51	7°18	0°40	17°30	28°40	7°13	2°13	1°18	18°22	n.a.	T 26
F 27	5 28 25	23°23'25	18°59	16°24	19°27	6°36	7°26	0°35	17°33	28°42	7°15	2°14	1°15	18°29	n.a.	F 27
S 28	5 32 22	24°24'13	1♉48	18° 5	20°42	7°21	7°35	0°30	17°36	28°44	7°17	2°16	1°12	18°36	n.a.	S 28
S 29	5 36 19	25°25'00	15° 1	19°47	21°58	8° 5	7°43	0°25	17°39	28°46	7°19	2°17	1° 9	18°42	n.a.	S 29
M30	5 40 15	26°25'45	28°39	21°29	23°13	8°50	7°51	0°20	17°43	28°48	7°21	2°R18	1° 6	18°49	n.a.	M30
T 31	5 44 12	27♐26'28	12♊41	23♐12	24♐28	9♒34	8♓ 0	0♋16	17♑46	28♑50	7♐23	2♊18	1♊ 3	18♒56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	19s49	12n 4	2s15	13s 9	0n55	16s51	0n20	24s 3	1s19	11s21	1s33	24n 7	0n16	23s27	0s36	21s48	0s53	22s28	0s43	21n 0	21n 3	21s 8			n.a.
M 2	20 3	17 14	1 4	13 44	0 47	17 15	0 17	23 57	1 18	11 19	1 32	24 7	0 16	23 27	0 36	21 47	0 53	22 29	0 43	21 0	21 3	21 6			n.a.
T 3	20 17	21 37	0n12	14 18	0 39	17 38	0 15	23 50	1 17	11 18	1 32	24 7	0 17	23 26	0 36	21 47	0 53	22 29	0 43	21 0	21 2	21 5			n.a.
W 4	20 30	24 50	1 29	14 52	0 31	18 1	0 13	23 43	1 17	11 16	1 32	24 7	0 17	23 26	0 36	21 47	0 53	22 30	0 44	21 0	21 2	21 3			n.a.
T 5	20 43	26 31	2 41	15 26	0 24	18 23	0 10	23 35	1 16	11 14	1 31	24 8	0 17	23 26	0 36	21 46	0 53	22 30	0 44	21 0	21 1	21 1			n.a.
F 6	20 56	26 26	3 44	16 0	0 16	18 45	0 8	23 28	1 15	11 12	1 31	24 8	0 17	23 25	0 36	21 46	0 53	22 30	0 44	21 0	21 0	20 59			n.a.
S 7	21 8	24 36	4 32	16 33	0 9	19 7	0 5	23 20	1 15	11 10	1 31	24 8	0 17	23 25	0 36	21 46	0 53	22 31	0 44	21 0	21 0	20 57			n.a.
S 8	21 20	21 12	5 4	17 6	0 2	19 28	0 3	23 12	1 14	11 7	1 30	24 8	0 17	23 25	0 36	21 46	0 53	22 31	0 44	21 0	20 59	20 55			n.a.
M 9	21 32	16 34	5 17	17 38	0s 6	19 48	0 1	23 3	1 14	11 5	1 30	24 8	0 17	23 24	0 36	21 45	0 53	22 32	0 44	21 0	20 58	20 54			n.a.
T 10	21 43	11 4	5 10	18 9	0 13	20 8	0s 2	22 55	1 13	11 3	1 30	24 8	0 17	23 24	0 36	21 45	0 53	22 32	0 44	21 0	20 58	20 52			n.a.
W11	21 53	5 6	4 46	18 40	0 20	20 27	0 4	22 46	1 12	11 0	1 29	24 9	0 17	23 23	0 36	21 45	0 53	22 33	0 44	21 0	20 57	20 50			n.a.
T 12	22 3	1s 4	4 5	19 11	0 27	20 45	0 7	22 37	1 12	10 58	1 29	24 9	0 18	23 23	0 36	21 44	0 53	22 33	0 44	21 0	20 56	20 48			n.a.
F 13	22 13	7 5	3 11	19 40	0 33	21 3	0 9	22 28	1 11	10 56	1 29	24 9	0 18	23 23	0 36	21 44	0 53	22 33	0 44	21 1	20 56	20 46			n.a.
S 14	22 22	12 43	2 7	20 9	0 40	21 21	0 11	22 18	1 10	10 53	1 29	24 9	0 18	23 22	0 36	21 44	0 53	22 34	0 44	21 1	20 55	20 44			n.a.
S 15	22 31	17 42	0 57	20 37	0 46	21 38	0 14	22 9	1 10	10 50	1 28	24 9	0 18	23 22	0 36	21 43	0 53	22 34	0 45	21 1	20 54	20 42			n.a.
M16	22 40	21 45	0s14	21 5	0 52	21 54	0 16	21 59	1 9	10 48	1 28	24 10	0 18	23 22	0 36	21 43	0 53	22 35	0 45	21 1	20 54	20 40			n.a.
T 17	22 47	24 41	1 24	21 31	0 58	22 9	0 18	21 49	1 8	10 45	1 28	24 10	0 18	23 21	0 36	21 42	0 53	22 35	0 45	21 1	20 53	20 38			n.a.
W18	22 55	26 20	2 28	21 56	1 4	22 24	0 21	21 38	1 8	10 42	1 27	24 10	0 18	23 21	0 36	21 42	0 53	22 36	0 45	21 1	20 53	20 36			n.a.
T 19	23 2	26 39	3 24	22 21	1 9	22 38	0 23	21 28	1 7	10 39	1 27	24 10	0 18	23 20	0 36	21 42	0 53	22 36	0 45	21 0	20 52	20 34			n.a.
F 20	23 9	25 40	4 10	22 44	1 15	22 52	0 25	21 17	1 6	10 36	1 27	24 10	0 19	23 20	0 36	21 41	0 53	22 36	0 45	21 0	20 51	20 33			n.a.
S 21	23 15	23 31	4 45	23 6	1 20	23 5	0 27	21 6	1 6	10 33	1 26	24 10	0 19	23 20	0 36	21 41	0 53	22 37	0 45	20 59	20 51	20 31			n.a.
S 22	23 20	20 23	5 6	23 27	1 25	23 17	0 30	20 55	1 5	10 30	1 26	24 11	0 19	23 19	0 36	21 41	0 53	22 37	0 45	20 59	20 50	20 29			n.a.
M23	23 26	16 25	5 15	23 47	1 29	23 28	0 32	20 44	1 4	10 27	1 26	24 11	0 19	23 19	0 36	21 40	0 53	22 38	0 45	20 59	20 49	20 27			n.a.
T 24	23 30	11 50	5 11	24 6	1 34	23 39	0 34	20 32	1 3	10 24	1 26	24 11	0 19	23 18	0 36	21 40	0 53	22 38	0 45	20 58	20 49	20 25			n.a.
W25	23 35	6 45	4 52	24 23	1 38	23 49	0 36	20 21	1 3	10 21	1 25	24 11	0 19	23 18	0 36	21 39	0 53	22 39	0 45	20 58	20 48	20 23			n.a.
T 26	23 38	1 21	4 21	24 39	1 41	23 58	0 38	20 9	1 2	10 18	1 25	24 11	0 19	23 17	0 36	21 39	0 53	22 39	0 46	20 58	20 47	20 21			n.a.
F 27	23 42	4n14	3 36	24 54	1 45	24 7	0 40	19 57	1 1	10 14	1 25	24 11	0 19	23 17	0 36	21 39	0 53	22 39	0 46	20 59	20 47	20 19			n.a.
S 28	23 45	9 49	2 40	25 7	1 48	24 14	0 42	19 44	1 1	10 11	1 24	24 11	0 19	23 17	0 36	21 38	0 53	22 40	0 46	20 59	20 46	20 17			n.a.
S 29	23 47	15 8	1 34	25 18	1 51	24 21	0 44	19 32	1 0	10 7	1 24	24 11	0 20	23 16	0 36	21 38	0 53	22 40	0 46	20 59	20 45	20 15			n.a.
M30	23 49	19 53	0 20	25 28	1 53	24 28	0 46	19 19	0 59	10 4	1 24	24 12	0 20	23 16	0 36	21 37	0 53	22 41	0 46	20 59	20 45	20 13			n.a.
T 31	23s50	23n40	0n57	25s36	1s55	24s33	0s48	19s 7	0s59	10s 0	1s24	24n12	0n20	23s15	0s36	21s37	0s53	22s41	0s46	20n59	20n44	20s11			n.a.

Julian Day Number = 1195066.5, Delta T = 09h28m16s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'34, Lahiri = -23°50'33 Julian Calendar 1 Dec. 1442 BCE == Greg. Calendar 18 Nov. 1442 BCE

The year -1441 astronomical counting style corresponds to year 1442 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

JANUARY 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 48 8	28♐27'09	27♊ 5	24♐56	25♐43	10♒19	8♓ 9	0°R11	17♑49	28♑52	7♐25	2°R16	0♊59	19♒ 2	n.a.	W 1
T 2	5 52 5	29°27'50	11♋46	26°41	26°58	11° 3	8°18	0♋ 6	17°52	28°54	7°27	2♊13	0°56	19° 9	n.a.	T 2
F 3	5 56 1	0♑28'28	26°36	28°26	28°13	11°48	8°27	0° 1	17°56	28°56	7°28	2° 9	0°53	19°16	n.a.	F 3
S 4	5 59 58	1°29'05	11♌27	0♑13	29°28	12°32	8°36	29♊56	17°59	28°58	7°30	2° 5	0°50	19°23	n.a.	S 4
S 5	6 3 55	2°29'40	26°11	2° 0	0♑43	13°17	8°45	29°51	18° 2	29° 0	7°32	2° 1	0°47	19°29	n.a.	S 5
M 6	6 7 51	3°30'14	10♍43	3°48	1°58	14° 1	8°55	29°46	18° 6	29° 2	7°34	1°58	0°44	19°36	n.a.	M 6
T 7	6 11 48	4°30'47	24°57	5°37	3°13	14°45	9° 4	29°42	18° 9	29° 4	7°36	1°56	0°40	19°43	n.a.	T 7
W 8	6 15 44	5°31'18	8♎53	7°26	4°28	15°30	9°14	29°37	18°12	29° 6	7°38	1°D56	0°37	19°49	n.a.	W 8
T 9	6 19 41	6°31'47	22°28	9°16	5°43	16°14	9°24	29°32	18°16	29° 9	7°39	1°56	0°34	19°56	n.a.	T 9
F 10	6 23 37	7°32'15	5♏46	11° 7	6°58	16°58	9°34	29°27	18°19	29°11	7°41	1°58	0°31	20° 3	n.a.	F 10
S 11	6 27 34	8°32'42	18°48	12°59	8°13	17°42	9°44	29°22	18°23	29°13	7°43	2° 0	0°28	20°10	n.a.	S 11
S 12	6 31 30	9°33'07	1♐35	14°51	9°27	18°26	9°54	29°18	18°26	29°15	7°45	2°R 0	0°24	20°16	n.a.	S 12
M13	6 35 27	10°33'30	14°11	16°44	10°42	19°10	10° 4	29°13	18°29	29°17	7°47	1°59	0°21	20°23	n.a.	M13
T 14	6 39 24	11°33'52	26°36	18°37	11°57	19°54	10°15	29° 8	18°33	29°19	7°48	1°57	0°18	20°30	n.a.	T 14
W15	6 43 20	12°34'12	8♑51	20°30	13°12	20°38	10°25	29° 3	18°36	29°22	7°50	1°52	0°15	20°37	n.a.	W15
T 16	6 47 17	13°34'30	20°59	22°23	14°27	21°22	10°36	28°59	18°40	29°24	7°52	1°45	0°12	20°43	n.a.	T 16
F 17	6 51 13	14°34'45	3♒ 1	24°16	15°42	22° 6	10°46	28°54	18°43	29°26	7°53	1°37	0° 9	20°50	n.a.	F 17
S 18	6 55 10	15°34'59	14°57	26° 9	16°57	22°50	10°57	28°50	18°47	29°28	7°55	1°28	0° 5	20°57	n.a.	S 18
S 19	6 59 6	16°35'11	26°49	28° 0	18°12	23°34	11° 8	28°45	18°50	29°30	7°57	1°20	0° 2	21° 3	n.a.	S 19
M20	7 3 3	17°35'20	8♓40	29°51	19°26	24°18	11°19	28°41	18°53	29°33	7°58	1°12	29♉59	21°10	n.a.	M20
T 21	7 6 59	18°35'28	20°33	1♒40	20°41	25° 2	11°30	28°36	18°57	29°35	8° 0	1° 6	29°56	21°17	n.a.	T 21
W22	7 10 56	19°35'32	2♈32	3°28	21°56	25°45	11°41	28°32	19° 0	29°37	8° 2	1° 2	29°53	21°24	n.a.	W22
T 23	7 14 52	20°35'35	14°41	5°13	23°11	26°29	11°53	28°27	19° 4	29°39	8° 3	1° 1	29°50	21°30	n.a.	T 23
F 24	7 18 49	21°35'35	27° 4	6°55	24°25	27°13	12° 4	28°23	19° 7	29°42	8° 5	1°D 1	29°46	21°37	n.a.	F 24
S 25	7 22 46	22°35'33	9♉47	8°34	25°40	27°56	12°15	28°19	19°11	29°44	8° 6	1° 2	29°43	21°44	n.a.	S 25
S 26	7 26 42	23°35'29	22°54	10° 9	26°55	28°40	12°27	28°15	19°14	29°46	8° 8	1° 3	29°40	21°50	n.a.	S 26
M27	7 30 39	24°35'23	6♊29	11°40	28° 9	29°23	12°39	28°11	19°17	29°48	8° 9	1°R 3	29°37	21°57	n.a.	M27
T 28	7 34 35	25°35'14	20°32	13° 6	29°24	0♓ 7	12°50	28° 7	19°21	29°51	8°11	1° 1	29°34	22° 4	n.a.	T 28
W29	7 38 32	26°35'03	5♋ 3	14°27	0♒39	0°50	13° 2	28° 3	19°24	29°53	8°12	0°57	29°30	22°11	n.a.	W29
T 30	7 42 28	27°34'49	19°57	15°41	1°53	1°33	13°14	27°59	19°28	29°55	8°14	0°51	29°27	22°17	n.a.	T 30
F 31	7 46 25	28♑34'34	5♌ 7	16♒49	3♒ 8	2♓17	13♓26	27♊55	19♑31	29♑58	8♐15	0♊43	29♉24	22♒24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23 s51	26n 2	2n12	25 s43	1 s57	24 s38	0 s50	18 s54	0 s58	9 s57	1 s23	24n12	0n20	23 s15	0 s36	21 s36	0 s53	22 s42	0 s46	20n59	20n43	20 s 9			n.a.
T 2	23 52	26 39	3 20	25 47	1 58	24 42	0 52	18 41	0 57	9 53	1 23	24 12	0 20	23 14	0 36	21 36	0 53	22 42	0 46	20 58	20 43	20 7			n.a.
F 3	23 52	25 22	4 15	25 50	1 59	24 45	0 54	18 27	0 57	9 49	1 23	24 12	0 20	23 14	0 36	21 36	0 53	22 42	0 46	20 58	20 42	20 5			n.a.
S 4	23 51	22 20	4 53	25 51	1 59	24 48	0 56	18 14	0 56	9 46	1 23	24 12	0 20	23 13	0 36	21 35	0 53	22 43	0 46	20 57	20 41	20 3			n.a.
S 5	23 50	17 52	5 11	25 50	1 59	24 49	0 58	18 1	0 55	9 42	1 22	24 12	0 20	23 13	0 36	21 35	0 53	22 43	0 47	20 56	20 41	20 1			n.a.
M 6	23 49	12 25	5 9	25 48	1 59	24 50	0 59	17 47	0 54	9 38	1 22	24 12	0 20	23 13	0 36	21 34	0 53	22 44	0 47	20 55	20 40	19 59			n.a.
T 7	23 47	6 25	4 48	25 43	1 58	24 50	1 1	17 33	0 54	9 34	1 22	24 12	0 21	23 12	0 36	21 34	0 52	22 44	0 47	20 55	20 39	19 57			n.a.
W 8	23 45	0 14	4 10	25 35	1 57	24 50	1 2	17 19	0 53	9 30	1 22	24 13	0 21	23 12	0 36	21 33	0 52	22 44	0 47	20 55	20 39	19 55			n.a.
T 9	23 42	5 s50	3 19	25 26	1 54	24 48	1 4	17 5	0 52	9 26	1 21	24 13	0 21	23 11	0 36	21 33	0 52	22 45	0 47	20 55	20 38	19 53			n.a.
F 10	23 39	11 31	2 18	25 15	1 52	24 46	1 6	16 51	0 52	9 22	1 21	24 13	0 21	23 11	0 36	21 32	0 52	22 45	0 47	20 55	20 37	19 51			n.a.
S 11	23 35	16 35	1 11	25 1	1 49	24 43	1 7	16 36	0 51	9 18	1 21	24 13	0 21	23 10	0 36	21 32	0 52	22 46	0 47	20 56	20 37	19 49			n.a.
S 12	23 31	20 49	0 2	24 45	1 45	24 40	1 8	16 22	0 50	9 14	1 21	24 13	0 21	23 10	0 36	21 32	0 52	22 46	0 47	20 56	20 36	19 46			n.a.
M13	23 26	24 0	1 s 6	24 27	1 40	24 35	1 10	16 7	0 49	9 10	1 20	24 13	0 21	23 9	0 36	21 31	0 53	22 46	0 47	20 56	20 35	19 44			n.a.
T 14	23 21	25 59	2 9	24 7	1 35	24 30	1 11	15 52	0 49	9 6	1 20	24 13	0 21	23 9	0 36	21 31	0 53	22 47	0 47	20 55	20 35	19 42			n.a.
W15	23 16	26 40	3 6	23 45	1 30	24 24	1 12	15 38	0 48	9 1	1 20	24 13	0 21	23 8	0 36	21 30	0 53	22 47	0 48	20 54	20 34	19 40			n.a.
T 16	23 10	26 3	3 54	23 20	1 23	24 17	1 14	15 23	0 47	8 57	1 20	24 13	0 21	23 8	0 36	21 30	0 53	22 48	0 48	20 53	20 33	19 38			n.a.
F 17	23 3	24 13	4 31	22 54	1 16	24 10	1 15	15 7	0 47	8 53	1 19	24 13	0 22	23 7	0 36	21 29	0 53	22 48	0 48	20 51	20 33	19 36			n.a.
S 18	22 56	21 20	4 55	22 25	1 8	24 1	1 16	14 52	0 46	8 48	1 19	24 13	0 22	23 7	0 36	21 29	0 53	22 48	0 48	20 49	20 32	19 34			n.a.
S 19	22 49	17 35	5 7	21 54	1 0	23 52	1 17	14 37	0 45	8 44	1 19	24 13	0 22	23 6	0 36	21 28	0 53	22 49	0 48	20 48	20 31	19 32			n.a.
M20	22 41	13 9	5 5	21 22	0 50	23 43	1 18	14 21	0 45	8 39	1 19	24 13	0 22	23 6	0 36	21 28	0 53	22 49	0 48	20 46	20 30	19 30			n.a.
T 21	22 33	8 14	4 50	20 48	0 41	23 32	1 19	14 6	0 44	8 35	1 19	24 13	0 22	23 5	0 36	21 27	0 53	22 49	0 48	20 45	20 30	19 28			n.a.
W22	22 24	2 59	4 23	20 13	0 30	23 21	1 20	13 50	0 43	8 30	1 18	24 13	0 22	23 5	0 36	21 27	0 53	22 50	0 48	20 44	20 29	19 26			n.a.
T 23	22 15	2n28	3 43	19 36	0 18	23 9	1 21	13 34	0 42	8 26	1 18	24 14	0 22	23 4	0 36	21 26	0 53	22 50	0 48	20 44	20 28	19 23			n.a.
F 24	22 6	7 56	2 52	18 59	0 6	22 57	1 21	13 19	0 42	8 21	1 18	24 14	0 22	23 4	0 36	21 26	0 53	22 51	0 48	20 44	20 28	19 21			n.a.
S 25	21 56	13 14	1 52	18 21	0n 6	22 44	1 22	13 3	0 41	8 17	1 18	24 14	0 22	23 3	0 36	21 25	0 53	22 51	0 49	20 44	20 27	19 19			n.a.
S 26	21 46	18 7	0 44	17 42	0 19	22 30	1 23	12 47	0 40	8 12	1 18	24 14	0 22	23 3	0 36	21 25	0 53	22 51	0 49	20 44	20 26	19 17			n.a.
M27	21 35	22 15	0n29	17 4	0 33	22 15	1 23	12 30	0 40	8 7	1 17	24 14	0 23	23 2	0 36	21 24	0 53	22 52	0 49	20 44	20 26	19 15			n.a.
T 28	21 24	25 14	1 43	16 26	0 47	22 0	1 24	12 14	0 39	8 2	1 17	24 14	0 23	23 2	0 36	21 24	0 53	22 52	0 49	20 44	20 25	19 13			n.a.
W29	21 13	26 37	2 52	15 49	1 1	21 44	1 24	11 58	0 38	7 58	1 17	24 14	0 23	23 1	0 36	21 24	0 53	22 52	0 49	20 43	20 24	19 11			n.a.
T 30	21 1	26 9	3 51	15 13	1 16	21 28	1 25	11 42	0 38	7 53	1 17	24 14	0 23	23 1	0 36	21 23	0 53	22 53	0 49	20 41	20 24	19 8			n.a.
F 31	20 s49	23n46	4n35	14 s39	1n30	21 s11	1 s25	11 s25	0 s37	7 s48	1 s17	24n14	0n23	23 s 0	0 s36	21 s23	0 s53	22 s53	0 s49	20n40	20n23	19 s 6			n.a.

Julian Day Number = 1195097.5, Delta T = 09h28m14s
Ecliptic obliquity = 23°51'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'29, Lahiri = -23°50'29 Julian Calendar 1 Jan. 1441 BCE == Greg. Calendar 19 Dec. 1442 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

FEBRUARY 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 50 21	29♉34'16	20♌21	17♒50	4♒22	3♓ 0	13♓38	27°R51	19♉35	29♉59	8♐17	0°R34	29♉21	22♒31	n.a.	S 1
S 2	7 54 18	0♒33'56	5♍29	18°44	5°37	3°43	13°50	27♊47	19°38	0♒ 2	8°18	0♊25	29°18	22°38	n.a.	S 2
M 3	7 58 15	1°33'34	20°22	19°30	6°52	4°26	14° 2	27°44	19°41	0° 4	8°19	0°17	29°15	22°44	n.a.	M 3
T 4	8 2 11	2°33'10	4♎53	20° 8	8° 6	5° 9	14°15	27°40	19°45	0° 7	8°21	0°12	29°11	22°51	n.a.	T 4
W 5	8 6 8	3°32'44	18°57	20°38	9°21	5°53	14°27	27°37	19°48	0° 9	8°22	0° 9	29° 8	22°58	n.a.	W 5
T 6	8 10 4	4°32'17	2♏35	21° 0	10°35	6°36	14°39	27°33	19°51	0°11	8°23	0°D 8	29° 5	23° 4	n.a.	T 6
F 7	8 14 1	5°31'47	15°49	21°14	11°50	7°19	14°52	27°30	19°55	0°13	8°24	0° 8	29° 2	23°11	n.a.	F 7
S 8	8 17 57	6°31'16	28°41	21°R19	13° 4	8° 2	15° 4	27°27	19°58	0°16	8°26	0°R 9	28°59	23°18	n.a.	S 8
S 9	8 21 54	7°30'43	11♐16	21°16	14°18	8°44	15°17	27°24	20° 1	0°18	8°27	0° 8	28°56	23°25	n.a.	S 9
M10	8 25 50	8°30'08	23°38	21° 5	15°33	9°27	15°30	27°21	20° 5	0°20	8°28	0° 5	28°52	23°31	n.a.	M10
T 11	8 29 47	9°29'31	5♑49	20°47	16°47	10°10	15°43	27°18	20° 8	0°23	8°29	0° 0	28°49	23°38	n.a.	T 11
W12	8 33 44	10°28'51	17°53	20°22	18° 2	10°53	15°55	27°15	20°11	0°25	8°30	29♉52	28°46	23°45	n.a.	W12
T 13	8 37 40	11°28'10	29°52	19°50	19°16	11°36	16° 8	27°12	20°15	0°27	8°32	29°41	28°43	23°52	n.a.	T 13
F 14	8 41 37	12°27'27	11♒47	19°13	20°30	12°18	16°21	27° 9	20°18	0°29	8°33	29°29	28°40	23°58	n.a.	F 14
S 15	8 45 33	13°26'41	23°40	18°32	21°45	13° 1	16°34	27° 7	20°21	0°31	8°34	29°15	28°36	24° 5	n.a.	S 15
S 16	8 49 30	14°25'53	5♓32	17°46	22°59	13°44	16°47	27° 4	20°24	0°34	8°35	29° 1	28°33	24°12	n.a.	S 16
M17	8 53 26	15°25'03	17°24	16°58	24°13	14°26	17° 0	27° 2	20°27	0°36	8°36	28°49	28°30	24°18	n.a.	M17
T 18	8 57 23	16°24'10	29°19	16° 8	25°28	15° 9	17°13	26°59	20°31	0°38	8°37	28°38	28°27	24°25	n.a.	T 18
W19	9 1 19	17°23'15	11♈20	15°17	26°42	15°51	17°27	26°57	20°34	0°40	8°38	28°31	28°24	24°32	n.a.	W19
T 20	9 5 16	18°22'18	23°29	14°26	27°56	16°34	17°40	26°55	20°37	0°43	8°39	28°26	28°21	24°39	n.a.	T 20
F 21	9 9 12	19°21'18	5♉50	13°37	29°10	17°16	17°53	26°53	20°40	0°45	8°40	28°24	28°17	24°45	n.a.	F 21
S 22	9 13 9	20°20'16	18°29	12°50	0♓25	17°58	18° 6	26°51	20°43	0°47	8°40	28°D23	28°14	24°52	n.a.	S 22
S 23	9 17 6	21°19'11	1♊30	12° 6	1°39	18°41	18°20	26°49	20°46	0°49	8°41	28°R23	28°11	24°59	n.a.	S 23
M24	9 21 2	22°18'04	14°56	11°25	2°53	19°23	18°33	26°47	20°49	0°51	8°42	28°22	28° 8	25° 6	n.a.	M24
T 25	9 24 59	23°16'54	28°51	10°49	4° 7	20° 5	18°47	26°46	20°52	0°53	8°43	28°20	28° 5	25°12	n.a.	T 25
W26	9 28 55	24°15'43	13♋16	10°17	5°21	20°47	19° 0	26°44	20°55	0°55	8°44	28°15	28° 2	25°19	n.a.	W26
T 27	9 32 52	25°14'28	28° 6	9°50	6°35	21°29	19°14	26°43	20°58	0°58	8°44	28° 7	27°58	25°26	n.a.	T 27
F 28	9 36 48	26°13'12	13♌17	9°28	7°49	22°11	19°27	26°42	21° 1	1° 0	8°45	27°58	27°55	25°32	n.a.	F 28
S 29	9 40 45	27♒11'53	28♌38	9♒12	9♓ 3	22♓53	19♓41	26♊40	21♉ 4	1♒ 2	8♐46	27♉47	27♉52	25♒39	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s36	19n41	4n59	14s 6	1n45	20s53	1s25	11s 9	0s36	7s43	1s16	24n14	0n23	23s 0	0s36	21s22	0s53	22s53	0s49	20n38	20n22	19s 4		n.a.
S 2	20 23	14 20	5 3	13 36	1 59	20 35	1 25	10 52	0 35	7 38	1 16	24 14	0 23	22 59	0 36	21 22	0 53	22 54	0 49	20 36	20 21	19 2		n.a.
M 3	20 10	8 15	4 46	13 8	2 13	20 16	1 25	10 35	0 35	7 33	1 16	24 14	0 23	22 59	0 36	21 21	0 53	22 54	0 50	20 34	20 21	19 0		n.a.
T 4	19 56	1 51	4 11	12 43	2 27	19 56	1 26	10 19	0 34	7 28	1 16	24 14	0 23	22 59	0 36	21 21	0 53	22 54	0 50	20 33	20 20	18 57		n.a.
W 5	19 42	4s27	3 21	12 21	2 40	19 36	1 26	10 2	0 33	7 23	1 16	24 14	0 23	22 58	0 36	21 20	0 53	22 55	0 50	20 33	20 19	18 55		n.a.
T 6	19 28	10 23	2 21	12 2	2 52	19 16	1 26	9 45	0 33	7 18	1 15	24 14	0 23	22 58	0 36	21 20	0 53	22 55	0 50	20 32	20 19	18 53		n.a.
F 7	19 13	15 40	1 16	11 47	3 4	18 55	1 25	9 28	0 32	7 13	1 15	24 14	0 23	22 57	0 36	21 19	0 53	22 55	0 50	20 32	20 18	18 51		n.a.
S 8	18 58	20 6	0 8	11 35	3 14	18 33	1 25	9 11	0 31	7 8	1 15	24 14	0 23	22 57	0 36	21 19	0 53	22 56	0 50	20 32	20 17	18 49		n.a.
S 9	18 43	23 30	0s59	11 27	3 24	18 11	1 25	8 54	0 31	7 3	1 15	24 14	0 24	22 56	0 36	21 18	0 53	22 56	0 50	20 32	20 17	18 46		n.a.
M10	18 28	25 44	2 1	11 23	3 32	17 48	1 25	8 37	0 30	6 58	1 15	24 14	0 24	22 56	0 36	21 18	0 53	22 56	0 50	20 32	20 16	18 44		n.a.
T 11	18 12	26 41	2 57	11 23	3 38	17 25	1 24	8 20	0 29	6 53	1 15	24 14	0 24	22 55	0 36	21 17	0 53	22 56	0 50	20 31	20 15	18 42		n.a.
W12	17 55	26 21	3 44	11 26	3 43	17 2	1 24	8 3	0 28	6 47	1 15	24 14	0 24	22 55	0 36	21 17	0 53	22 57	0 51	20 29	20 14	18 40		n.a.
T 13	17 39	24 47	4 21	11 33	3 46	16 38	1 23	7 46	0 28	6 42	1 14	24 14	0 24	22 54	0 36	21 16	0 53	22 57	0 51	20 27	20 14	18 38		n.a.
F 14	17 22	22 8	4 46	11 43	3 48	16 13	1 23	7 29	0 27	6 37	1 14	24 14	0 24	22 54	0 36	21 16	0 53	22 57	0 51	20 24	20 13	18 35		n.a.
S 15	17 5	18 33	4 59	11 56	3 48	15 48	1 22	7 12	0 26	6 32	1 14	24 14	0 24	22 53	0 36	21 15	0 53	22 58	0 51	20 21	20 12	18 33		n.a.
S 16	16 48	14 15	4 58	12 12	3 45	15 23	1 22	6 54	0 26	6 26	1 14	24 14	0 24	22 53	0 36	21 15	0 53	22 58	0 51	20 18	20 12	18 31		n.a.
M17	16 30	9 25	4 45	12 31	3 42	14 57	1 21	6 37	0 25	6 21	1 14	24 14	0 24	22 52	0 36	21 14	0 53	22 58	0 51	20 15	20 11	18 29		n.a.
T 18	16 12	4 13	4 19	12 51	3 36	14 31	1 20	6 20	0 24	6 16	1 14	24 14	0 24	22 52	0 36	21 14	0 53	22 58	0 51	20 13	20 10	18 26		n.a.
W19	15 54	1n10	3 41	13 13	3 28	14 4	1 19	6 2	0 24	6 10	1 13	24 14	0 24	22 51	0 36	21 13	0 53	22 59	0 51	20 11	20 9	18 24		n.a.
T 20	15 35	6 36	2 53	13 37	3 19	13 37	1 18	5 45	0 23	6 5	1 13	24 14	0 24	22 51	0 36	21 13	0 53	22 59	0 51	20 10	20 9	18 22		n.a.
F 21	15 17	11 53	1 56	14 1	3 9	13 10	1 17	5 27	0 22	5 59	1 13	24 14	0 24	22 50	0 36	21 13	0 53	22 59	0 52	20 9	20 8	18 19		n.a.
S 22	14 58	16 48	0 52	14 26	2 57	12 43	1 16	5 10	0 22	5 54	1 13	24 14	0 24	22 50	0 36	21 12	0 53	23 0	0 52	20 9	20 7	18 17		n.a.
S 23	14 39	21 6	0n16	14 50	2 45	12 15	1 15	4 53	0 21	5 49	1 13	24 14	0 25	22 49	0 36	21 12	0 53	23 0	0 52	20 9	20 7	18 15		n.a.
M24	14 19	24 26	1 26	15 15	2 31	11 46	1 14	4 35	0 20	5 43	1 13	24 14	0 25	22 49	0 36	21 11	0 53	23 0	0 52	20 9	20 6	18 13		n.a.
T 25	14 0	26 25	2 33	15 38	2 17	11 18	1 13	4 18	0 20	5 38	1 13	24 14	0 25	22 49	0 36	21 11	0 53	23 0	0 52	20 9	20 5	18 10		n.a.
W26	13 40	26 43	3 33	16 1	2 2	10 49	1 11	4 0	0 19	5 32	1 13	24 14	0 25	22 48	0 36	21 10	0 53	23 0	0 52	20 7	20 4	18 8		n.a.
T 27	13 20	25 9	4 20	16 23	1 47	10 20	1 10	3 43	0 18	5 27	1 12	24 14	0 25	22 48	0 36	21 10	0 53	23 1	0 52	20 6	20 4	18 6		n.a.
F 28	13 0	21 45	4 50	16 44	1 32	9 51	1 9	3 25	0 18	5 21	1 12	24 14	0 25	22 47	0 36	21 9	0 53	23 1	0 52	20 3	20 3	18 3		n.a.
S 29	12s40	16n50	5n 0	17s 3	1n16	9s21	1s 7	3s 8	0s17	5s16	1s12	24n14	0n25	22s47	0s36	21s 9	0s53	23s 1	0s53	20n 1	20n 2	18s 1		n.a.

Julian Day Number = 1195128.5, Delta T = 09h28m12s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'25, Lahiri = -23°50'25 Julian Calendar 1 Feb. 1441 BCE == Greg. Calendar 19 Jan. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

MARCH 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 44 41	28♒10'32	13♍57	9°R 1	10♓17	23♓35	19♓55	26°R39	21♑ 7	1♒ 4	8♐46	27°R36	27♉49	25♒46	n.a.	S 1
M 2	9 48 38	29° 9'09	29° 4	8♒55	11°31	24°17	20° 8	26♊38	21°10	1° 6	8°47	27♉26	27°46	25°53	n.a.	M 2
T 3	9 52 34	0♓ 7'44	13♎48	8°D55	12°45	24°59	20°22	26°37	21°13	1° 8	8°48	27°19	27°42	25°59	n.a.	T 3
W 4	9 56 31	1° 6'17	28° 5	9° 0	13°59	25°41	20°36	26°37	21°16	1°10	8°48	27°14	27°39	26° 6	n.a.	W 4
T 5	10 0 28	2° 4'49	11♏52	9°10	15°13	26°23	20°49	26°36	21°19	1°12	8°49	27°12	27°36	26°13	n.a.	T 5
F 6	10 4 24	3° 3'18	25°11	9°25	16°27	27° 5	21° 3	26°35	21°21	1°14	8°49	27°12	27°33	26°19	n.a.	F 6
S 7	10 8 21	4° 1'46	8♐ 5	9°45	17°41	27°46	21°17	26°35	21°24	1°16	8°50	27°12	27°30	26°26	n.a.	S 7
S 8	10 12 17	5° 0'13	20°38	10° 9	18°54	28°28	21°31	26°34	21°27	1°18	8°50	27°11	27°27	26°33	n.a.	S 8
M 9	10 16 14	5°58'37	2♑55	10°38	20° 8	29°10	21°45	26°34	21°29	1°20	8°51	27° 9	27°23	26°40	n.a.	M 9
T 10	10 20 10	6°57'00	15° 0	11°11	21°22	29°51	21°59	26°34	21°32	1°22	8°51	27° 3	27°20	26°46	n.a.	T 10
W11	10 24 7	7°55'21	26°57	11°48	22°36	0♈33	22°13	26°D34	21°35	1°24	8°51	26°56	27°17	26°53	n.a.	W11
T 12	10 28 3	8°53'40	8♒51	12°29	23°50	1°14	22°27	26°34	21°37	1°26	8°52	26°45	27°14	27° 0	n.a.	T 12
F 13	10 32 0	9°51'58	20°42	13°14	25° 3	1°56	22°41	26°34	21°40	1°28	8°52	26°33	27°11	27° 7	n.a.	F 13
S 14	10 35 57	10°50'13	2♓34	14° 2	26°17	2°37	22°55	26°34	21°42	1°30	8°52	26°19	27° 7	27°13	n.a.	S 14
S 15	10 39 53	11°48'26	14°28	14°53	27°31	3°19	23° 9	26°35	21°45	1°31	8°53	26° 5	27° 4	27°20	n.a.	S 15
M16	10 43 50	12°46'38	26°24	15°48	28°44	4° 0	23°23	26°35	21°47	1°33	8°53	25°53	27° 1	27°27	n.a.	M16
T 17	10 47 46	13°44'48	8♈25	16°45	29°58	4°41	23°37	26°36	21°50	1°35	8°53	25°43	26°58	27°33	n.a.	T 17
W18	10 51 43	14°42'55	20°33	17°46	1♈12	5°23	23°51	26°36	21°52	1°37	8°53	25°35	26°55	27°40	n.a.	W18
T 19	10 55 39	15°41'01	2♉49	18°49	2°25	6° 4	24° 5	26°37	21°55	1°39	8°53	25°30	26°52	27°47	n.a.	T 19
F 20	10 59 36	16°39'05	15°16	19°55	3°39	6°45	24°19	26°38	21°57	1°40	8°54	25°28	26°48	27°54	n.a.	F 20
S 21	11 3 32	17°37'06	27°57	21° 4	4°52	7°26	24°33	26°39	21°59	1°42	8°54	25°D28	26°45	28° 0	n.a.	S 21
S 22	11 7 29	18°35'06	10♊57	22°15	6° 6	8° 7	24°47	26°40	22° 1	1°44	8°54	25°28	26°42	28° 7	n.a.	S 22
M23	11 11 25	19°33'04	24°19	23°29	7°19	8°48	25° 1	26°42	22° 4	1°45	8°R54	25°R28	26°39	28°14	n.a.	M23
T 24	11 15 22	20°30'59	8♋ 6	24°45	8°33	9°29	25°15	26°43	22° 6	1°47	8°54	25°27	26°36	28°21	n.a.	T 24
W25	11 19 19	21°28'53	22°18	26° 4	9°46	10°10	25°29	26°44	22° 8	1°49	8°54	25°24	26°33	28°27	n.a.	W25
T 26	11 23 15	22°26'45	6♌55	27°24	10°59	10°51	25°44	26°46	22°10	1°50	8°54	25°18	26°29	28°34	n.a.	T 26
F 27	11 27 12	23°24'34	21°52	28°47	12°13	11°32	25°58	26°47	22°12	1°52	8°53	25°10	26°26	28°41	n.a.	F 27
S 28	11 31 8	24°22'22	7♍ 2	0♓12	13°26	12°13	26°12	26°49	22°14	1°53	8°53	25° 1	26°23	28°47	n.a.	S 28
S 29	11 35 5	25°20'08	22°14	1°40	14°39	12°54	26°26	26°51	22°16	1°55	8°53	24°53	26°20	28°54	n.a.	S 29
M30	11 39 1	26°17'53	7♎18	3° 9	15°53	13°35	26°40	26°53	22°18	1°56	8°53	24°45	26°17	29° 1	n.a.	M30
T 31	11 42 58	27♓15'36	22♎ 5	4♓40	17♈ 6	14♈15	26♓54	26♊55	22♑20	1♒58	8♐53	24♉39	26♉13	29♒ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	12s19	10n50	4n48	17s21	1n 1	8s51	1s 6	2s50	0s16	5s10	1s12	24n14	0n25	22s46	0s36	21s 8	0s53	23s 1	0s53	19n58	20n 1	17s59			n.a.
M 2	11 58	4 17	4 16	17 37	0 46	8 21	1 4	2 33	0 16	5 4	1 12	24 14	0 25	22 46	0 36	21 8	0 53	23 2	0 53	19 56	20 1	17 56			n.a.
T 3	11 37	2s22	3 28	17 51	0 31	7 51	1 2	2 15	0 15	4 59	1 12	24 14	0 25	22 45	0 36	21 8	0 53	23 2	0 53	19 55	20 0	17 54			n.a.
W 4	11 16	8 42	2 27	18 4	0 17	7 21	1 1	1 58	0 14	4 53	1 12	24 14	0 25	22 45	0 36	21 7	0 53	23 2	0 53	19 53	19 59	17 52			n.a.
T 5	10 55	14 24	1 20	18 15	0 2	6 50	0 59	1 40	0 14	4 48	1 12	24 14	0 25	22 45	0 36	21 7	0 53	23 2	0 53	19 53	19 59	17 49			n.a.
F 6	10 34	19 14	0 11	18 24	0s11	6 19	0 57	1 23	0 13	4 42	1 12	24 15	0 25	22 44	0 36	21 6	0 53	23 2	0 53	19 53	19 58	17 47			n.a.
S 7	10 12	22 59	0s57	18 31	0 24	5 48	0 56	1 5	0 12	4 36	1 12	24 15	0 25	22 44	0 36	21 6	0 53	23 3	0 53	19 53	19 57	17 45			n.a.
S 8	9 51	25 32	2 0	18 36	0 37	5 17	0 54	0 48	0 12	4 31	1 11	24 15	0 25	22 43	0 37	21 5	0 53	23 3	0 53	19 53	19 56	17 42			n.a.
M 9	9 29	26 47	2 57	18 40	0 49	4 46	0 52	0 30	0 11	4 25	1 11	24 15	0 25	22 43	0 37	21 5	0 53	23 3	0 54	19 52	19 56	17 40			n.a.
T 10	9 7	26 43	3 44	18 41	1 0	4 15	0 50	0 13	0 10	4 19	1 11	24 15	0 25	22 43	0 37	21 5	0 53	23 3	0 54	19 51	19 55	17 38			n.a.
W11	8 45	25 24	4 21	18 41	1 11	3 43	0 48	0n 4	0 10	4 14	1 11	24 15	0 26	22 42	0 37	21 4	0 53	23 3	0 54	19 49	19 54	17 35			n.a.
T 12	8 23	22 57	4 46	18 39	1 21	3 12	0 46	0 22	0 9	4 8	1 11	24 15	0 26	22 42	0 37	21 4	0 53	23 4	0 54	19 47	19 53	17 33			n.a.
F 13	8 0	19 33	4 59	18 35	1 30	2 40	0 44	0 39	0 8	4 2	1 11	24 15	0 26	22 41	0 37	21 3	0 53	23 4	0 54	19 44	19 53	17 30			n.a.
S 14	7 38	15 22	4 58	18 30	1 39	2 8	0 42	0 56	0 8	3 57	1 11	24 15	0 26	22 41	0 37	21 3	0 53	23 4	0 54	19 40	19 52	17 28			n.a.
S 15	7 15	10 35	4 45	18 22	1 48	1 36	0 39	1 14	0 7	3 51	1 11	24 15	0 26	22 41	0 37	21 3	0 54	23 4	0 54	19 37	19 51	17 26			n.a.
M16	6 53	5 24	4 19	18 13	1 55	1 5	0 37	1 31	0 7	3 45	1 11	24 15	0 26	22 40	0 37	21 2	0 54	23 4	0 54	19 34	19 50	17 23			n.a.
T 17	6 30	0n 1	3 42	18 2	2 2	0 33	0 35	1 48	0 6	3 40	1 11	24 15	0 26	22 40	0 37	21 2	0 54	23 4	0 55	19 32	19 50	17 21			n.a.
W18	6 7	5 29	2 54	17 49	2 9	0 1	0 33	2 5	0 5	3 34	1 11	24 15	0 26	22 40	0 37	21 1	0 54	23 4	0 55	19 30	19 49	17 19			n.a.
T 19	5 45	10 50	1 57	17 34	2 14	0n31	0 30	2 23	0 5	3 28	1 11	24 15	0 26	22 39	0 37	21 1	0 54	23 5	0 55	19 29	19 48	17 16			n.a.
F 20	5 22	15 51	0 54	17 18	2 20	1 3	0 28	2 40	0 4	3 22	1 10	24 15	0 26	22 39	0 37	21 1	0 54	23 5	0 55	19 28	19 47	17 14			n.a.
S 21	4 59	20 16	0n13	17 0	2 24	1 35	0 26	2 57	0 3	3 17	1 10	24 15	0 26	22 38	0 37	21 0	0 54	23 5	0 55	19 28	19 47	17 11			n.a.
S 22	4 36	23 50	1 21	16 40	2 28	2 6	0 23	3 14	0 3	3 11	1 10	24 15	0 26	22 38	0 37	21 0	0 54	23 5	0 55	19 28	19 46	17 9			n.a.
M23	4 12	26 12	2 27	16 18	2 31	2 38	0 21	3 31	0 2	3 5	1 10	24 16	0 26	22 38	0 37	21 0	0 54	23 5	0 55	19 28	19 45	17 6			n.a.
T 24	3 49	27 3	3 26	15 55	2 34	3 10	0 19	3 48	0 2	2 59	1 10	24 16	0 26	22 37	0 37	20 59	0 54	23 5	0 55	19 28	19 44	17 4			n.a.
W25	3 26	26 10	4 15	15 30	2 36	3 41	0 16	4 5	0 1	2 54	1 10	24 16	0 26	22 37	0 37	20 59	0 54	23 5	0 55	19 27	19 44	17 2			n.a.
T 26	3 3	23 31	4 48	15 3	2 37	4 13	0 14	4 22	0 0	2 48	1 10	24 16	0 26	22 37	0 37	20 59	0 54	23 5	0 56	19 26	19 43	16 59			n.a.
F 27	2 40	19 14	5 3	14 34	2 38	4 44	0 11	4 39	0n 0	2 42	1 10	24 16	0 26	22 37	0 37	20 58	0 54	23 6	0 56	19 24	19 42	16 57			n.a.
S 28	2 16	13 40	4 57	14 4	2 38	5 16	0 8	4 56	0 1	2 36	1 10	24 16	0 26	22 36	0 37	20 58	0 54	23 6	0 56	19 22	19 41	16 54			n.a.
S 29	1 53	7 15	4 30	13 32	2 38	5 47	0 6	5 12	0 2	2 31	1 10	24 16	0 26	22 36	0 37	20 58	0 54	23 6	0 56	19 20	19 41	16 52			n.a.
M30	1 30	0 29	3 45	12 58	2 37	6 18	0 3	5 29	0 2	2 25	1 10	24 16	0 27	22 36	0 37	20 57	0 54	23 6	0 56	19 18	19 40	16 49			n.a.
T 31	1s 6	6s13	2n45	12s22	2s36	6n49	0s 1	5n46	0n 3	2s19	1s10	24n16	0n27	22s35	0s37	20s57	0s54	23s 6	0s56	19n16	19n39	16s47			n.a.

Julian Day Number = 1195157.5, Delta T = 09h28m10s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'21, Lahiri = -23°50'21 Julian Calendar 1 March 1441 BCE == Greg. Calendar 17 Feb. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

APRIL 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 46 54	28♓13'17	6♏27	6♓14	18♈19	14♈56	27♓ 8	26♊57	22♑22	1♒59	8°R53	24°R35	26♉10	29♒14	n.a.	W 1
T 2	11 50 51	29°10'57	20°21	7°50	19°32	15°37	27°22	26°59	22°24	2° 1	8♐52	24°D34	26° 7	29°21	n.a.	T 2
F 3	11 54 47	0♈ 8'36	3♐47	9°28	20°45	16°17	27°36	27° 2	22°25	2° 2	8°52	24♉34	26° 4	29°28	n.a.	F 3
S 4	11 58 44	1° 6'14	16°46	11° 7	21°58	16°58	27°51	27° 4	22°27	2° 4	8°52	24°35	26° 1	29°34	n.a.	S 4
S 5	12 2 41	2° 3'51	29°23	12°49	23°12	17°38	28° 5	27° 7	22°29	2° 5	8°51	24°R36	25°58	29°41	n.a.	S 5
M 6	12 6 37	3° 1'26	11♑42	14°33	24°25	18°19	28°19	27° 9	22°30	2° 6	8°51	24°36	25°54	29°48	n.a.	M 6
T 7	12 10 34	3°59'01	23°47	16°20	25°38	18°59	28°33	27°12	22°32	2° 8	8°51	24°33	25°51	29°55	n.a.	T 7
W 8	12 14 30	4°56'34	5♒44	18° 8	26°51	19°40	28°47	27°15	22°34	2° 9	8°50	24°29	25°48	0♓ 1	n.a.	W 8
T 9	12 18 27	5°54'06	17°36	19°58	28° 4	20°20	29° 1	27°18	22°35	2°10	8°50	24°23	25°45	0° 8	n.a.	T 9
F 10	12 22 23	6°51'37	29°27	21°50	29°17	21° 1	29°15	27°21	22°37	2°11	8°49	24°15	25°42	0°15	n.a.	F 10
S 11	12 26 20	7°49'07	11♓20	23°44	0♉30	21°41	29°29	27°24	22°38	2°13	8°49	24° 7	25°39	0°22	n.a.	S 11
S 12	12 30 16	8°46'36	23°18	25°41	1°42	22°21	29°43	27°27	22°39	2°14	8°48	23°58	25°35	0°28	n.a.	S 12
M13	12 34 13	9°44'03	5♈21	27°39	2°55	23° 2	29°57	27°30	22°41	2°15	8°48	23°50	25°32	0°35	n.a.	M13
T 14	12 38 10	10°41'30	17°32	29°39	4° 8	23°42	0♈11	27°34	22°42	2°16	8°47	23°44	25°29	0°42	n.a.	T 14
W15	12 42 6	11°38'55	29°52	1♈41	5°21	24°22	0°25	27°37	22°43	2°17	8°46	23°39	25°26	0°48	n.a.	W15
T 16	12 46 3	12°36'19	12♉21	3°45	6°34	25° 2	0°39	27°41	22°44	2°18	8°46	23°37	25°23	0°55	n.a.	T 16
F 17	12 49 59	13°33'41	25° 2	5°50	7°46	25°42	0°53	27°44	22°46	2°19	8°45	23°D36	25°19	1° 2	n.a.	F 17
S 18	12 53 56	14°31'03	7♊56	7°57	8°59	26°22	1° 7	27°48	22°47	2°20	8°44	23°37	25°16	1° 9	n.a.	S 18
S 19	12 57 52	15°28'23	21° 5	10° 5	10°12	27° 2	1°21	27°52	22°48	2°21	8°44	23°39	25°13	1°15	n.a.	S 19
M20	13 1 49	16°25'42	4♋31	12°14	11°25	27°43	1°35	27°56	22°49	2°22	8°43	23°40	25°10	1°22	n.a.	M20
T 21	13 5 45	17°23'00	18°16	14°25	12°37	28°23	1°48	28° 0	22°50	2°23	8°42	23°R40	25° 7	1°29	n.a.	T 21
W22	13 9 42	18°20'17	2♌20	16°36	13°50	29° 2	2° 2	28° 4	22°51	2°24	8°41	23°39	25° 4	1°36	n.a.	W22
T 23	13 13 39	19°17'32	16°43	18°47	15° 2	29°42	2°16	28° 8	22°51	2°25	8°41	23°37	25° 0	1°42	n.a.	T 23
F 24	13 17 35	20°14'46	1♍20	20°59	16°15	0♉22	2°30	28°12	22°52	2°25	8°40	23°34	24°57	1°49	n.a.	F 24
S 25	13 21 32	21°11'59	16° 8	23°10	17°27	1° 2	2°43	28°17	22°53	2°26	8°39	23°29	24°54	1°56	n.a.	S 25
S 26	13 25 28	22° 9'11	0♎59	25°22	18°40	1°42	2°57	28°21	22°54	2°27	8°38	23°25	24°51	2° 2	n.a.	S 26
M27	13 29 25	23° 6'22	15°45	27°32	19°52	2°22	3°11	28°26	22°54	2°28	8°37	23°21	24°48	2° 9	n.a.	M27
T 28	13 33 21	24° 3'32	0♏19	29°42	21° 4	3° 2	3°24	28°30	22°55	2°28	8°36	23°18	24°44	2°16	n.a.	T 28
W29	13 37 18	25° 0'42	14°33	1♉50	22°17	3°41	3°38	28°35	22°56	2°29	8°35	23°17	24°41	2°23	n.a.	W29
T 30	13 41 14	25♈57'51	28♏25	3♉58	23♉29	4♉21	3♈52	28♊39	22♑56	2♒30	8♐34	23°D17	24♉38	2♓29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s43	12s25	1n35	11s45	2s33	7n20	0n 2	6n 2	0n 3	2s13	1s10	24n16	0n27	22s35	0s37	20s57	0s54	23s 6	0s56	19n15	19n38	16s44		n.a.
T 2	0 20	17 47	0 23	11 6	2 31	7 51	0 4	6 19	0 4	2 8	1 10	24 17	0 27	22 35	0 37	20 56	0 54	23 6	0 56	19 15	19 38	16 42		n.a.
F 3	0n 3	22 5	0s49	10 26	2 27	8 21	0 7	6 35	0 5	2 2	1 10	24 17	0 27	22 35	0 37	20 56	0 54	23 6	0 57	19 15	19 37	16 39		n.a.
S 4	0 27	25 7	1 56	9 44	2 24	8 51	0 10	6 52	0 5	1 56	1 10	24 17	0 27	22 34	0 37	20 56	0 54	23 6	0 57	19 15	19 36	16 37		n.a.
S 5	0 50	26 47	2 56	9 0	2 19	9 21	0 12	7 8	0 6	1 50	1 10	24 17	0 27	22 34	0 37	20 56	0 54	23 6	0 57	19 15	19 35	16 34		n.a.
M 6	1 13	27 5	3 45	8 14	2 14	9 51	0 15	7 24	0 6	1 45	1 10	24 17	0 27	22 34	0 37	20 55	0 54	23 6	0 57	19 15	19 35	16 32		n.a.
T 7	1 37	26 4	4 24	7 28	2 9	10 21	0 18	7 40	0 7	1 39	1 10	24 17	0 27	22 34	0 37	20 55	0 54	23 6	0 57	19 15	19 34	16 29		n.a.
W 8	2 0	23 52	4 51	6 39	2 3	10 50	0 20	7 56	0 8	1 33	1 10	24 17	0 27	22 33	0 37	20 55	0 54	23 6	0 57	19 14	19 33	16 27		n.a.
T 9	2 23	20 39	5 5	5 49	1 56	11 20	0 23	8 13	0 8	1 27	1 10	24 17	0 27	22 33	0 37	20 55	0 54	23 6	0 57	19 12	19 32	16 24		n.a.
F 10	2 46	16 37	5 6	4 57	1 49	11 48	0 25	8 29	0 9	1 22	1 10	24 17	0 27	22 33	0 38	20 54	0 54	23 7	0 57	19 10	19 31	16 22		n.a.
S 11	3 9	11 57	4 53	4 4	1 41	12 17	0 28	8 44	0 9	1 16	1 10	24 17	0 27	22 33	0 38	20 54	0 54	23 7	0 57	19 8	19 31	16 19		n.a.
S 12	3 32	6 48	4 28	3 10	1 33	12 45	0 31	9 0	0 10	1 10	1 9	24 18	0 27	22 32	0 38	20 54	0 54	23 7	0 58	19 6	19 30	16 17		n.a.
M13	3 55	1 21	3 51	2 15	1 25	13 13	0 33	9 16	0 10	1 5	1 9	24 18	0 27	22 32	0 38	20 54	0 55	23 7	0 58	19 4	19 29	16 14		n.a.
T 14	4 18	4n12	3 2	1 18	1 16	13 41	0 36	9 32	0 11	0 59	1 9	24 18	0 27	22 32	0 38	20 53	0 55	23 7	0 58	19 2	19 28	16 12		n.a.
W15	4 41	9 41	2 5	0 20	1 7	14 8	0 39	9 47	0 12	0 53	1 9	24 18	0 27	22 32	0 38	20 53	0 55	23 7	0 58	19 1	19 28	16 9		n.a.
T 16	5 4	14 51	1 1	0n39	0 57	14 36	0 41	10 3	0 12	0 48	1 9	24 18	0 27	22 32	0 38	20 53	0 55	23 7	0 58	19 1	19 27	16 7		n.a.
F 17	5 27	19 29	0n 8	1 39	0 47	15 2	0 44	10 18	0 13	0 42	1 9	24 18	0 27	22 32	0 38	20 53	0 55	23 7	0 58	19 0	19 26	16 4		n.a.
S 18	5 49	23 17	1 17	2 39	0 37	15 29	0 46	10 34	0 13	0 36	1 9	24 18	0 27	22 31	0 38	20 53	0 55	23 7	0 58	19 1	19 25	16 2		n.a.
S 19	6 12	25 57	2 24	3 40	0 26	15 54	0 49	10 49	0 14	0 31	1 9	24 18	0 27	22 31	0 38	20 52	0 55	23 7	0 58	19 1	19 25	15 59		n.a.
M20	6 34	27 11	3 24	4 41	0 16	16 20	0 51	11 4	0 15	0 25	1 9	24 18	0 28	22 31	0 38	20 52	0 55	23 7	0 59	19 1	19 24	15 56		n.a.
T 21	6 57	26 47	4 14	5 42	0 5	16 45	0 54	11 19	0 15	0 20	1 9	24 19	0 28	22 31	0 38	20 52	0 55	23 7	0 59	19 1	19 23	15 54		n.a.
W22	7 19	24 42	4 50	6 43	0n 5	17 10	0 56	11 34	0 16	0 14	1 9	24 19	0 28	22 31	0 38	20 52	0 55	23 7	0 59	19 1	19 22	15 51		n.a.
T 23	7 41	21 0	5 9	7 44	0 16	17 34	0 59	11 49	0 16	0 8	1 9	24 19	0 28	22 31	0 38	20 52	0 55	23 7	0 59	19 1	19 21	15 49		n.a.
F 24	8 3	15 59	5 9	8 44	0 26	17 58	1 1	12 4	0 17	0 3	1 9	24 19	0 28	22 31	0 38	20 52	0 55	23 7	0 59	19 0	19 21	15 46		n.a.
S 25	8 25	9 58	4 48	9 43	0 36	18 21	1 3	12 19	0 17	0n 3	1 9	24 19	0 28	22 31	0 38	20 52	0 55	23 7	0 59	18 59	19 20	15 44		n.a.
S 26	8 47	3 22	4 7	10 42	0 46	18 44	1 6	12 33	0 18	0 8	1 9	24 19	0 28	22 31	0 38	20 51	0 55	23 7	0 59	18 58	19 19	15 41		n.a.
M27	9 8	3s23	3 11	11 39	0 56	19 7	1 8	12 48	0 18	0 14	1 9	24 19	0 28	22 30	0 38	20 51	0 55	23 7	0 59	18 57	19 18	15 38		n.a.
T 28	9 30	9 53	2 2	12 34	1 5	19 29	1 10	13 2	0 19	0 19	1 9	24 19	0 28	22 30	0 38	20 51	0 55	23 7	0 59	18 56	19 17	15 36		n.a.
W29	9 51	15 44	0 48	13 28	1 13	19 50	1 13	13 16	0 20	0 25	1 9	24 19	0 28	22 30	0 38	20 51	0 55	23 6	1 0	18 55	19 17	15 33		n.a.
T 30	10n12	20s37	0s28	14n20	1n22	20n11	1n15	13n31	0n20	0n30	1s10	24n20	0n28	22s30	0s38	20s51	0s55	23s 6	1s 0	18n55	19n16	15s31		n.a.

Julian Day Number = 1195188.5, Delta T = 09h28m09s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'17, Lahiri = -23°50'17 Julian Calendar 1 Apr. 1441 BCE == Greg. Calendar 19 March 1441 BCE

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

MAY 1441 BCE (-1440) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 45 11	26♈54'59	11♐52	6♉ 4	24♉41	5♉ 1	4♈ 5	28♊44	22♏57	2♒30	8°R33	23♉17	24♉35	2♓36	n.a.	F 1
S 2	13 49 8	27°52'07	24°55	8° 8	25°54	5°40	4°19	28°49	22°57	2°31	8♐32	23°19	24°32	2°43	n.a.	S 2
S 3	13 53 4	28°49'15	7♏35	10°10	27° 6	6°20	4°32	28°54	22°58	2°31	8°31	23°20	24°29	2°49	n.a.	S 3
M 4	13 57 1	29°46'23	19°58	12°10	28°18	6°59	4°45	28°59	22°58	2°32	8°30	23°22	24°25	2°56	n.a.	M 4
T 5	14 0 57	0♉43'30	2♒ 6	14° 9	29°30	7°39	4°59	29° 4	22°58	2°32	8°29	23°R22	24°22	3° 3	n.a.	T 5
W 6	14 4 54	1°40'37	14° 4	16° 5	0♊42	8°19	5°12	29° 9	22°58	2°33	8°28	23°21	24°19	3°10	n.a.	W 6
T 7	14 8 50	2°37'44	25°57	17°59	1°54	8°58	5°25	29°14	22°59	2°33	8°27	23°20	24°16	3°16	n.a.	T 7
F 8	14 12 47	3°34'50	7♓50	19°51	3° 6	9°37	5°39	29°20	22°59	2°33	8°26	23°17	24°13	3°23	n.a.	F 8
S 9	14 16 44	4°31'56	19°46	21°40	4°18	10°17	5°52	29°25	22°59	2°34	8°25	23°15	24°10	3°30	n.a.	S 9
S 10	14 20 40	5°29'03	1♈48	23°27	5°30	10°56	6° 5	29°31	22°59	2°34	8°24	23°12	24° 6	3°37	n.a.	S 10
M11	14 24 37	6°26'08	13°59	25°12	6°42	11°36	6°18	29°36	22°R59	2°34	8°23	23° 9	24° 3	3°43	n.a.	M11
T 12	14 28 33	7°23'14	26°21	26°55	7°54	12°15	6°31	29°42	22°59	2°34	8°21	23° 7	24° 0	3°50	n.a.	T 12
W13	14 32 30	8°20'20	8♉56	28°35	9° 6	12°54	6°44	29°47	22°59	2°35	8°20	23° 6	23°57	3°57	n.a.	W13
T 14	14 36 26	9°17'25	21°43	0♊13	10°17	13°34	6°57	29°53	22°59	2°35	8°19	23°D 6	23°54	4° 3	n.a.	T 14
F 15	14 40 23	10°14'31	4♊45	1°49	11°29	14°13	7°10	29°59	22°59	2°35	8°18	23° 6	23°50	4°10	n.a.	F 15
S 16	14 44 19	11°11'36	17°59	3°22	12°41	14°52	7°23	0♋ 4	22°58	2°35	8°16	23° 7	23°47	4°17	n.a.	S 16
S 17	14 48 16	12° 8'40	1♋28	4°53	13°53	15°32	7°36	0°10	22°58	2°35	8°15	23° 8	23°44	4°24	n.a.	S 17
M18	14 52 13	13° 5'45	15° 9	6°21	15° 4	16°11	7°48	0°16	22°58	2°35	8°14	23° 9	23°41	4°30	n.a.	M18
T 19	14 56 9	14° 2'49	29° 2	7°47	16°16	16°50	8° 1	0°22	22°57	2°R35	8°13	23° 9	23°38	4°37	n.a.	T 19
W20	15 0 6	14°59'53	13♌ 7	9°11	17°27	17°29	8°13	0°28	22°57	2°35	8°11	23°R 9	23°35	4°44	n.a.	W20
T 21	15 4 2	15°56'56	27°21	10°32	18°39	18° 8	8°26	0°34	22°56	2°35	8°10	23° 9	23°31	4°51	n.a.	T 21
F 22	15 7 59	16°53'59	11♍42	11°51	19°50	18°47	8°38	0°40	22°56	2°35	8° 9	23° 9	23°28	4°57	n.a.	F 22
S 23	15 11 55	17°51'02	26° 7	13° 7	21° 1	19°26	8°51	0°47	22°55	2°35	8° 7	23° 8	23°25	5° 4	n.a.	S 23
S 24	15 15 52	18°48'05	10♎31	14°20	22°13	20° 5	9° 3	0°53	22°55	2°35	8° 6	23° 8	23°22	5°11	n.a.	S 24
M25	15 19 49	19°45'08	24°50	15°31	23°24	20°44	9°15	0°59	22°54	2°34	8° 5	23° 7	23°19	5°17	n.a.	M25
T 26	15 23 45	20°42'11	9♏ 0	16°39	24°35	21°23	9°28	1° 6	22°53	2°34	8° 3	23° 7	23°16	5°24	n.a.	T 26
W27	15 27 42	21°39'14	22°56	17°44	25°46	22° 2	9°40	1°12	22°53	2°34	8° 2	23°D 7	23°12	5°31	n.a.	W27
T 28	15 31 38	22°36'17	6♐34	18°46	26°58	22°41	9°52	1°18	22°52	2°34	8° 1	23° 7	23° 9	5°38	n.a.	T 28
F 29	15 35 35	23°33'21	19°53	19°45	28° 9	23°20	10° 4	1°25	22°51	2°33	7°59	23°R 7	23° 6	5°44	n.a.	F 29
S 30	15 39 31	24°30'25	2♑52	20°41	29°20	23°59	10°16	1°31	22°50	2°33	7°58	23° 7	23° 3	5°51	n.a.	S 30
S 31	15 43 28	25♑27'30	15♑32	21♊34	0♋31	24♉38	10♈28	1♋38	22♏49	2♒33	7♐56	23♉ 7	23♉ 0	5♓58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n33	24s16	1s40	15n10	1n29	20n31	1n17	13n45	0n21	0n35	1s10	24n20	0n28	22s30	0s38	20s51	0s55	23s 6	1s 0	18n56	19n15	15s28		n.a.
S 2	10 54	26 31	2 45	15 59	1 36	20 51	1 19	13 59	0 21	0 41	1 10	24 20	0 28	22 30	0 38	20 51	0 55	23 6	1 0	18 56	19 14	15 25		n.a.
S 3	11 15	27 18	3 40	16 45	1 42	21 10	1 21	14 13	0 22	0 46	1 10	24 20	0 28	22 30	0 38	20 51	0 55	23 6	1 0	18 56	19 14	15 23		n.a.
M 4	11 35	26 41	4 23	17 28	1 48	21 29	1 23	14 26	0 22	0 52	1 10	24 20	0 28	22 30	0 38	20 51	0 55	23 6	1 0	18 57	19 13	15 20		n.a.
T 5	11 56	24 48	4 53	18 10	1 53	21 47	1 25	14 40	0 23	0 57	1 10	24 20	0 28	22 30	0 38	20 51	0 55	23 6	1 0	18 57	19 12	15 18		n.a.
W 6	12 16	21 50	5 10	18 49	1 57	22 5	1 27	14 54	0 23	1 2	1 10	24 20	0 28	22 30	0 38	20 50	0 55	23 6	1 0	18 57	19 11	15 15		n.a.
T 7	12 36	18 0	5 14	19 25	2 1	22 22	1 29	15 7	0 24	1 8	1 10	24 20	0 28	22 30	0 39	20 50	0 56	23 6	1 0	18 56	19 10	15 12		n.a.
F 8	12 56	13 28	5 4	20 0	2 4	22 38	1 31	15 20	0 24	1 13	1 10	24 20	0 28	22 30	0 39	20 50	0 56	23 6	1 1	18 56	19 10	15 10		n.a.
S 9	13 16	8 25	4 42	20 32	2 6	22 54	1 33	15 33	0 25	1 18	1 10	24 20	0 28	22 30	0 39	20 50	0 56	23 6	1 1	18 55	19 9	15 7		n.a.
S 10	13 35	3 2	4 6	21 1	2 8	23 9	1 34	15 47	0 25	1 24	1 10	24 20	0 28	22 30	0 39	20 50	0 56	23 6	1 1	18 54	19 8	15 4		n.a.
M11	13 54	2n33	3 19	21 29	2 8	23 23	1 36	15 59	0 26	1 29	1 10	24 20	0 29	22 30	0 39	20 50	0 56	23 6	1 1	18 54	19 7	15 2		n.a.
T 12	14 13	8 8	2 22	21 54	2 9	23 37	1 37	16 12	0 26	1 34	1 10	24 21	0 29	22 30	0 39	20 50	0 56	23 6	1 1	18 53	19 6	14 59		n.a.
W13	14 32	13 30	1 17	22 17	2 8	23 50	1 39	16 25	0 27	1 39	1 10	24 21	0 29	22 30	0 39	20 50	0 56	23 6	1 1	18 53	19 6	14 56		n.a.
T 14	14 51	18 24	0 8	22 37	2 7	24 3	1 40	16 38	0 28	1 44	1 10	24 21	0 29	22 30	0 39	20 50	0 56	23 5	1 1	18 53	19 5	14 54		n.a.
F 15	15 9	22 31	1n 4	22 56	2 5	24 15	1 42	16 50	0 28	1 49	1 10	24 21	0 29	22 30	0 39	20 50	0 56	23 5	1 1	18 53	19 4	14 51		n.a.
S 16	15 27	25 31	2 13	23 12	2 3	24 26	1 43	17 2	0 29	1 55	1 10	24 21	0 29	22 31	0 39	20 50	0 56	23 5	1 1	18 53	19 3	14 48		n.a.
S 17	15 45	27 8	3 17	23 27	1 59	24 36	1 45	17 15	0 29	2 0	1 10	24 21	0 29	22 31	0 39	20 50	0 56	23 5	1 2	18 53	19 2	14 46		n.a.
M18	16 3	27 7	4 10	23 39	1 56	24 46	1 46	17 27	0 30	2 5	1 10	24 21	0 29	22 31	0 39	20 50	0 56	23 5	1 2	18 53	19 2	14 43		n.a.
T 19	16 20	25 25	4 49	23 50	1 51	24 55	1 47	17 39	0 30	2 10	1 10	24 21	0 29	22 31	0 39	20 50	0 56	23 5	1 2	18 53	19 1	14 40		n.a.
W20	16 37	22 9	5 12	23 58	1 46	25 3	1 48	17 50	0 31	2 15	1 10	24 21	0 29	22 31	0 39	20 50	0 56	23 5	1 2	18 54	19 0	14 38		n.a.
T 21	16 54	17 32	5 16	24 5	1 41	25 11	1 49	18 2	0 31	2 20	1 10	24 21	0 29	22 31	0 39	20 51	0 56	23 5	1 2	18 54	18 59	14 35		n.a.
F 22	17 11	11 54	5 0	24 10	1 34	25 18	1 50	18 14	0 32	2 25	1 10	24 21	0 29	22 31	0 39	20 51	0 56	23 5	1 2	18 53	18 58	14 32		n.a.
S 23	17 27	5 37	4 26	24 13	1 28	25 24	1 51	18 25	0 32	2 29	1 10	24 21	0 29	22 31	0 39	20 51	0 56	23 5	1 2	18 53	18 58	14 30		n.a.
S 24	17 43	0s57	3 35	24 15	1 20	25 29	1 51	18 36	0 33	2 34	1 11	24 21	0 29	22 31	0 39	20 51	0 56	23 4	1 2	18 53	18 57	14 27		n.a.
M25	17 59	7 28	2 30	24 15	1 12	25 34	1 52	18 47	0 33	2 39	1 11	24 21	0 29	22 32	0 39	20 51	0 56	23 4	1 2	18 53	18 56	14 24		n.a.
T 26	18 15	13 32	1 17	24 14	1 4	25 38	1 53	18 58	0 34	2 44	1 11	24 21	0 29	22 32	0 39	20 51	0 56	23 4	1 3	18 53	18 55	14 21		n.a.
W27	18 30	18 49	0 1	24 12	0 55	25 41	1 53	19 9	0 34	2 49	1 11	24 21	0 29	22 32	0 39	20 51	0 56	23 4	1 3	18 53	18 54	14 19		n.a.
T 28	18 45	23 0	1s14	24 8	0 45	25 43	1 54	19 20	0 35	2 54	1 11	24 21	0 29	22 32	0 39	20 51	0 56	23 4	1 3	18 53	18 53	14 16		n.a.
F 29	19 0	25 51	2 23	24 3	0 35	25 45	1 54	19 30	0 35	2 58	1 11	24 21	0 30	22 32	0 39	20 51	0 56	23 4	1 3	18 53	18 53	14 13		n.a.
S 30	19 14	27 13	3 23	23 56	0 24	25 46	1 54	19 41	0 36	3 3	1 11	24 21	0 30	22 32	0 39	20 51	0 57	23 4	1 3	18 53	18 52	14 11		n.a.
S 31	19n28	27s 6	4s11	23n49	0n13	25n46	1n54	19n51	0n36	3n 8	1s11	24n21	0n30	22s33	0s39	20s52	0s57	23s 4	1s 3	18n53	18n51	14s 8		n.a.

Julian Day Number = 1195218.5, Delta T = 09h28m07s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'13, Lahiri = -23°50'13 Julian Calendar 1 May 1441 BCE == Greg. Calendar 18 Apr. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

JUNE 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 47 25	26♉24'36	27♋56	22♊23	1♋41	25♉17	10♈39	1♋45	22°R48	2°R32	7°R55	23°R 7	22♉56	6♓ 4	n.a.	M 1
T 2	15 51 21	27°21'42	10♒ 5	23° 9	2°52	25°56	10°51	1°51	22♋47	2♒32	7♐54	23♉ 6	22°53	6°11	n.a.	T 2
W 3	15 55 18	28°18'48	22° 5	23°52	4° 3	26°35	11° 3	1°58	22°46	2°31	7°52	23° 6	22°50	6°18	n.a.	W 3
T 4	15 59 14	29°15'56	3♓59	24°30	5°14	27°13	11°14	2° 5	22°45	2°31	7°51	23°D 6	22°47	6°25	n.a.	T 4
F 5	16 3 11	0♊13'04	15°53	25° 5	6°24	27°52	11°26	2°12	22°44	2°30	7°49	23° 6	22°44	6°31	n.a.	F 5
S 6	16 7 7	1°10'13	27°50	25°35	7°35	28°31	11°37	2°18	22°43	2°30	7°48	23° 7	22°41	6°38	n.a.	S 6
S 7	16 11 4	2° 7'23	9♈55	26° 2	8°46	29°10	11°48	2°25	22°41	2°29	7°46	23° 8	22°37	6°45	n.a.	S 7
M 8	16 15 0	3° 4'34	22°11	26°24	9°56	29°49	11°59	2°32	22°40	2°28	7°45	23° 9	22°34	6°51	n.a.	M 8
T 9	16 18 57	4° 1'45	4♉43	26°41	11° 7	0♊27	12°11	2°39	22°39	2°28	7°44	23° 9	22°31	6°58	n.a.	T 9
W10	16 22 54	4°58'58	17°31	26°54	12°17	1° 6	12°22	2°46	22°38	2°27	7°42	23°R10	22°28	7° 5	n.a.	W10
T 11	16 26 50	5°56'11	0♊38	27° 3	13°27	1°45	12°33	2°53	22°36	2°26	7°41	23°10	22°25	7°12	n.a.	T 11
F 12	16 30 47	6°53'26	14° 2	27°R 6	14°38	2°23	12°43	3° 0	22°35	2°26	7°39	23° 9	22°21	7°18	n.a.	F 12
S 13	16 34 43	7°50'41	27°42	27° 4	15°48	3° 2	12°54	3° 7	22°33	2°25	7°38	23° 8	22°18	7°25	n.a.	S 13
S 14	16 38 40	8°47'56	11♋36	26°57	16°58	3°41	13° 5	3°15	22°32	2°24	7°36	23° 6	22°15	7°32	n.a.	S 14
M15	16 42 36	9°45'13	25°41	26°46	18° 8	4°19	13°15	3°22	22°30	2°23	7°35	23° 4	22°12	7°39	n.a.	M15
T 16	16 46 33	10°42'30	9♌53	26°29	19°18	4°58	13°26	3°29	22°29	2°22	7°33	23° 2	22° 9	7°45	n.a.	T 16
W17	16 50 30	11°39'48	24° 9	26° 8	20°28	5°36	13°36	3°36	22°27	2°22	7°32	23° 0	22° 6	7°52	n.a.	W17
T 18	16 54 26	12°37'06	8♍24	25°42	21°38	6°15	13°46	3°43	22°25	2°21	7°31	23°D 0	22° 2	7°59	n.a.	T 18
F 19	16 58 23	13°34'25	22°37	25°11	22°47	6°53	13°56	3°51	22°24	2°20	7°29	23° 0	21°59	8° 5	n.a.	F 19
S 20	17 2 19	14°31'44	6♎45	24°36	23°57	7°32	14° 6	3°58	22°22	2°19	7°28	23° 1	21°56	8°12	n.a.	S 20
S 21	17 6 16	15°29'05	20°46	23°58	25° 7	8°10	14°16	4° 5	22°20	2°18	7°26	23° 2	21°53	8°19	n.a.	S 21
M22	17 10 12	16°26'26	4♏39	23°17	26°16	8°49	14°26	4°13	22°19	2°17	7°25	23° 3	21°50	8°26	n.a.	M22
T 23	17 14 9	17°23'48	18°22	22°33	27°25	9°27	14°36	4°20	22°17	2°16	7°23	23°R 4	21°47	8°32	n.a.	T 23
W24	17 18 5	18°21'12	1♐52	21°48	28°35	10° 6	14°45	4°27	22°15	2°15	7°22	23° 4	21°43	8°39	n.a.	W24
T 25	17 22 2	19°18'36	15°10	21° 2	29°44	10°44	14°55	4°35	22°13	2°14	7°21	23° 3	21°40	8°46	n.a.	T 25
F 26	17 25 59	20°16'02	28°13	20°15	0♌53	11°23	15° 4	4°42	22°11	2°12	7°19	23° 0	21°37	8°52	n.a.	F 26
S 27	17 29 55	21°13'29	11♑ 2	19°29	2° 2	12° 1	15°14	4°49	22° 9	2°11	7°18	22°56	21°34	8°59	n.a.	S 27
S 28	17 33 52	22°10'57	23°35	18°45	3°11	12°39	15°23	4°57	22° 7	2°10	7°16	22°51	21°31	9° 6	n.a.	S 28
M29	17 37 48	23° 8'27	5♒55	18° 4	4°20	13°18	15°32	5° 4	22° 5	2° 9	7°15	22°46	21°27	9°13	n.a.	M29
T 30	17 41 45	24♊ 5'58	18♒ 3	17♊25	5♌29	13♊56	15♈41	5♋12	22♑ 3	2♒ 8	7♐14	22♉42	21♉24	9♓19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n42	25s37	4s47	23n40	0n 2	25n46	1n55	20n 1	0n37	3n12	1s11	24n21	0n30	22s33	0s39	20s52	0s57	23s 3	1s 3	18n53	18n50	14s 5		n.a.
T 2	19 55	22 58	5 9	23 31	0s10	25 45	1 55	20 11	0 37	3 17	1 11	24 21	0 30	22 33	0 39	20 52	0 57	23 3	1 3	18 53	18 49	14 2		n.a.
W 3	20 8	19 22	5 17	23 21	0 23	25 43	1 55	20 21	0 37	3 21	1 11	24 21	0 30	22 33	0 39	20 52	0 57	23 3	1 3	18 53	18 49	14 0		n.a.
T 4	20 21	15 2	5 11	23 9	0 36	25 40	1 54	20 30	0 38	3 26	1 11	24 21	0 30	22 33	0 40	20 52	0 57	23 3	1 3	18 53	18 48	13 57		n.a.
F 5	20 33	10 8	4 52	22 58	0 49	25 36	1 54	20 40	0 38	3 30	1 12	24 21	0 30	22 34	0 40	20 52	0 57	23 3	1 4	18 53	18 47	13 54		n.a.
S 6	20 46	4 51	4 20	22 45	1 2	25 32	1 54	20 49	0 39	3 35	1 12	24 21	0 30	22 34	0 40	20 52	0 57	23 3	1 4	18 53	18 46	13 51		n.a.
S 7	20 57	0n41	3 37	22 32	1 16	25 27	1 53	20 58	0 39	3 39	1 12	24 21	0 30	22 34	0 40	20 53	0 57	23 3	1 4	18 53	18 45	13 49		n.a.
M 8	21 9	6 16	2 43	22 19	1 30	25 22	1 53	21 7	0 40	3 43	1 12	24 21	0 30	22 34	0 40	20 53	0 57	23 2	1 4	18 53	18 44	13 46		n.a.
T 9	21 20	11 45	1 40	22 5	1 44	25 15	1 52	21 16	0 40	3 48	1 12	24 20	0 30	22 35	0 40	20 53	0 57	23 2	1 4	18 54	18 44	13 43		n.a.
W10	21 30	16 52	0 31	21 51	1 59	25 8	1 52	21 25	0 41	3 52	1 12	24 20	0 30	22 35	0 40	20 53	0 57	23 2	1 4	18 54	18 43	13 40		n.a.
T 11	21 41	21 19	0n41	21 37	2 13	25 0	1 51	21 33	0 41	3 56	1 12	24 20	0 30	22 35	0 40	20 53	0 57	23 2	1 4	18 54	18 42	13 37		n.a.
F 12	21 51	24 45	1 53	21 23	2 27	24 52	1 50	21 41	0 42	4 0	1 12	24 20	0 30	22 35	0 40	20 54	0 57	23 2	1 4	18 53	18 41	13 35		n.a.
S 13	22 0	26 50	2 59	21 9	2 41	24 43	1 49	21 50	0 42	4 5	1 12	24 20	0 30	22 36	0 40	20 54	0 57	23 2	1 4	18 53	18 40	13 32		n.a.
S 14	22 10	27 16	3 56	20 54	2 55	24 33	1 48	21 58	0 43	4 9	1 12	24 20	0 30	22 36	0 40	20 54	0 57	23 2	1 4	18 53	18 39	13 29		n.a.
M15	22 18	25 58	4 40	20 41	3 9	24 22	1 47	22 5	0 43	4 13	1 13	24 20	0 31	22 36	0 40	20 54	0 57	23 1	1 5	18 52	18 39	13 26		n.a.
T 16	22 27	23 0	5 7	20 27	3 22	24 11	1 45	22 13	0 44	4 17	1 13	24 20	0 31	22 37	0 40	20 55	0 57	23 1	1 5	18 52	18 38	13 24		n.a.
W17	22 35	18 38	5 15	20 14	3 35	23 59	1 44	22 21	0 44	4 21	1 13	24 20	0 31	22 37	0 40	20 55	0 57	23 1	1 5	18 51	18 37	13 21		n.a.
T 18	22 43	13 14	5 4	20 1	3 46	23 47	1 42	22 28	0 44	4 25	1 13	24 19	0 31	22 37	0 40	20 55	0 57	23 1	1 5	18 51	18 36	13 18		n.a.
F 19	22 50	7 9	4 34	19 49	3 57	23 33	1 41	22 35	0 45	4 29	1 13	24 19	0 31	22 37	0 40	20 55	0 57	23 1	1 5	18 51	18 35	13 15		n.a.
S 20	22 57	0 45	3 48	19 38	4 7	23 20	1 39	22 42	0 45	4 32	1 13	24 19	0 31	22 38	0 40	20 56	0 57	23 1	1 5	18 51	18 34	13 12		n.a.
S 21	23 4	5s39	2 48	19 28	4 16	23 5	1 37	22 49	0 46	4 36	1 13	24 19	0 31	22 38	0 40	20 56	0 57	23 1	1 5	18 52	18 34	13 9		n.a.
M22	23 10	11 44	1 40	19 19	4 23	22 50	1 36	22 55	0 46	4 40	1 13	24 19	0 31	22 38	0 40	20 56	0 57	23 0	1 5	18 52	18 33	13 7		n.a.
T 23	23 15	17 11	0 26	19 11	4 29	22 34	1 34	23 2	0 47	4 44	1 13	24 19	0 31	22 39	0 40	20 56	0 57	23 0	1 5	18 52	18 32	13 4		n.a.
W24	23 21	21 41	0s48	19 4	4 33	22 18	1 32	23 8	0 47	4 47	1 14	24 18	0 31	22 39	0 40	20 57	0 57	23 0	1 5	18 52	18 31	13 1		n.a.
T 25	23 26	24 59	1 58	18 59	4 35	22 1	1 29	23 14	0 48	4 51	1 14	24 18	0 31	22 39	0 40	20 57	0 58	23 0	1 5	18 52	18 30	12 58		n.a.
F 26	23 30	26 52	3 1	18 55	4 36	21 44	1 27	23 20	0 48	4 54	1 14	24 18	0 31	22 40	0 40	20 57	0 58	23 0	1 5	18 51	18 29	12 55		n.a.
S 27	23 34	27 16	3 53	18 52	4 35	21 26	1 25	23 26	0 48	4 58	1 14	24 18	0 31	22 40	0 40	20 57	0 58	23 0	1 6	18 50	18 29	12 53		n.a.
S 28	23 38	26 14	4 32	18 52	4 32	21 7	1 22	23 32	0 49	5 1	1 14	24 18	0 31	22 40	0 40	20 58	0 58	22 59	1 6	18 49	18 28	12 50		n.a.
M29	23 41	23 56	4 58	18 53	4 27	20 48	1 20	23 37	0 49	5 5	1 14	24 17	0 32	22 41	0 40	20 58	0 58	22 59	1 6	18 48	18 27	12 47		n.a.
T 30	23n44	20s36	5s11	18n56	4s21	20n29	1n17	23n42	0n50	5n 8	1s14	24n17	0n32	22s41	0s40	20s58	0s58	22s59	1s 6	18n46	18n26	12s44		n.a.

Julian Day Number = 1195249.5, Delta T = 09h28m05s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'09, Lahiri = -23°50'08 Julian Calendar 1 June 1441 BCE == Greg. Calendar 19 May 1441 BCE

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

JULY 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 45 41	25♊ 3'30	0♓ 2	16°R51	6♌37	14♊34	15♈49	5♋19	22°R 1	2°R 7	7°R12	22°R38	21♉21	9♓26	n.a.	W 1
T 2	17 49 38	26° 1'04	11°55	16♊22	7°46	15°13	15°58	5°27	21♑59	2♒ 5	7♐11	22♉36	21°18	9°33	n.a.	T 2
F 3	17 53 34	26°58'40	23°48	15°58	8°54	15°51	16° 6	5°34	21°57	2° 4	7°10	22°D34	21°15	9°39	n.a.	F 3
S 4	17 57 31	27°56'18	5♈44	15°40	10° 3	16°29	16°15	5°42	21°55	2° 3	7° 8	22°35	21°12	9°46	n.a.	S 4
S 5	18 1 28	28°53'57	17°48	15°28	11°11	17° 8	16°23	5°49	21°53	2° 1	7° 7	22°36	21° 8	9°53	n.a.	S 5
M 6	18 5 24	29°51'38	0♉ 6	15°D23	12°19	17°46	16°31	5°57	21°51	2° 0	7° 6	22°37	21° 5	10° 0	n.a.	M 6
T 7	18 9 21	0♋49'21	12°42	15°26	13°27	18°24	16°39	6° 5	21°49	1°59	7° 4	22°39	21° 2	10° 6	n.a.	T 7
W 8	18 13 17	1°47'05	25°38	15°36	14°35	19° 3	16°47	6°12	21°46	1°57	7° 3	22°R39	20°59	10°13	n.a.	W 8
T 9	18 17 14	2°44'52	8♊58	15°53	15°43	19°41	16°55	6°20	21°44	1°56	7° 2	22°38	20°56	10°20	n.a.	T 9
F 10	18 21 10	3°42'40	22°41	16°18	16°50	20°19	17° 2	6°27	21°42	1°55	7° 0	22°35	20°53	10°26	n.a.	F 10
S 11	18 25 7	4°40'30	6♋46	16°50	17°58	20°57	17°10	6°35	21°40	1°53	6°59	22°30	20°49	10°33	n.a.	S 11
S 12	18 29 4	5°38'21	21° 7	17°29	19° 5	21°36	17°17	6°42	21°37	1°52	6°58	22°24	20°46	10°40	n.a.	S 12
M13	18 33 0	6°36'14	5♌40	18°16	20°12	22°14	17°24	6°50	21°35	1°50	6°57	22°17	20°43	10°47	n.a.	M13
T 14	18 36 57	7°34'08	20°17	19°10	21°20	22°52	17°31	6°58	21°33	1°49	6°56	22°11	20°40	10°53	n.a.	T 14
W15	18 40 53	8°32'04	4♍53	20°11	22°27	23°30	17°38	7° 5	21°30	1°47	6°54	22° 5	20°37	11° 0	n.a.	W15
T 16	18 44 50	9°30'02	19°20	21°18	23°33	24° 8	17°44	7°13	21°28	1°46	6°53	22° 2	20°33	11° 7	n.a.	T 16
F 17	18 48 46	10°28'00	3♎35	22°31	24°40	24°46	17°51	7°20	21°26	1°44	6°52	22° 0	20°30	11°14	n.a.	F 17
S 18	18 52 43	11°26'00	17°37	23°51	25°47	25°25	17°57	7°28	21°23	1°43	6°51	22°D 0	20°27	11°20	n.a.	S 18
S 19	18 56 39	12°24'02	1♏24	25°16	26°53	26° 3	18° 3	7°35	21°21	1°41	6°50	22° 1	20°24	11°27	n.a.	S 19
M20	19 0 36	13°22'05	14°57	26°45	27°59	26°41	18°10	7°43	21°19	1°40	6°49	22° 2	20°21	11°34	n.a.	M20
T 21	19 4 32	14°20'10	28°16	28°20	29° 5	27°19	18°15	7°51	21°16	1°38	6°48	22°R 2	20°18	11°40	n.a.	T 21
W22	19 8 29	15°18'17	11♐24	29°58	0♏11	27°57	18°21	7°58	21°14	1°37	6°47	22° 0	20°14	11°47	n.a.	W22
T 23	19 12 26	16°16'25	24°19	1♋40	1°17	28°35	18°27	8° 6	21°12	1°35	6°46	21°56	20°11	11°54	n.a.	T 23
F 24	19 16 22	17°14'35	7♑ 4	3°26	2°22	29°13	18°32	8°13	21° 9	1°33	6°44	21°49	20° 8	12° 1	n.a.	F 24
S 25	19 20 19	18°12'47	19°37	5°13	3°28	29°51	18°37	8°21	21° 7	1°32	6°43	21°41	20° 5	12° 7	n.a.	S 25
S 26	19 24 15	19°11'01	2♒ 0	7° 3	4°33	0♋29	18°42	8°28	21° 4	1°30	6°43	21°30	20° 2	12°14	n.a.	S 26
M27	19 28 12	20° 9'17	14°12	8°55	5°38	1° 7	18°47	8°36	21° 2	1°29	6°42	21°19	19°59	12°21	n.a.	M27
T 28	19 32 8	21° 7'34	26°15	10°48	6°42	1°45	18°52	8°43	21° 0	1°27	6°41	21° 9	19°55	12°27	n.a.	T 28
W29	19 36 5	22° 5'54	8♓11	12°42	7°47	2°23	18°57	8°51	20°57	1°25	6°40	21° 0	19°52	12°34	n.a.	W29
T 30	19 40 1	23° 4'16	20° 3	14°37	8°51	3° 1	19° 1	8°58	20°55	1°24	6°39	20°52	19°49	12°41	n.a.	T 30
F 31	19 43 58	24♋ 2'41	1♈53	16♋32	9♍55	3♋39	19♈ 5	9♋ 5	20♑52	1♒22	6♐38	20♉47	19♉46	12♓48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n46	16s28	5s 9	19n 0	4s13	20n 9	1n14	23n47	0n50	5n11	1s15	24n17	0n32	22s41	0s40	20s59	0s58	22s59	1s 6	18n45	18n25	12s41		n.a.
T 2	23 48	11 44	4 54	19 7	4 4	19 48	1 11	23 52	0 51	5 15	1 15	24 17	0 32	22 42	0 40	20 59	0 58	22 59	1 6	18 45	18 24	12 38		n.a.
F 3	23 50	6 35	4 27	19 15	3 53	19 27	1 9	23 57	0 51	5 18	1 15	24 17	0 32	22 42	0 40	20 59	0 58	22 59	1 6	18 45	18 24	12 35		n.a.
S 4	23 51	1 10	3 48	19 25	3 41	19 6	1 5	24 1	0 51	5 21	1 15	24 16	0 32	22 43	0 40	21 0	0 58	22 59	1 6	18 45	18 23	12 33		n.a.
S 5	23 52	4n22	2 58	19 37	3 27	18 44	1 2	24 5	0 52	5 24	1 15	24 16	0 32	22 43	0 40	21 0	0 58	22 58	1 6	18 45	18 22	12 30		n.a.
M 6	23 52	9 51	2 0	19 51	3 13	18 21	0 59	24 10	0 52	5 27	1 15	24 16	0 32	22 43	0 40	21 0	0 58	22 58	1 6	18 45	18 21	12 27		n.a.
T 7	23 52	15 4	0 54	20 6	2 59	17 58	0 56	24 14	0 53	5 30	1 15	24 16	0 32	22 44	0 40	21 1	0 58	22 58	1 6	18 46	18 20	12 24		n.a.
W 8	23 51	19 46	0n16	20 22	2 43	17 35	0 52	24 17	0 53	5 33	1 16	24 15	0 32	22 44	0 40	21 1	0 58	22 58	1 6	18 46	18 19	12 21		n.a.
T 9	23 50	23 38	1 27	20 40	2 27	17 11	0 49	24 21	0 54	5 36	1 16	24 15	0 32	22 44	0 40	21 1	0 58	22 58	1 7	18 45	18 18	12 18		n.a.
F 10	23 49	26 15	2 35	20 58	2 11	16 47	0 45	24 24	0 54	5 39	1 16	24 15	0 32	22 45	0 40	21 2	0 58	22 58	1 7	18 45	18 18	12 15		n.a.
S 11	23 47	27 17	3 36	21 18	1 55	16 23	0 42	24 27	0 54	5 41	1 16	24 14	0 32	22 45	0 40	21 2	0 58	22 58	1 7	18 43	18 17	12 12		n.a.
S 12	23 45	26 31	4 24	21 38	1 39	15 58	0 38	24 30	0 55	5 44	1 16	24 14	0 33	22 46	0 40	21 2	0 58	22 57	1 7	18 42	18 16	12 10		n.a.
M13	23 42	23 57	4 55	21 58	1 22	15 33	0 34	24 33	0 55	5 47	1 16	24 14	0 33	22 46	0 40	21 3	0 58	22 57	1 7	18 40	18 15	12 7		n.a.
T 14	23 39	19 50	5 8	22 19	1 6	15 7	0 30	24 36	0 56	5 49	1 16	24 13	0 33	22 46	0 40	21 3	0 58	22 57	1 7	18 38	18 14	12 4		n.a.
W15	23 35	14 32	5 0	22 39	0 51	14 41	0 26	24 38	0 56	5 52	1 17	24 13	0 33	22 47	0 40	21 3	0 58	22 57	1 7	18 37	18 13	12 1		n.a.
T 16	23 31	8 29	4 34	22 59	0 35	14 15	0 22	24 40	0 56	5 54	1 17	24 13	0 33	22 47	0 40	21 4	0 58	22 57	1 7	18 36	18 12	11 58		n.a.
F 17	23 27	2 4	3 51	23 19	0 20	13 48	0 17	24 42	0 57	5 56	1 17	24 12	0 33	22 47	0 41	21 4	0 58	22 57	1 7	18 36	18 12	11 55		n.a.
S 18	23 22	4s21	2 54	23 37	0 6	13 22	0 13	24 44	0 57	5 59	1 17	24 12	0 33	22 48	0 41	21 5	0 58	22 57	1 7	18 35	18 11	11 52		n.a.
S 19	23 17	10 28	1 49	23 54	0n 7	12 54	0 9	24 46	0 58	6 1	1 17	24 12	0 33	22 48	0 41	21 5	0 58	22 57	1 7	18 36	18 10	11 49		n.a.
M20	23 11	16 0	0 38	24 9	0 20	12 27	0 4	24 47	0 58	6 3	1 17	24 11	0 33	22 49	0 41	21 5	0 58	22 56	1 7	18 36	18 9	11 46		n.a.
T 21	23 5	20 40	0s33	24 23	0 32	11 59	0s 0	24 49	0 58	6 5	1 18	24 11	0 33	22 49	0 41	21 6	0 58	22 56	1 7	18 36	18 8	11 43		n.a.
W22	22 58	24 14	1 42	24 35	0 43	11 32	0 5	24 50	0 59	6 7	1 18	24 11	0 33	22 49	0 41	21 6	0 58	22 56	1 8	18 36	18 7	11 40		n.a.
T 23	22 51	26 28	2 44	24 45	0 53	11 4	0 10	24 51	0 59	6 9	1 18	24 10	0 34	22 50	0 41	21 6	0 58	22 56	1 8	18 34	18 6	11 38		n.a.
F 24	22 44	27 17	3 37	24 52	1 3	10 35	0 15	24 51	1 0	6 11	1 18	24 10	0 34	22 50	0 41	21 7	0 58	22 56	1 8	18 33	18 6	11 35		n.a.
S 25	22 36	26 39	4 18	24 57	1 11	10 7	0 19	24 52	1 0	6 13	1 18	24 9	0 34	22 51	0 41	21 7	0 58	22 56	1 8	18 30	18 5	11 32		n.a.
S 26	22 28	24 43	4 46	24 59	1 19	9 38	0 24	24 52	1 0	6 15	1 18	24 9	0 34	22 51	0 41	21 8	0 58	22 56	1 8	18 28	18 4	11 29		n.a.
M27	22 19	21 39	5 1	24 59	1 25	9 9	0 29	24 52	1 1	6 17	1 19	24 9	0 34	22 51	0 41	21 8	0 58	22 56	1 8	18 25	18 3	11 26		n.a.
T 28	22 10	17 43	5 2	24 56	1 31	8 40	0 35	24 52	1 1	6 18	1 19	24 8	0 34	22 52	0 41	21 8	0 58	22 56	1 8	18 22	18 2	11 23		n.a.
W29	22 1	13 7	4 50	24 50	1 36	8 11	0 40	24 52	1 2	6 20	1 19	24 8	0 34	22 52	0 41	21 9	0 58	22 55	1 8	18 19	18 1	11 20		n.a.
T 30	21 51	8 4	4 26	24 42	1 40	7 42	0 45	24 52	1 2	6 21	1 19	24 7	0 34	22 52	0 41	21 9	0 58	22 55	1 8	18 18	18 0	11 17		n.a.
F 31	21n41	2s44	3s50	24n32	1n43	7n13	0s50	24n51	1n 2	6n23	1s19	24n 7	0n34	22s53	0s41	21s10	0s58	22s55	1s 8	18n16	17n59	11s14		n.a.

Julian Day Number = 1195279.5, Delta T = 09h28m03s
Ecliptic obliquity = 23°51'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'05, Lahiri = -23°50'04 Julian Calendar 1 July 1441 BCE == Greg. Calendar 18 June 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

AUGUST 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 47 55	25♋ 1'07	13♈47	18♋27	10♍59	4♋17	19♈ 9	9♋13	20°R50	1°R21	6°R37	20°R45	19♉43	12♓54	n.a.	S 1
S 2	19 51 51	25°59'36	25°49	20°22	12° 3	4°55	19°13	9°20	20♏48	1♒19	6♐36	20°D44	19°39	13° 1	n.a.	S 2
M 3	19 55 48	26°58'07	8♉ 4	22°17	13° 6	5°33	19°17	9°28	20°45	1°17	6°35	20♉45	19°36	13° 8	n.a.	M 3
T 4	19 59 44	27°56'41	20°37	24°12	14°10	6°11	19°20	9°35	20°43	1°16	6°35	20°R45	19°33	13°14	n.a.	T 4
W 5	20 3 41	28°55'17	3♊34	26° 5	15°12	6°49	19°23	9°42	20°41	1°14	6°34	20°44	19°30	13°21	n.a.	W 5
T 6	20 7 37	29°53'55	16°58	27°58	16°15	7°27	19°26	9°50	20°38	1°12	6°33	20°42	19°27	13°28	n.a.	T 6
F 7	20 11 34	0♌52'36	0♋49	29°51	17°18	8° 5	19°29	9°57	20°36	1°11	6°32	20°36	19°24	13°35	n.a.	F 7
S 8	20 15 30	1°51'19	15° 8	1♌42	18°20	8°43	19°32	10° 4	20°34	1° 9	6°32	20°29	19°20	13°41	n.a.	S 8
S 9	20 19 27	2°50'04	29°49	3°33	19°22	9°21	19°35	10°11	20°31	1° 7	6°31	20°19	19°17	13°48	n.a.	S 9
M10	20 23 24	3°48'51	14♌46	5°23	20°23	9°59	19°37	10°18	20°29	1° 6	6°30	20° 8	19°14	13°55	n.a.	M10
T 11	20 27 20	4°47'40	29°49	7°11	21°24	10°37	19°39	10°26	20°27	1° 4	6°30	19°58	19°11	14° 1	n.a.	T 11
W12	20 31 17	5°46'32	14♍47	8°59	22°25	11°15	19°41	10°33	20°24	1° 2	6°29	19°49	19° 8	14° 8	n.a.	W12
T 13	20 35 13	6°45'25	29°34	10°46	23°26	11°53	19°43	10°40	20°22	1° 1	6°29	19°42	19° 5	14°15	n.a.	T 13
F 14	20 39 10	7°44'20	14♎ 2	12°32	24°26	12°31	19°44	10°47	20°20	0°59	6°28	19°38	19° 1	14°21	n.a.	F 14
S 15	20 43 6	8°43'17	28° 8	14°17	25°26	13° 9	19°46	10°54	20°18	0°57	6°28	19°36	18°58	14°28	n.a.	S 15
S 16	20 47 3	9°42'16	11♏53	16° 0	26°26	13°47	19°47	11° 1	20°15	0°56	6°27	19°36	18°55	14°35	n.a.	S 16
M17	20 50 59	10°41'16	25°17	17°43	27°25	14°25	19°48	11° 8	20°13	0°54	6°27	19°36	18°52	14°42	n.a.	M17
T 18	20 54 56	11°40'19	8♐23	19°26	28°24	15° 3	19°49	11°15	20°11	0°52	6°26	19°35	18°49	14°48	n.a.	T 18
W19	20 58 52	12°39'24	21°14	21° 7	29°22	15°40	19°49	11°22	20° 9	0°51	6°26	19°32	18°45	14°55	n.a.	W19
T 20	21 2 49	13°38'30	3♑52	22°47	0♎20	16°18	19°50	11°28	20° 7	0°49	6°26	19°26	18°42	15° 2	n.a.	T 20
F 21	21 6 46	14°37'39	16°19	24°26	1°18	16°56	19°R50	11°35	20° 4	0°48	6°25	19°17	18°39	15° 8	n.a.	F 21
S 22	21 10 42	15°36'50	28°38	26° 5	2°15	17°34	19°50	11°42	20° 2	0°46	6°25	19° 5	18°36	15°15	n.a.	S 22
S 23	21 14 39	16°36'03	10♒48	27°42	3°11	18°12	19°49	11°49	20° 0	0°44	6°25	18°52	18°33	15°22	n.a.	S 23
M24	21 18 35	17°35'17	22°52	29°19	4° 8	18°50	19°49	11°55	19°58	0°43	6°24	18°37	18°30	15°29	n.a.	M24
T 25	21 22 32	18°34'35	4♓49	0♍55	5° 3	19°28	19°48	12° 2	19°56	0°41	6°24	18°23	18°26	15°35	n.a.	T 25
W26	21 26 28	19°33'54	16°42	2°30	5°58	20° 5	19°48	12° 8	19°54	0°40	6°24	18°10	18°23	15°42	n.a.	W26
T 27	21 30 25	20°33'16	28°32	4° 4	6°53	20°43	19°47	12°15	19°52	0°38	6°24	18° 0	18°20	15°49	n.a.	T 27
F 28	21 34 21	21°32'40	10♈21	5°38	7°47	21°21	19°45	12°21	19°50	0°37	6°24	17°53	18°17	15°55	n.a.	F 28
S 29	21 38 18	22°32'06	22°14	7°11	8°40	21°59	19°44	12°28	19°48	0°35	6°24	17°48	18°14	16° 2	n.a.	S 29
S 30	21 42 14	23°31'35	4♉14	8°43	9°33	22°37	19°42	12°34	19°47	0°34	6°23	17°46	18°11	16° 9	n.a.	S 30
M31	21 46 11	24♌31'06	16♉27	10♍14	10♎25	23♋14	19♈40	12♋40	19♏45	0♒32	6♐23	17°D46	18♉ 7	16♓16	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n30	2n43	3s 3	24n19	1n46	6n43	0s56	24n50	1n 3	6n24	1s20	24n 7	0n34	22s53	0s41	21s10	0s58	22s55	1s 8	18n16	17n59	11s11		n.a.
S 2	21 20	8 9	2 9	24 4	1 47	6 13	1 1	24 49	1 3	6 26	1 20	24 6	0 34	22 54	0 41	21 10	0 58	22 55	1 8	18 15	17 58	11 8		n.a.
M 3	21 8	13 23	1 7	23 46	1 48	5 44	1 7	24 48	1 4	6 27	1 20	24 6	0 35	22 54	0 41	21 11	0 58	22 55	1 8	18 15	17 57	11 5		n.a.
T 4	20 56	18 13	0 1	23 27	1 49	5 14	1 12	24 47	1 4	6 28	1 20	24 5	0 35	22 54	0 41	21 11	0 59	22 55	1 8	18 16	17 56	11 2		n.a.
W 5	20 44	22 21	1n 8	23 5	1 49	4 44	1 18	24 45	1 4	6 29	1 20	24 5	0 35	22 55	0 41	21 11	0 59	22 55	1 8	18 15	17 55	10 59		n.a.
T 6	20 32	25 27	2 14	22 42	1 48	4 14	1 23	24 44	1 5	6 30	1 20	24 4	0 35	22 55	0 41	21 12	0 59	22 55	1 9	18 15	17 54	10 56		n.a.
F 7	20 19	27 7	3 16	22 17	1 46	3 44	1 29	24 42	1 5	6 31	1 21	24 4	0 35	22 55	0 41	21 12	0 59	22 55	1 9	18 13	17 53	10 53		n.a.
S 8	20 6	27 4	4 6	21 50	1 45	3 15	1 35	24 40	1 5	6 32	1 21	24 4	0 35	22 56	0 41	21 13	0 59	22 55	1 9	18 11	17 52	10 50		n.a.
S 9	19 52	25 8	4 42	21 22	1 42	2 45	1 41	24 37	1 6	6 33	1 21	24 3	0 35	22 56	0 41	21 13	0 59	22 55	1 9	18 8	17 52	10 47		n.a.
M10	19 39	21 27	5 0	20 52	1 39	2 15	1 47	24 35	1 6	6 34	1 21	24 3	0 35	22 57	0 41	21 13	0 59	22 55	1 9	18 6	17 51	10 44		n.a.
T 11	19 24	16 21	4 57	20 21	1 36	1 45	1 53	24 32	1 7	6 34	1 21	24 2	0 35	22 57	0 41	21 14	0 59	22 55	1 9	18 3	17 50	10 41		n.a.
W12	19 10	10 17	4 33	19 49	1 33	1 15	1 59	24 29	1 7	6 35	1 21	24 2	0 36	22 57	0 41	21 14	0 59	22 55	1 9	18 0	17 49	10 38		n.a.
T 13	18 55	3 43	3 52	19 16	1 29	0 45	2 5	24 26	1 7	6 35	1 22	24 1	0 36	22 58	0 41	21 15	0 59	22 54	1 9	17 58	17 48	10 35		n.a.
F 14	18 40	2s56	2 56	18 42	1 24	0 15	2 11	24 23	1 8	6 36	1 22	24 1	0 36	22 58	0 41	21 15	0 59	22 54	1 9	17 57	17 47	10 32		n.a.
S 15	18 24	9 17	1 51	18 6	1 20	0s14	2 17	24 20	1 8	6 36	1 22	24 0	0 36	22 58	0 41	21 15	0 59	22 54	1 9	17 57	17 46	10 29		n.a.
S 16	18 8	15 1	0 41	17 30	1 15	0 44	2 23	24 16	1 8	6 36	1 22	24 0	0 36	22 59	0 41	21 16	0 59	22 54	1 9	17 57	17 45	10 26		n.a.
M17	17 52	19 55	0s30	16 54	1 10	1 14	2 29	24 13	1 9	6 37	1 22	23 59	0 36	22 59	0 41	21 16	0 59	22 54	1 9	17 57	17 44	10 23		n.a.
T 18	17 35	23 42	1 38	16 16	1 4	1 43	2 35	24 9	1 9	6 37	1 23	23 59	0 36	22 59	0 41	21 16	0 59	22 54	1 9	17 56	17 44	10 20		n.a.
W19	17 19	26 12	2 39	15 38	0 59	2 12	2 41	24 4	1 9	6 37	1 23	23 58	0 36	23 0	0 41	21 17	0 59	22 54	1 9	17 56	17 43	10 17		n.a.
T 20	17 1	27 19	3 31	15 0	0 53	2 41	2 48	24 0	1 10	6 37	1 23	23 58	0 36	23 0	0 41	21 17	0 59	22 54	1 9	17 54	17 42	10 14		n.a.
F 21	16 44	27 1	4 12	14 21	0 47	3 10	2 54	23 56	1 10	6 37	1 23	23 57	0 37	23 0	0 41	21 17	0 59	22 54	1 9	17 51	17 41	10 11		n.a.
S 22	16 26	25 23	4 41	13 41	0 41	3 39	3 0	23 51	1 10	6 36	1 23	23 57	0 37	23 0	0 41	21 18	0 59	22 54	1 10	17 48	17 40	10 8		n.a.
S 23	16 8	22 34	4 56	13 1	0 34	4 8	3 6	23 46	1 11	6 36	1 23	23 56	0 37	23 1	0 41	21 18	0 59	22 54	1 10	17 44	17 39	10 5		n.a.
M24	15 50	18 49	4 58	12 21	0 28	4 36	3 12	23 41	1 11	6 36	1 24	23 56	0 37	23 1	0 40	21 19	0 59	22 54	1 10	17 40	17 38	10 2		n.a.
T 25	15 32	14 21	4 47	11 40	0 21	5 4	3 19	23 36	1 12	6 35	1 24	23 56	0 37	23 1	0 40	21 19	0 59	22 54	1 10	17 36	17 37	9 59		n.a.
W26	15 13	9 22	4 24	10 59	0 14	5 32	3 25	23 31	1 12	6 35	1 24	23 55	0 37	23 2	0 40	21 19	0 59	22 54	1 10	17 33	17 36	9 56		n.a.
T 27	14 54	4 5	3 49	10 18	0 8	6 0	3 31	23 26	1 12	6 34	1 24	23 55	0 37	23 2	0 40	21 20	0 59	22 54	1 10	17 30	17 36	9 53		n.a.
F 28	14 34	1n22	3 4	9 37	0 1	6 28	3 38	23 20	1 13	6 34	1 24	23 54	0 37	23 2	0 40	21 20	0 59	22 54	1 10	17 28	17 35	9 50		n.a.
S 29	14 15	6 48	2 11	8 56	0s 6	6 55	3 44	23 14	1 13	6 33	1 24	23 54	0 38	23 2	0 40	21 20	0 59	22 55	1 10	17 27	17 34	9 47		n.a.
S 30	13 55	12 3	1 11	8 15	0 13	7 22	3 50	23 8	1 13	6 32	1 25	23 53	0 38	23 3	0 40	21 21	0 59	22 55	1 10	17 26	17 33	9 44		n.a.
M31	13n35	16n56	0s 7	7n33	0s20	7s48	3s56	23n 2	1n14	6n32	1s25	23n53	0n38	23s 3	0s40	21s21	0s59	22s55	1s10	17n26	17n32	9s41		n.a.

Julian Day Number = 1195310.5, Delta T = 09h28m01s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°57'01, Lahiri = -23°50'00 Julian Calendar 1 Aug. 1441 BCE == Greg. Calendar 19 July 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

SEPTEMBER 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 50 8	25♌30'40	28♉56	11♍45	11♎17	23♋52	19°R38	12♋47	19°R43	0°R31	6°D23	17°R46	18♉ 4	16♓22	n.a.	T 1
W 2	21 54 4	26°30'16	11♊48	13°14	12° 8	24°30	19♈36	12°53	19♑41	0♒29	6♐23	17♉45	18° 1	16°29	n.a.	W 2
T 3	21 58 1	27°29'55	25° 6	14°43	12°58	25° 8	19°34	12°59	19°39	0°28	6°23	17°43	17°58	16°36	n.a.	T 3
F 4	22 1 57	28°29'36	8♋54	16°12	13°48	25°46	19°31	13° 5	19°38	0°26	6°23	17°38	17°55	16°42	n.a.	F 4
S 5	22 5 54	29°29'20	23°13	17°39	14°36	26°23	19°28	13°11	19°36	0°25	6°24	17°30	17°51	16°49	n.a.	S 5
S 6	22 9 50	0♍29'06	7♌59	19° 6	15°24	27° 1	19°25	13°17	19°34	0°24	6°24	17°20	17°48	16°56	n.a.	S 6
M 7	22 13 47	1°28'54	23° 5	20°32	16°11	27°39	19°22	13°23	19°33	0°22	6°24	17° 9	17°45	17° 3	n.a.	M 7
T 8	22 17 43	2°28'45	8♍22	21°57	16°58	28°17	19°19	13°29	19°31	0°21	6°24	16°58	17°42	17° 9	n.a.	T 8
W 9	22 21 40	3°28'37	23°38	23°21	17°43	28°54	19°15	13°35	19°30	0°20	6°24	16°49	17°39	17°16	n.a.	W 9
T 10	22 25 37	4°28'31	8♎43	24°44	18°28	29°32	19°11	13°40	19°28	0°18	6°25	16°42	17°36	17°23	n.a.	T 10
F 11	22 29 33	5°28'28	23°28	26° 7	19°11	0♌10	19° 7	13°46	19°27	0°17	6°25	16°37	17°32	17°29	n.a.	F 11
S 12	22 33 30	6°28'26	7♏47	27°28	19°54	0°48	19° 3	13°52	19°25	0°16	6°25	16°35	17°29	17°36	n.a.	S 12
S 13	22 37 26	7°28'26	21°40	28°49	20°35	1°25	18°59	13°57	19°24	0°14	6°25	16°D35	17°26	17°43	n.a.	S 13
M14	22 41 23	8°28'28	5♐ 7	0♎ 8	21°16	2° 3	18°54	14° 3	19°23	0°13	6°26	16°R35	17°23	17°49	n.a.	M14
T 15	22 45 19	9°28'31	18°11	1°26	21°55	2°41	18°49	14° 8	19°21	0°12	6°26	16°35	17°20	17°56	n.a.	T 15
W16	22 49 16	10°28'37	0♑55	2°43	22°33	3°18	18°45	14°13	19°20	0°11	6°27	16°33	17°17	18° 3	n.a.	W16
T 17	22 53 12	11°28'44	13°24	3°58	23°10	3°56	18°40	14°18	19°19	0°10	6°27	16°29	17°13	18°10	n.a.	T 17
F 18	22 57 9	12°28'53	25°41	5°12	23°46	4°34	18°34	14°24	19°18	0° 8	6°28	16°22	17°10	18°16	n.a.	F 18
S 19	23 1 5	13°29'03	7♒48	6°24	24°20	5°11	18°29	14°29	19°17	0° 7	6°28	16°12	17° 7	18°23	n.a.	S 19
S 20	23 5 2	14°29'16	19°49	7°35	24°53	5°49	18°23	14°34	19°15	0° 6	6°29	16° 1	17° 4	18°30	n.a.	S 20
M21	23 8 59	15°29'30	1♓45	8°43	25°24	6°27	18°18	14°39	19°14	0° 5	6°29	15°48	17° 1	18°36	n.a.	M21
T 22	23 12 55	16°29'46	13°38	9°49	25°54	7° 4	18°12	14°43	19°13	0° 4	6°30	15°37	16°57	18°43	n.a.	T 22
W23	23 16 52	17°30'04	25°29	10°53	26°23	7°42	18° 6	14°48	19°13	0° 3	6°30	15°26	16°54	18°50	n.a.	W23
T 24	23 20 48	18°30'24	7♈20	11°54	26°49	8°20	18° 0	14°53	19°12	0° 2	6°31	15°17	16°51	18°56	n.a.	T 24
F 25	23 24 45	19°30'46	19°13	12°51	27°14	8°57	17°53	14°57	19°11	0° 1	6°32	15°11	16°48	19° 3	n.a.	F 25
S 26	23 28 41	20°31'10	1♉ 9	13°45	27°38	9°35	17°47	15° 2	19°10	0° 0	6°32	15° 8	16°45	19°10	n.a.	S 26
S 27	23 32 38	21°31'35	13°13	14°36	27°59	10°12	17°40	15° 6	19° 9	29♑59	6°33	15°D 7	16°42	19°17	n.a.	S 27
M28	23 36 34	22°32'03	25°27	15°22	28°19	10°50	17°34	15°11	19° 9	29°59	6°34	15° 7	16°38	19°23	n.a.	M28
T 29	23 40 31	23°32'33	7♊56	16° 3	28°36	11°28	17°27	15°15	19° 8	29°58	6°35	15° 8	16°35	19°30	n.a.	T 29
W30	23 44 28	24♍33'05	20♊44	16♎38	28♎52	12♌ 5	17♈20	15♋19	19♑ 7	29♑57	6♐36	15°R 9	16♉32	19♓37	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n15	21n14	0n59	6n52	0s27	8s15	4s 2	22n56	1n14	6n31	1s25	23n52	0n38	23s 3	0s40	21s21	0s59	22s55	1s10	17n26	17n31	9s38		n.a.
W 2	12 54	24 39	2 4	6 10	0 34	8 41	4 8	22 49	1 14	6 30	1 25	23 52	0 38	23 3	0 40	21 22	0 59	22 55	1 10	17 26	17 30	9 35		n.a.
T 3	12 33	26 50	3 4	5 29	0 41	9 6	4 15	22 43	1 15	6 29	1 25	23 51	0 38	23 4	0 40	21 22	0 59	22 55	1 10	17 25	17 29	9 32		n.a.
F 4	12 12	27 29	3 56	4 48	0 49	9 31	4 21	22 36	1 15	6 27	1 25	23 51	0 38	23 4	0 40	21 22	0 59	22 55	1 10	17 24	17 28	9 29		n.a.
S 5	11 51	26 20	4 35	4 7	0 56	9 56	4 27	22 29	1 15	6 26	1 25	23 50	0 38	23 4	0 40	21 22	0 59	22 55	1 10	17 21	17 27	9 26		n.a.
S 6	11 30	23 22	4 57	3 26	1 3	10 21	4 33	22 22	1 16	6 25	1 26	23 50	0 39	23 4	0 40	21 23	0 59	22 55	1 10	17 19	17 27	9 23		n.a.
M 7	11 8	18 46	4 59	2 45	1 10	10 45	4 39	22 14	1 16	6 24	1 26	23 49	0 39	23 5	0 40	21 23	0 59	22 55	1 10	17 15	17 26	9 20		n.a.
T 8	10 47	12 54	4 41	2 5	1 17	11 8	4 44	22 7	1 16	6 22	1 26	23 49	0 39	23 5	0 40	21 23	0 59	22 55	1 11	17 12	17 25	9 16		n.a.
W 9	10 25	6 15	4 2	1 25	1 23	11 32	4 50	22 0	1 17	6 21	1 26	23 48	0 39	23 5	0 40	21 24	0 59	22 55	1 11	17 9	17 24	9 13		n.a.
T 10	10 2	0s40	3 6	0 45	1 30	11 54	4 56	21 52	1 17	6 19	1 26	23 48	0 39	23 5	0 40	21 24	0 59	22 55	1 11	17 7	17 23	9 10		n.a.
F 11	9 40	7 26	1 59	0 6	1 37	12 16	5 2	21 44	1 17	6 17	1 26	23 47	0 39	23 5	0 40	21 24	0 59	22 55	1 11	17 6	17 22	9 7		n.a.
S 12	9 18	13 37	0 47	0s33	1 43	12 38	5 7	21 36	1 18	6 16	1 26	23 47	0 39	23 6	0 40	21 24	0 59	22 56	1 11	17 6	17 21	9 4		n.a.
S 13	8 55	18 56	0s27	1 12	1 50	12 59	5 13	21 28	1 18	6 14	1 26	23 47	0 40	23 6	0 40	21 25	0 59	22 56	1 11	17 5	17 20	9 1		n.a.
M14	8 32	23 7	1 37	1 50	1 56	13 20	5 18	21 19	1 18	6 12	1 27	23 46	0 40	23 6	0 40	21 25	0 59	22 56	1 11	17 6	17 19	8 58		n.a.
T 15	8 9	25 59	2 40	2 27	2 2	13 40	5 23	21 11	1 19	6 10	1 27	23 46	0 40	23 6	0 40	21 25	0 59	22 56	1 11	17 6	17 18	8 55		n.a.
W16	7 46	27 25	3 33	3 3	2 8	13 59	5 28	21 2	1 19	6 8	1 27	23 45	0 40	23 6	0 40	21 25	0 59	22 56	1 11	17 5	17 17	8 52		n.a.
T 17	7 23	27 24	4 15	3 39	2 14	14 18	5 33	20 54	1 19	6 6	1 27	23 45	0 40	23 6	0 40	21 26	0 59	22 56	1 11	17 4	17 17	8 49		n.a.
F 18	7 0	26 2	4 44	4 14	2 19	14 36	5 38	20 45	1 19	6 4	1 27	23 44	0 40	23 7	0 40	21 26	0 59	22 56	1 11	17 2	17 16	8 46		n.a.
S 19	6 36	23 28	5 0	4 48	2 24	14 53	5 43	20 36	1 20	6 2	1 27	23 44	0 40	23 7	0 40	21 26	0 59	22 56	1 11	16 59	17 15	8 43		n.a.
S 20	6 13	19 54	5 2	5 20	2 29	15 10	5 47	20 27	1 20	6 0	1 27	23 44	0 41	23 7	0 40	21 26	0 59	22 57	1 11	16 55	17 14	8 39		n.a.
M21	5 49	15 34	4 52	5 52	2 34	15 26	5 52	20 17	1 20	5 57	1 27	23 43	0 41	23 7	0 40	21 27	0 58	22 57	1 11	16 52	17 13	8 36		n.a.
T 22	5 25	10 39	4 28	6 22	2 38	15 41	5 56	20 8	1 21	5 55	1 27	23 43	0 41	23 7	0 40	21 27	0 58	22 57	1 11	16 48	17 12	8 33		n.a.
W23	5 1	5 23	3 53	6 51	2 42	15 55	6 0	19 58	1 21	5 53	1 27	23 42	0 41	23 7	0 40	21 27	0 58	22 57	1 11	16 45	17 11	8 30		n.a.
T 24	4 37	0n 6	3 8	7 18	2 45	16 8	6 3	19 49	1 21	5 50	1 27	23 42	0 41	23 7	0 40	21 27	0 58	22 57	1 11	16 43	17 10	8 27		n.a.
F 25	4 13	5 35	2 14	7 44	2 47	16 21	6 7	19 39	1 22	5 48	1 27	23 42	0 41	23 7	0 40	21 27	0 58	22 57	1 11	16 41	17 9	8 24		n.a.
S 26	3 49	10 56	1 14	8 7	2 50	16 33	6 10	19 29	1 22	5 45	1 27	23 41	0 41	23 8	0 40	21 28	0 58	22 58	1 12	16 40	17 8	8 21		n.a.
S 27	3 25	15 55	0 10	8 28	2 51	16 43	6 13	19 19	1 22	5 43	1 28	23 41	0 42	23 8	0 40	21 28	0 58	22 58	1 12	16 39	17 7	8 18		n.a.
M28	3 1	20 22	0n55	8 47	2 52	16 53	6 15	19 9	1 23	5 40	1 28	23 41	0 42	23 8	0 40	21 28	0 58	22 58	1 12	16 40	17 6	8 15		n.a.
T 29	2 36	23 59	2 0	9 3	2 51	17 2	6 18	18 59	1 23	5 37	1 28	23 40	0 42	23 8	0 40	21 28	0 58	22 58	1 12	16 40	17 6	8 11		n.a.
W30	2n12	26n32	3n 0	9s16	2s50	17s 9	6s20	18n48	1n23	5n35	1s28	23n40	0n42	23s 8	0s40	21s28	0s58	22s58	1s12	16n40	17n 5	8s 8		n.a.

Julian Day Number = 1195341.5, Delta T = 09h28m00s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'56, Lahiri = -23°49'56 Julian Calendar 1 Sept. 1441 BCE == Greg. Calendar 19 Aug. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

OCTOBER 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 48 24	25♍33'39	3♋56	17♎ 8	29♎ 6	12♌43	17°R13	15♋23	19°R 7	29°R56	6♐36	15°R 9	16♉29	19♓43	n.a.	T 1
F 2	23 52 21	26°34'16	17°34	17°30	29°17	13°20	17♈ 6	15°27	19♉ 6	29♉55	6°37	15♉ 7	16°26	19°50	n.a.	F 2
S 3	23 56 17	27°34'54	1♌41	17°46	29°27	13°58	16°59	15°31	19° 6	29°55	6°38	15° 3	16°22	19°57	n.a.	S 3
S 4	0 0 14	28°35'34	16°15	17°R53	29°34	14°35	16°51	15°35	19° 5	29°54	6°39	14°57	16°19	20° 3	n.a.	S 4
M 5	0 4 10	29°36'16	1♍13	17°51	29°39	15°13	16°44	15°39	19° 5	29°53	6°40	14°50	16°16	20°10	n.a.	M 5
T 6	0 8 7	0♎36'59	16°25	17°40	29°41	15°50	16°36	15°42	19° 5	29°53	6°41	14°42	16°13	20°17	n.a.	T 6
W 7	0 12 3	1°37'44	1♎42	17°18	29°R41	16°28	16°28	15°46	19° 5	29°52	6°42	14°36	16°10	20°24	n.a.	W 7
T 8	0 16 0	2°38'31	16°54	16°47	29°39	17° 5	16°21	15°49	19° 4	29°52	6°43	14°32	16° 7	20°30	n.a.	T 8
F 9	0 19 56	3°39'19	1♏49	16° 5	29°35	17°43	16°13	15°53	19° 4	29°51	6°44	14°29	16° 3	20°37	n.a.	F 9
S 10	0 23 53	4°40'08	16°22	15°13	29°27	18°20	16° 5	15°56	19° 4	29°51	6°45	14°D28	16° 0	20°44	n.a.	S 10
S 11	0 27 50	5°40'59	0♐27	14°11	29°18	18°58	15°57	15°59	19°D 4	29°50	6°47	14°29	15°57	20°50	n.a.	S 11
M12	0 31 46	6°41'51	14° 4	13° 1	29° 6	19°35	15°49	16° 2	19° 4	29°50	6°48	14°31	15°54	20°57	n.a.	M12
T 13	0 35 43	7°42'45	27°15	11°45	28°51	20°13	15°41	16° 5	19° 4	29°49	6°49	14°32	15°51	21° 4	n.a.	T 13
W14	0 39 39	8°43'39	10♑ 3	10°24	28°35	20°50	15°33	16° 8	19° 4	29°49	6°50	14°R33	15°48	21°10	n.a.	W14
T 15	0 43 36	9°44'34	22°31	9° 2	28°15	21°28	15°25	16°11	19° 4	29°49	6°51	14°32	15°44	21°17	n.a.	T 15
F 16	0 47 32	10°45'30	4♒44	7°42	27°54	22° 5	15°17	16°14	19° 5	29°48	6°53	14°29	15°41	21°24	n.a.	F 16
S 17	0 51 29	11°46'28	16°46	6°25	27°30	22°42	15° 9	16°16	19° 5	29°48	6°54	14°25	15°38	21°31	n.a.	S 17
S 18	0 55 26	12°47'26	28°42	5°14	27° 4	23°20	15° 0	16°19	19° 5	29°48	6°55	14°20	15°35	21°37	n.a.	S 18
M19	0 59 22	13°48'25	10♓34	4°12	26°36	23°57	14°52	16°21	19° 5	29°48	6°56	14°14	15°32	21°44	n.a.	M19
T 20	1 3 19	14°49'25	22°24	3°19	26° 7	24°34	14°44	16°23	19° 6	29°47	6°58	14° 8	15°28	21°51	n.a.	T 20
W21	1 7 15	15°50'27	4♈16	2°38	25°35	25°12	14°36	16°25	19° 6	29°47	6°59	14° 3	15°25	21°57	n.a.	W21
T 22	1 11 12	16°51'29	16°11	2° 8	25° 3	25°49	14°28	16°27	19° 7	29°47	7° 1	13°59	15°22	22° 4	n.a.	T 22
F 23	1 15 8	17°52'32	28°11	1°50	24°29	26°26	14°19	16°29	19° 7	29°47	7° 2	13°57	15°19	22°11	n.a.	F 23
S 24	1 19 5	18°53'37	10♉18	1°D43	23°54	27° 3	14°11	16°31	19° 8	29°D47	7° 3	13°D56	15°16	22°17	n.a.	S 24
S 25	1 23 1	19°54'43	22°32	1°46	23°18	27°41	14° 3	16°33	19° 9	29°47	7° 5	13°56	15°13	22°24	n.a.	S 25
M26	1 26 58	20°55'49	4♊57	2° 0	22°42	28°18	13°55	16°34	19° 9	29°47	7° 6	13°57	15° 9	22°31	n.a.	M26
T 27	1 30 55	21°56'57	17°35	2°22	22° 6	28°55	13°47	16°36	19°10	29°47	7° 8	13°59	15° 6	22°38	n.a.	T 27
W28	1 34 51	22°58'06	0♋29	2°53	21°29	29°32	13°39	16°37	19°11	29°47	7° 9	14° 0	15° 3	22°44	n.a.	W28
T 29	1 38 48	23°59'17	13°41	3°32	20°53	0♍10	13°31	16°39	19°12	29°48	7°11	14° 1	15° 0	22°51	n.a.	T 29
F 30	1 42 44	25° 0'28	27°13	4°16	20°17	0°47	13°23	16°40	19°13	29°48	7°12	14°R 2	14°57	22°58	n.a.	F 30
S 31	1 46 41	26♎ 1'40	11♌ 8	5♎ 7	19♎42	1♍24	13♈15	16♋41	19♉14	29♉48	7♐14	14♉ 1	14♉54	23♓ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	1n48	27n41	3n52	9s25	2s48	17s16	6s21	18n38	1n23	5n32	1s28	23n40	0n42	23s 8	0s40	21s28	0s58	22s59	1s12	16n40	17n 4	8s 5			n.a.
F 2	1 23	27 12	4 34	9 31	2 45	17 21	6 22	18 27	1 24	5 29	1 28	23 39	0 42	23 8	0 40	21 29	0 58	22 59	1 12	16 39	17 3	8 2			n.a.
S 3	0 59	25 0	5 0	9 33	2 41	17 25	6 23	18 16	1 24	5 26	1 28	23 39	0 43	23 8	0 40	21 29	0 58	22 59	1 12	16 38	17 2	7 59			n.a.
S 4	0 34	21 8	5 8	9 31	2 35	17 28	6 24	18 5	1 24	5 23	1 28	23 39	0 43	23 8	0 40	21 29	0 58	22 59	1 12	16 36	17 1	7 56			n.a.
M 5	0 10	15 50	4 56	9 23	2 27	17 30	6 24	17 54	1 25	5 21	1 28	23 38	0 43	23 8	0 40	21 29	0 58	22 59	1 12	16 34	17 0	7 53			n.a.
T 6	0s15	9 28	4 23	9 11	2 18	17 30	6 23	17 43	1 25	5 18	1 28	23 38	0 43	23 8	0 40	21 29	0 58	23 0	1 12	16 32	16 59	7 49			n.a.
W 7	0 40	2 31	3 31	8 53	2 8	17 30	6 22	17 32	1 25	5 15	1 28	23 38	0 43	23 8	0 40	21 29	0 58	23 0	1 12	16 30	16 58	7 46			n.a.
T 8	1 4	4s33	2 24	8 29	1 55	17 27	6 20	17 21	1 25	5 12	1 28	23 38	0 43	23 8	0 40	21 29	0 58	23 0	1 12	16 29	16 57	7 43			n.a.
F 9	1 29	11 15	1 8	7 59	1 41	17 24	6 18	17 9	1 26	5 9	1 28	23 37	0 44	23 8	0 40	21 29	0 58	23 0	1 12	16 28	16 56	7 40			n.a.
S 10	1 53	17 12	0s10	7 24	1 25	17 19	6 16	16 58	1 26	5 6	1 28	23 37	0 44	23 8	0 39	21 30	0 58	23 1	1 12	16 28	16 55	7 37			n.a.
S 11	2 18	22 0	1 26	6 44	1 8	17 12	6 12	16 46	1 26	5 3	1 27	23 37	0 44	23 8	0 39	21 30	0 58	23 1	1 12	16 28	16 54	7 34			n.a.
M12	2 42	25 27	2 34	5 59	0 49	17 4	6 8	16 34	1 27	4 59	1 27	23 37	0 44	23 8	0 39	21 30	0 58	23 1	1 12	16 29	16 53	7 31			n.a.
T 13	3 7	27 22	3 32	5 10	0 29	16 54	6 4	16 23	1 27	4 56	1 27	23 37	0 44	23 8	0 39	21 30	0 58	23 1	1 12	16 29	16 52	7 27			n.a.
W14	3 31	27 45	4 17	4 20	0 9	16 43	5 58	16 11	1 27	4 53	1 27	23 36	0 44	23 8	0 39	21 30	0 58	23 2	1 13	16 29	16 52	7 24			n.a.
T 15	3 56	26 42	4 49	3 28	0n12	16 30	5 53	15 59	1 27	4 50	1 27	23 36	0 45	23 8	0 39	21 30	0 58	23 2	1 13	16 29	16 51	7 21			n.a.
F 16	4 20	24 23	5 7	2 37	0 32	16 16	5 46	15 47	1 28	4 47	1 27	23 36	0 45	23 8	0 39	21 30	0 58	23 2	1 13	16 28	16 50	7 18			n.a.
S 17	4 44	21 1	5 11	1 48	0 52	16 1	5 38	15 34	1 28	4 44	1 27	23 36	0 45	23 8	0 39	21 30	0 58	23 3	1 13	16 27	16 49	7 15			n.a.
S 18	5 8	16 50	5 2	1 3	1 10	15 43	5 30	15 22	1 28	4 41	1 27	23 36	0 45	23 8	0 39	21 30	0 58	23 3	1 13	16 25	16 48	7 12			n.a.
M19	5 32	12 2	4 40	0 22	1 27	15 25	5 21	15 10	1 29	4 38	1 27	23 36	0 45	23 8	0 39	21 30	0 58	23 3	1 13	16 24	16 47	7 8			n.a.
T 20	5 56	6 49	4 5	0n13	1 42	15 5	5 12	14 57	1 29	4 35	1 27	23 35	0 45	23 7	0 39	21 30	0 58	23 3	1 13	16 22	16 46	7 5			n.a.
W21	6 20	1 20	3 20	0 41	1 55	14 44	5 2	14 45	1 29	4 31	1 27	23 35	0 46	23 7	0 39	21 30	0 58	23 4	1 13	16 20	16 45	7 2			n.a.
T 22	6 44	4n14	2 26	1 4	2 6	14 21	4 51	14 32	1 29	4 28	1 27	23 35	0 46	23 7	0 39	21 30	0 58	23 4	1 13	16 19	16 44	6 59			n.a.
F 23	7 8	9 41	1 25	1 19	2 15	13 58	4 39	14 20	1 30	4 25	1 26	23 35	0 46	23 7	0 39	21 30	0 58	23 4	1 13	16 18	16 43	6 56			n.a.
S 24	7 32	14 51	0 20	1 29	2 22	13 33	4 27	14 7	1 30	4 22	1 26	23 35	0 46	23 7	0 39	21 30	0 58	23 5	1 13	16 18	16 42	6 53			n.a.
S 25	7 55	19 30	0n47	1 32	2 28	13 7	4 14	13 54	1 30	4 19	1 26	23 35	0 46	23 7	0 39	21 30	0 58	23 5	1 13	16 18	16 41	6 49			n.a.
M26	8 19	23 22	1 53	1 30	2 32	12 41	4 0	13 41	1 30	4 16	1 26	23 35	0 46	23 7	0 39	21 30	0 58	23 5	1 13	16 19	16 40	6 46			n.a.
T 27	8 42	26 11	2 55	1 23	2 34	12 14	3 46	13 28	1 31	4 13	1 26	23 35	0 47	23 7	0 39	21 30	0 58	23 6	1 13	16 19	16 39	6 43			n.a.
W28	9 5	27 41	3 49	1 12	2 35	11 47	3 32	13 15	1 31	4 10	1 26	23 35	0 47	23 6	0 39	21 30	0 58	23 6	1 13	16 20	16 38	6 40			n.a.
T 29	9 28	27 40	4 33	0 56	2 35	11 20	3 17	13 2	1 31	4 7	1 25	23 35	0 47	23 6	0 39	21 30	0 58	23 6	1 13	16 20	16 37	6 37			n.a.
F 30	9 51	26 1	5 2	0 37	2 34	10 52	3 2	12 49	1 31	4 4	1 25	23 35	0 47	23 6	0 39	21 30	0 58	23 7	1 14	16 20	16 36	6 33			n.a.
S 31	10s14	22n47	5n15	0n15	2n32	10s24	2s47	12n35	1n32	4n 1	1s25	23n35	0n47	23s 6	0s39	21s30	0s58	23s 7	1s14	16n20	16n36	6s30			n.a.

Julian Day Number = 1195371.5, Delta T = 09h27m58s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'52, Lahiri = -23°49'52 Julian Calendar 1 Oct. 1441 BCE == Greg. Calendar 18 Sept. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

NOVEMBER 1441 BCE (-1440) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 50 37	27♎ 2'53	25♌24	6♎ 3	19°R 8	2♍ 1	13°R 8	16♋42	19♑15	29♑48	7♐16	14°R 0	14♉50	23♓11	n.a.	S 1
M 2	1 54 34	28° 4'08	10♍ 0	7° 3	18♎36	2°38	13♈ 0	16°43	19°16	29°48	7°17	13♉58	14°47	23°18	n.a.	M 2
T 3	1 58 30	29° 5'23	24°51	8° 7	18° 4	3°15	12°52	16°43	19°17	29°49	7°19	13°56	14°44	23°24	n.a.	T 3
W 4	2 2 27	0♏ 6'39	9♎50	9°14	17°35	3°52	12°45	16°44	19°18	29°49	7°20	13°54	14°41	23°31	n.a.	W 4
T 5	2 6 24	1° 7'55	24°49	10°25	17° 7	4°29	12°38	16°45	19°19	29°50	7°22	13°53	14°38	23°38	n.a.	T 5
F 6	2 10 20	2° 9'12	9♏39	11°38	16°41	5° 7	12°30	16°45	19°21	29°50	7°24	13°D52	14°34	23°44	n.a.	F 6
S 7	2 14 17	3°10'30	24°12	12°53	16°17	5°44	12°23	16°45	19°22	29°50	7°25	13°52	14°31	23°51	n.a.	S 7
S 8	2 18 13	4°11'48	8♐23	14°11	15°55	6°21	12°16	16°45	19°23	29°51	7°27	13°53	14°28	23°58	n.a.	S 8
M 9	2 22 10	5°13'06	22° 9	15°29	15°36	6°57	12° 9	16°R46	19°25	29°51	7°29	13°54	14°25	24° 5	n.a.	M 9
T 10	2 26 6	6°14'25	5♑28	16°50	15°19	7°34	12° 2	16°46	19°26	29°52	7°31	13°55	14°22	24°11	n.a.	T 10
W11	2 30 3	7°15'43	18°23	18°12	15° 4	8°11	11°55	16°45	19°28	29°53	7°32	13°55	14°19	24°18	n.a.	W11
T 12	2 34 0	8°17'02	0♒57	19°35	14°52	8°48	11°49	16°45	19°29	29°53	7°34	13°56	14°15	24°25	n.a.	T 12
F 13	2 37 56	9°18'20	13°12	20°59	14°42	9°25	11°42	16°45	19°31	29°54	7°36	13°R56	14°12	24°31	n.a.	F 13
S 14	2 41 53	10°19'39	25°15	22°23	14°35	10° 2	11°36	16°44	19°33	29°55	7°38	13°55	14° 9	24°38	n.a.	S 14
S 15	2 45 49	11°20'57	7♓ 9	23°49	14°30	10°39	11°30	16°44	19°34	29°55	7°40	13°55	14° 6	24°45	n.a.	S 15
M16	2 49 46	12°22'15	19° 0	25°16	14°D27	11°15	11°24	16°43	19°36	29°56	7°41	13°55	14° 3	24°51	n.a.	M16
T 17	2 53 42	13°23'33	0♈50	26°43	14°28	11°52	11°18	16°42	19°38	29°57	7°43	13°55	13°59	24°58	n.a.	T 17
W18	2 57 39	14°24'51	12°44	28°10	14°30	12°29	11°12	16°41	19°40	29°58	7°45	13°D55	13°56	25° 5	n.a.	W18
T 19	3 1 35	15°26'08	24°45	29°38	14°35	13° 6	11° 7	16°40	19°42	29°59	7°47	13°55	13°53	25°11	n.a.	T 19
F 20	3 5 32	16°27'26	6♉54	1♏ 7	14°42	13°42	11° 1	16°39	19°43	29°59	7°49	13°55	13°50	25°18	n.a.	F 20
S 21	3 9 29	17°28'43	19°14	2°36	14°52	14°19	10°56	16°38	19°45	0♒ 1	7°51	13°R55	13°47	25°25	n.a.	S 21
S 22	3 13 25	18°30'01	1♊46	4° 6	15° 4	14°56	10°51	16°36	19°47	0° 2	7°53	13°55	13°44	25°32	n.a.	S 22
M23	3 17 22	19°31'18	14°31	5°36	15°18	15°32	10°46	16°35	19°50	0° 3	7°55	13°54	13°40	25°38	n.a.	M23
T 24	3 21 18	20°32'35	27°29	7° 7	15°34	16° 9	10°41	16°33	19°52	0° 4	7°56	13°53	13°37	25°45	n.a.	T 24
W25	3 25 15	21°33'52	10♋40	8°38	15°52	16°45	10°37	16°32	19°54	0° 5	7°58	13°53	13°34	25°52	n.a.	W25
T 26	3 29 11	22°35'10	24° 4	10° 9	16°13	17°22	10°32	16°30	19°56	0° 6	8° 0	13°52	13°31	25°58	n.a.	T 26
F 27	3 33 8	23°36'27	7♌43	11°41	16°35	17°58	10°28	16°28	19°58	0° 7	8° 2	13°51	13°28	26° 5	n.a.	F 27
S 28	3 37 5	24°37'44	21°35	13°13	16°59	18°35	10°24	16°26	20° 0	0° 8	8° 4	13°D50	13°25	26°12	n.a.	S 28
S 29	3 41 1	25°39'00	5♍39	14°46	17°25	19°11	10°20	16°24	20° 3	0° 9	8° 6	13°50	13°21	26°18	n.a.	S 29
M30	3 44 58	26♏40'17	19♍55	16♏19	17♎52	19♍47	10♈17	16♋22	20♑ 5	0♒10	8♐ 8	13♉51	13♉18	26♓25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s36	18n 7	5n10	0s11	2n29	9s57	2s31	12n22	1n32	3n58	1s25	23n35	0n48	23s 6	0s39	21s30	0s58	23s 7	1s14	16n19	16n35	6s27		n.a.
M 2	10 58	12 19	4 44	0 38	2 25	9 30	2 16	12 9	1 32	3 55	1 25	23 35	0 48	23 6	0 39	21 30	0 58	23 8	1 14	16 19	16 34	6 24		n.a.
T 3	11 21	5 44	3 59	1 8	2 21	9 3	2 0	11 55	1 32	3 53	1 25	23 35	0 48	23 5	0 39	21 29	0 58	23 8	1 14	16 18	16 33	6 21		n.a.
W 4	11 43	1s15	2 57	1 39	2 16	8 37	1 45	11 42	1 33	3 50	1 24	23 35	0 48	23 5	0 39	21 29	0 58	23 8	1 14	16 18	16 32	6 17		n.a.
T 5	12 4	8 10	1 44	2 12	2 11	8 12	1 29	11 28	1 33	3 47	1 24	23 36	0 48	23 5	0 39	21 29	0 58	23 9	1 14	16 17	16 31	6 14		n.a.
F 6	12 26	14 36	0 23	2 46	2 5	7 48	1 14	11 15	1 33	3 44	1 24	23 36	0 48	23 5	0 39	21 29	0 58	23 9	1 14	16 17	16 30	6 11		n.a.
S 7	12 47	20 5	0s57	3 21	1 59	7 24	0 58	11 1	1 33	3 42	1 24	23 36	0 49	23 5	0 39	21 29	0 58	23 9	1 14	16 17	16 29	6 8		n.a.
S 8	13 9	24 16	2 12	3 57	1 53	7 2	0 43	10 47	1 33	3 39	1 23	23 36	0 49	23 4	0 39	21 29	0 58	23 10	1 14	16 17	16 28	6 5		n.a.
M 9	13 30	26 54	3 17	4 34	1 47	6 41	0 28	10 33	1 34	3 37	1 23	23 36	0 49	23 4	0 39	21 29	0 58	23 10	1 14	16 18	16 27	6 1		n.a.
T 10	13 50	27 54	4 9	5 12	1 40	6 21	0 14	10 20	1 34	3 34	1 23	23 36	0 49	23 4	0 39	21 29	0 58	23 10	1 14	16 18	16 26	5 58		n.a.
W11	14 11	27 18	4 46	5 49	1 33	6 2	0n 0	10 6	1 34	3 32	1 23	23 37	0 49	23 4	0 39	21 28	0 58	23 11	1 14	16 18	16 25	5 55		n.a.
T 12	14 31	25 20	5 9	6 28	1 26	5 45	0 14	9 52	1 34	3 29	1 22	23 37	0 50	23 3	0 39	21 28	0 57	23 11	1 14	16 18	16 24	5 52		n.a.
F 13	14 51	22 12	5 17	7 6	1 19	5 29	0 27	9 38	1 34	3 27	1 22	23 37	0 50	23 3	0 39	21 28	0 57	23 11	1 14	16 18	16 23	5 48		n.a.
S 14	15 11	18 12	5 11	7 45	1 12	5 14	0 40	9 24	1 35	3 25	1 22	23 37	0 50	23 3	0 38	21 28	0 57	23 12	1 15	16 18	16 22	5 45		n.a.
S 15	15 30	13 32	4 52	8 24	1 5	5 0	0 53	9 10	1 35	3 23	1 22	23 38	0 50	23 3	0 38	21 28	0 57	23 12	1 15	16 18	16 21	5 42		n.a.
M16	15 49	8 24	4 20	9 3	0 58	4 48	1 5	8 56	1 35	3 20	1 21	23 38	0 50	23 2	0 38	21 28	0 57	23 13	1 15	16 18	16 20	5 39		n.a.
T 17	16 8	2 58	3 37	9 42	0 51	4 38	1 16	8 42	1 35	3 18	1 21	23 38	0 50	23 2	0 38	21 27	0 57	23 13	1 15	16 18	16 19	5 35		n.a.
W18	16 27	2n36	2 45	10 20	0 43	4 28	1 27	8 28	1 35	3 16	1 21	23 38	0 51	23 2	0 38	21 27	0 57	23 13	1 15	16 18	16 18	5 32		n.a.
T 19	16 45	8 8	1 44	10 59	0 36	4 21	1 38	8 13	1 36	3 14	1 21	23 39	0 51	23 1	0 38	21 27	0 57	23 14	1 15	16 18	16 17	5 29		n.a.
F 20	17 3	13 27	0 39	11 37	0 29	4 14	1 48	7 59	1 36	3 12	1 20	23 39	0 51	23 1	0 38	21 27	0 57	23 14	1 15	16 18	16 16	5 26		n.a.
S 21	17 21	18 19	0n30	12 15	0 22	4 9	1 58	7 45	1 36	3 11	1 20	23 39	0 51	23 1	0 38	21 26	0 57	23 14	1 15	16 18	16 15	5 23		n.a.
S 22	17 38	22 28	1 38	12 53	0 15	4 5	2 7	7 31	1 36	3 9	1 20	23 40	0 51	23 0	0 38	21 26	0 57	23 15	1 15	16 18	16 14	5 19		n.a.
M23	17 55	25 38	2 42	13 30	0 8	4 2	2 16	7 17	1 36	3 7	1 19	23 40	0 52	23 0	0 38	21 26	0 57	23 15	1 15	16 18	16 13	5 16		n.a.
T 24	18 12	27 29	3 39	14 7	0 1	4 1	2 25	7 2	1 37	3 6	1 19	23 40	0 52	23 0	0 38	21 26	0 57	23 16	1 15	16 17	16 12	5 13		n.a.
W25	18 29	27 50	4 25	14 44	0s 6	4 1	2 33	6 48	1 37	3 4	1 19	23 41	0 52	22 59	0 38	21 26	0 57	23 16	1 15	16 17	16 12	5 10		n.a.
T 26	18 45	26 34	4 58	15 20	0 13	4 2	2 40	6 34	1 37	3 3	1 19	23 41	0 52	22 59	0 38	21 25	0 57	23 16	1 15	16 17	16 11	5 6		n.a.
F 27	19 0	23 44	5 15	15 55	0 20	4 4	2 47	6 19	1 37	3 1	1 18	23 42	0 52	22 59	0 38	21 25	0 57	23 17	1 15	16 17	16 10	5 3		n.a.
S 28	19 16	19 30	5 14	16 30	0 26	4 7	2 54	6 5	1 37	3 0	1 18	23 42	0 52	22 58	0 38	21 25	0 57	23 17	1 16	16 16	16 9	5 0		n.a.
S 29	19 31	14 9	4 54	17 4	0 33	4 11	3 0	5 51	1 37	2 59	1 18	23 42	0 53	22 58	0 38	21 24	0 57	23 18	1 16	16 17	16 8	4 57		n.a.
M30	19s45	7n58	4n16	17s38	0s39	4s16	3n 6	5n36	1n38	2n57	1s17	23n43	0n53	22s58	0s38	21s24	0s57	23s18	1s16	16n17	16n 7	4s53		n.a.

Julian Day Number = 1195402.5, Delta T = 09h27m56s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'48, Lahiri = -23°49'48 Julian Calendar 1 Nov. 1441 BCE == Greg. Calendar 19 Oct. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1441 BCE
geocentric

DECEMBER 1441 BCE (-1440) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 48 54	27♏41'33	4♎21	17♏52	18♎21	20♍24	10°R13	16°R20	20♑ 7	0♒12	8♐10	13♉52	13♉15	26♓32	n.a.	T 1
W 2	3 52 51	28°42'49	18°51	19°26	18°52	21° 0	10♈10	16♋17	20°10	0°13	8°12	13°53	13°12	26°38	n.a.	W 2
T 3	3 56 47	29°44'05	3♏23	21° 0	19°25	21°36	10° 7	16°15	20°12	0°14	8°14	13°54	13° 9	26°45	n.a.	T 3
F 4	4 0 44	0♐45'20	17°50	22°35	19°59	22°13	10° 4	16°12	20°15	0°16	8°16	13°R54	13° 5	26°52	n.a.	F 4
S 5	4 4 40	1°46'35	2♐ 8	24°10	20°34	22°49	10° 2	16°10	20°17	0°17	8°18	13°54	13° 2	26°58	n.a.	S 5
S 6	4 8 37	2°47'49	16° 9	25°46	21°10	23°25	9°59	16° 7	20°20	0°18	8°20	13°52	12°59	27° 5	n.a.	S 6
M 7	4 12 34	3°49'03	29°52	27°22	21°48	24° 1	9°57	16° 4	20°22	0°20	8°22	13°49	12°56	27°12	n.a.	M 7
T 8	4 16 30	4°50'15	13♑13	28°59	22°28	24°37	9°55	16° 1	20°25	0°21	8°24	13°46	12°53	27°19	n.a.	T 8
W 9	4 20 27	5°51'27	26°12	0♐36	23° 8	25°13	9°53	15°58	20°28	0°23	8°26	13°43	12°50	27°25	n.a.	W 9
T 10	4 24 23	6°52'37	8♒50	2°14	23°50	25°49	9°52	15°55	20°30	0°24	8°28	13°40	12°46	27°32	n.a.	T 10
F 11	4 28 20	7°53'46	21° 9	3°53	24°32	26°25	9°50	15°52	20°33	0°26	8°30	13°37	12°43	27°39	n.a.	F 11
S 12	4 32 16	8°54'54	3♓14	5°32	25°16	27° 1	9°49	15°48	20°36	0°27	8°32	13°36	12°40	27°45	n.a.	S 12
S 13	4 36 13	9°56'01	15° 9	7°11	26° 1	27°36	9°48	15°45	20°38	0°29	8°34	13°D36	12°37	27°52	n.a.	S 13
M14	4 40 10	10°57'06	27° 0	8°51	26°46	28°12	9°47	15°42	20°41	0°30	8°36	13°37	12°34	27°59	n.a.	M14
T 15	4 44 6	11°58'10	8♈50	10°32	27°33	28°48	9°47	15°38	20°44	0°32	8°38	13°39	12°31	28° 5	n.a.	T 15
W16	4 48 3	12°59'13	20°45	12°14	28°21	29°24	9°46	15°34	20°47	0°34	8°40	13°41	12°27	28°12	n.a.	W16
T 17	4 51 59	14° 0'15	2♉50	13°56	29° 9	29°59	9°D46	15°31	20°50	0°35	8°42	13°42	12°24	28°19	n.a.	T 17
F 18	4 55 56	15° 1'15	15° 7	15°38	29°58	0♎35	9°46	15°27	20°53	0°37	8°44	13°R43	12°21	28°25	n.a.	F 18
S 19	4 59 52	16° 2'14	27°40	17°22	0♏49	1°10	9°46	15°23	20°56	0°39	8°46	13°42	12°18	28°32	n.a.	S 19
S 20	5 3 49	17° 3'11	10♊30	19° 6	1°39	1°46	9°47	15°19	20°59	0°41	8°48	13°39	12°15	28°39	n.a.	S 20
M21	5 7 45	18° 4'08	23°37	20°50	2°31	2°21	9°47	15°15	21° 2	0°42	8°50	13°35	12°11	28°45	n.a.	M21
T 22	5 11 42	19° 5'03	7♋ 1	22°35	3°23	2°56	9°48	15°11	21° 5	0°44	8°52	13°29	12° 8	28°52	n.a.	T 22
W23	5 15 39	20° 5'57	20°38	24°21	4°16	3°32	9°49	15° 7	21° 8	0°46	8°54	13°23	12° 5	28°59	n.a.	W23
T 24	5 19 35	21° 6'50	4♌28	26° 7	5°10	4° 7	9°51	15° 3	21°11	0°48	8°56	13°17	12° 2	29° 6	n.a.	T 24
F 25	5 23 32	22° 7'42	18°26	27°54	6° 4	4°42	9°52	14°59	21°14	0°50	8°57	13°12	11°59	29°12	n.a.	F 25
S 26	5 27 28	23° 8'32	2♍29	29°41	6°59	5°17	9°54	14°55	21°17	0°52	8°59	13° 8	11°56	29°19	n.a.	S 26
S 27	5 31 25	24° 9'21	16°36	1♑29	7°55	5°52	9°55	14°50	21°20	0°53	9° 1	13° 6	11°52	29°26	n.a.	S 27
M28	5 35 21	25°10'09	0♎44	3°17	8°51	6°27	9°58	14°46	21°23	0°55	9° 3	13°D 6	11°49	29°32	n.a.	M28
T 29	5 39 18	26°10'56	14°52	5° 5	9°48	7° 2	10° 0	14°42	21°26	0°57	9° 5	13° 7	11°46	29°39	n.a.	T 29
W30	5 43 15	27°11'42	28°59	6°53	10°45	7°37	10° 2	14°37	21°30	0°59	9° 7	13° 8	11°43	29°46	n.a.	W30
T 31	5 47 11	28♐12'26	13♏ 2	8♑41	11♏43	8♎12	10♈ 5	14♋33	21♑33	1♒ 1	9♐ 9	13°R 9	11♉40	29♓52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s 0	1n19	3n22	18s11	0s45	4s22	3n12	5n22	1n38	2n56	1s17	23n43	0n53	22s57	0s38	21s24	0s57	23s18	1s16	16n17	16n 6	4s50			n.a.
W 2	20 14	5s27	2 14	18 43	0 51	4 29	3 17	5 7	1 38	2 55	1 17	23 44	0 53	22 57	0 38	21 24	0 57	23 19	1 16	16 17	16 5	4 47			n.a.
T 3	20 27	11 57	0 58	19 15	0 57	4 37	3 22	4 53	1 38	2 55	1 16	23 44	0 53	22 57	0 38	21 23	0 57	23 19	1 16	16 18	16 4	4 44			n.a.
F 4	20 40	17 48	0s22	19 45	1 3	4 46	3 26	4 39	1 38	2 54	1 16	23 45	0 53	22 56	0 38	21 23	0 57	23 20	1 16	16 18	16 3	4 40			n.a.
S 5	20 53	22 34	1 39	20 15	1 8	4 56	3 30	4 24	1 38	2 53	1 16	23 45	0 54	22 56	0 38	21 23	0 57	23 20	1 16	16 17	16 2	4 37			n.a.
S 6	21 5	25 56	2 49	20 44	1 13	5 6	3 34	4 10	1 38	2 52	1 15	23 46	0 54	22 55	0 38	21 22	0 57	23 20	1 16	16 17	16 1	4 34			n.a.
M 7	21 17	27 39	3 47	21 12	1 19	5 17	3 38	3 55	1 39	2 52	1 15	23 46	0 54	22 55	0 38	21 22	0 57	23 21	1 16	16 16	16 0	4 30			n.a.
T 8	21 29	27 42	4 31	21 39	1 23	5 29	3 41	3 41	1 39	2 51	1 15	23 47	0 54	22 55	0 38	21 22	0 57	23 21	1 16	16 15	15 59	4 27			n.a.
W 9	21 40	26 12	5 0	22 4	1 28	5 41	3 44	3 26	1 39	2 51	1 14	23 47	0 54	22 54	0 38	21 21	0 57	23 22	1 16	16 14	15 58	4 24			n.a.
T 10	21 51	23 24	5 13	22 29	1 32	5 54	3 46	3 12	1 39	2 50	1 14	23 48	0 54	22 54	0 38	21 21	0 57	23 22	1 17	16 13	15 57	4 21			n.a.
F 11	22 1	19 37	5 12	22 53	1 36	6 8	3 49	2 58	1 39	2 50	1 14	23 48	0 55	22 53	0 38	21 21	0 57	23 22	1 17	16 12	15 56	4 17			n.a.
S 12	22 11	15 5	4 56	23 15	1 40	6 22	3 51	2 43	1 39	2 50	1 13	23 49	0 55	22 53	0 38	21 20	0 57	23 23	1 17	16 12	15 55	4 14			n.a.
S 13	22 20	10 3	4 28	23 36	1 44	6 37	3 53	2 29	1 39	2 50	1 13	23 50	0 55	22 52	0 38	21 20	0 57	23 23	1 17	16 12	15 54	4 11			n.a.
M14	22 29	4 42	3 49	23 56	1 47	6 52	3 54	2 14	1 39	2 50	1 13	23 50	0 55	22 52	0 38	21 20	0 57	23 24	1 17	16 12	15 53	4 8			n.a.
T 15	22 38	0n49	3 0	24 14	1 50	7 8	3 55	2 0	1 39	2 50	1 12	23 51	0 55	22 51	0 38	21 19	0 57	23 24	1 17	16 13	15 52	4 4			n.a.
W16	22 46	6 21	2 3	24 31	1 53	7 24	3 56	1 46	1 39	2 50	1 12	23 51	0 55	22 51	0 38	21 19	0 57	23 24	1 17	16 14	15 51	4 1			n.a.
T 17	22 53	11 45	0 59	24 47	1 55	7 40	3 57	1 31	1 39	2 50	1 12	23 52	0 56	22 51	0 38	21 18	0 57	23 25	1 17	16 14	15 50	3 58			n.a.
F 18	23 0	16 47	0n 8	25 1	1 57	7 57	3 58	1 17	1 40	2 51	1 11	23 53	0 56	22 50	0 38	21 18	0 57	23 25	1 17	16 14	15 49	3 54			n.a.
S 19	23 7	21 13	1 16	25 13	1 58	8 15	3 58	1 3	1 40	2 51	1 11	23 53	0 56	22 50	0 38	21 18	0 57	23 26	1 17	16 14	15 48	3 51			n.a.
S 20	23 13	24 45	2 21	25 23	1 59	8 32	3 58	0 48	1 40	2 51	1 11	23 54	0 56	22 49	0 38	21 17	0 57	23 26	1 17	16 13	15 47	3 48			n.a.
M21	23 19	27 3	3 20	25 32	2 0	8 50	3 58	0 34	1 40	2 52	1 11	23 54	0 56	22 49	0 38	21 17	0 57	23 27	1 18	16 12	15 46	3 45			n.a.
T 22	23 24	27 50	4 10	25 39	2 0	9 8	3 58	0 20	1 40	2 53	1 10	23 55	0 56	22 48	0 38	21 16	0 57	23 27	1 18	16 10	15 45	3 41			n.a.
W23	23 29	26 58	4 46	25 44	2 0	9 27	3 58	0 6	1 40	2 53	1 10	23 56	0 57	22 48	0 38	21 16	0 57	23 27	1 18	16 8	15 44	3 38			n.a.
T 24	23 34	24 26	5 7	25 48	1 59	9 45	3 57	0s 8	1 40	2 54	1 10	23 56	0 57	22 47	0 38	21 16	0 57	23 28	1 18	16 6	15 43	3 35			n.a.
F 25	23 38	20 27	5 9	25 49	1 58	10 4	3 56	0 23	1 40	2 55	1 9	23 57	0 57	22 47	0 38	21 15	0 57	23 28	1 18	16 5	15 42	3 31			n.a.
S 26	23 41	15 19	4 53	25 48	1 56	10 23	3 55	0 37	1 40	2 56	1 9	23 57	0 57	22 46	0 38	21 15	0 57	23 29	1 18	16 4	15 41	3 28			n.a.
S 27	23 44	9 20	4 19	25 45	1 54	10 42	3 54	0 51	1 40	2 57	1 9	23 58	0 57	22 46	0 38	21 14	0 57	23 29	1 18	16 3	15 40	3 25			n.a.
M28	23 47	2 54	3 29	25 40	1 51	11 2	3 53	1 5	1 40	2 58	1 8	23 59	0 57	22 45	0 38	21 14	0 57	23 29	1 18	16 3	15 39	3 21			n.a.
T 29	23 49	3s42	2 27	25 33	1 47	11 21	3 51	1 19	1 40	2 59	1 8	23 59	0 57	22 45	0 38	21 13	0 57	23 30	1 18	16 3	15 38	3 18			n.a.
W30	23 50	10 7	1 16	25 24	1 43	11 41	3 50	1 33	1 40	3 1	1 8	24 0	0 57	22 44	0 38	21 13	0 57	23 30	1 18	16 4	15 37	3 15			n.a.
T 31	23s51	16s 1	0n 1	25s12	1s38	12s 0	3n48	1s47	1n40	3n 2	1s 7	24n 1	0n58	22s44	0s38	21s13	0s57	23s31	1s19	16n 4	15n36	3s12			n.a.

Julian Day Number = 1195432.5, Delta T = 09h27m54s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'44, Lahiri = -23°49'44 Julian Calendar 1 Dec. 1441 BCE == Greg. Calendar 18 Nov. 1441 BCE

The year -1440 astronomical counting style corresponds to year 1441 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

JANUARY 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 51 8	29♐13'09	27♏ 1	10♑28	12♏41	8♎47	10♈ 8	14°R28	21♑36	1♒ 3	9♐11	13°R 8	11♉37	29♓59	n.a.	F 1
S 2	5 55 4	0♑13'51	10♐51	12°15	13°39	9°21	10°11	14♋24	21°39	1° 5	9°13	13♉ 5	11°33	0♈ 6	n.a.	S 2
S 3	5 59 1	1°14'31	24°31	14° 2	14°38	9°56	10°14	14°19	21°43	1° 7	9°15	13° 0	11°30	0°12	n.a.	S 3
M 4	6 2 57	2°15'10	7♑58	15°46	15°38	10°30	10°17	14°15	21°46	1° 9	9°17	12°52	11°27	0°19	n.a.	M 4
T 5	6 6 54	3°15'47	21° 8	17°30	16°38	11° 5	10°21	14°10	21°49	1°11	9°18	12°43	11°24	0°26	n.a.	T 5
W 6	6 10 50	4°16'22	4♒ 1	19°11	17°38	11°39	10°25	14° 5	21°52	1°13	9°20	12°33	11°21	0°32	n.a.	W 6
T 7	6 14 47	5°16'55	16°36	20°50	18°39	12°13	10°29	14° 0	21°56	1°15	9°22	12°24	11°17	0°39	n.a.	T 7
F 8	6 18 44	6°17'26	28°56	22°26	19°40	12°47	10°33	13°56	21°59	1°18	9°24	12°16	11°14	0°46	n.a.	F 8
S 9	6 22 40	7°17'55	11♓ 1	23°59	20°41	13°21	10°37	13°51	22° 2	1°20	9°26	12°10	11°11	0°52	n.a.	S 9
S 10	6 26 37	8°18'22	22°57	25°27	21°43	13°55	10°42	13°46	22° 6	1°22	9°28	12° 7	11° 8	0°59	n.a.	S 10
M11	6 30 33	9°18'47	4♈47	26°50	22°45	14°29	10°46	13°41	22° 9	1°24	9°29	12°D 5	11° 5	1° 6	n.a.	M11
T 12	6 34 30	10°19'09	16°36	28° 9	23°47	15° 3	10°51	13°37	22°12	1°26	9°31	12° 5	11° 2	1°12	n.a.	T 12
W13	6 38 26	11°19'30	28°31	29°21	24°50	15°37	10°56	13°32	22°16	1°28	9°33	12° 6	10°58	1°19	n.a.	W13
T 14	6 42 23	12°19'48	10♉36	0♒26	25°52	16°10	11° 1	13°27	22°19	1°30	9°35	12°R 7	10°55	1°26	n.a.	T 14
F 15	6 46 19	13°20'05	22°57	1°24	26°56	16°44	11° 7	13°22	22°23	1°33	9°36	12° 6	10°52	1°32	n.a.	F 15
S 16	6 50 16	14°20'19	5♊37	2°15	27°59	17°17	11°12	13°18	22°26	1°35	9°38	12° 3	10°49	1°39	n.a.	S 16
S 17	6 54 13	15°20'31	18°38	2°56	29° 3	17°51	11°18	13°13	22°29	1°37	9°40	11°58	10°46	1°46	n.a.	S 17
M18	6 58 9	16°20'41	2♋ 3	3°29	0♐ 7	18°24	11°24	13° 8	22°33	1°39	9°41	11°51	10°43	1°53	n.a.	M18
T 19	7 2 6	17°20'49	15°50	3°53	1°11	18°57	11°30	13° 3	22°36	1°41	9°43	11°41	10°39	1°59	n.a.	T 19
W20	7 6 2	18°20'55	29°55	4° 7	2°15	19°30	11°36	12°58	22°40	1°44	9°45	11°30	10°36	2° 6	n.a.	W20
T 21	7 9 59	19°20'59	14♌13	4°R12	3°20	20° 3	11°43	12°54	22°43	1°46	9°46	11°19	10°33	2°13	n.a.	T 21
F 22	7 13 55	20°21'01	28°39	4° 7	4°25	20°36	11°49	12°49	22°47	1°48	9°48	11° 9	10°30	2°19	n.a.	F 22
S 23	7 17 52	21°21'02	13♍ 6	3°53	5°30	21° 9	11°56	12°44	22°50	1°50	9°50	11° 2	10°27	2°26	n.a.	S 23
S 24	7 21 48	22°21'00	27°29	3°30	6°36	21°41	12° 3	12°39	22°53	1°52	9°51	10°57	10°23	2°33	n.a.	S 24
M25	7 25 45	23°20'56	11♎44	2°59	7°41	22°14	12°10	12°35	22°57	1°55	9°53	10°55	10°20	2°39	n.a.	M25
T 26	7 29 42	24°20'51	25°49	2°21	8°47	22°46	12°17	12°30	23° 0	1°57	9°54	10°D55	10°17	2°46	n.a.	T 26
W27	7 33 38	25°20'44	9♏45	1°36	9°53	23°18	12°24	12°25	23° 4	1°59	9°56	10°R55	10°14	2°53	n.a.	W27
T 28	7 37 35	26°20'35	23°30	0°46	10°59	23°50	12°31	12°21	23° 7	2° 2	9°57	10°54	10°11	2°59	n.a.	T 28
F 29	7 41 31	27°20'25	7♐ 5	29♑52	12° 5	24°22	12°39	12°16	23°11	2° 4	9°59	10°52	10° 8	3° 6	n.a.	F 29
S 30	7 45 28	28°20'12	20°30	28°55	13°12	24°54	12°47	12°12	23°14	2° 6	10° 0	10°47	10° 4	3°13	n.a.	S 30
S 31	7 49 24	29♑19'58	3♑45	27♑57	14♐18	25♎26	12♈55	12♋ 7	23♑17	2♒ 8	10♐ 2	10♉39	10♉ 1	3♈19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s52	21s 2	1s14	24s58	1s32	12s20	3n46	2s 1	1n40	3n 3	1s 7	24n 1	0n58	22s43	0s38	21s12	0s57	23s31	1s19	16n 4	15n35	3s 8		n.a.
S 2	23 52	24 51	2 24	24 42	1 25	12 39	3 44	2 15	1 40	3 5	1 7	24 2	0 58	22 42	0 38	21 12	0 57	23 31	1 19	16 3	15 34	3 5		n.a.
S 3	23 52	27 9	3 24	24 25	1 18	12 59	3 42	2 29	1 40	3 6	1 6	24 3	0 58	22 42	0 38	21 11	0 57	23 32	1 19	16 1	15 33	3 2		n.a.
M 4	23 51	27 49	4 12	24 5	1 10	13 19	3 40	2 42	1 40	3 8	1 6	24 3	0 58	22 41	0 38	21 11	0 57	23 32	1 19	15 59	15 32	2 58		n.a.
T 5	23 49	26 52	4 45	23 43	1 1	13 38	3 37	2 56	1 40	3 10	1 6	24 4	0 58	22 41	0 38	21 10	0 57	23 33	1 19	15 56	15 31	2 55		n.a.
W 6	23 48	24 29	5 3	23 19	0 52	13 58	3 35	3 10	1 40	3 12	1 5	24 4	0 58	22 40	0 38	21 10	0 57	23 33	1 19	15 53	15 30	2 52		n.a.
T 7	23 45	20 58	5 5	22 54	0 41	14 17	3 32	3 23	1 39	3 14	1 5	24 5	0 59	22 40	0 38	21 9	0 57	23 33	1 19	15 50	15 29	2 48		n.a.
F 8	23 43	16 37	4 53	22 27	0 30	14 36	3 30	3 37	1 39	3 15	1 5	24 6	0 59	22 39	0 38	21 9	0 57	23 34	1 19	15 47	15 28	2 45		n.a.
S 9	23 40	11 41	4 29	22 0	0 18	14 55	3 27	3 51	1 39	3 17	1 4	24 6	0 59	22 39	0 38	21 8	0 57	23 34	1 19	15 46	15 27	2 42		n.a.
S 10	23 36	6 23	3 52	21 31	0 5	15 14	3 24	4 4	1 39	3 20	1 4	24 7	0 59	22 38	0 38	21 8	0 57	23 34	1 20	15 45	15 26	2 38		n.a.
M11	23 32	0 55	3 6	21 2	0n 8	15 33	3 21	4 17	1 39	3 22	1 4	24 7	0 59	22 38	0 38	21 7	0 57	23 35	1 20	15 44	15 25	2 35		n.a.
T 12	23 27	4n37	2 12	20 32	0 22	15 52	3 18	4 31	1 39	3 24	1 4	24 8	0 59	22 37	0 38	21 7	0 57	23 35	1 20	15 44	15 24	2 32		n.a.
W13	23 22	10 1	1 12	20 3	0 37	16 10	3 14	4 44	1 39	3 26	1 3	24 9	0 59	22 36	0 38	21 6	0 57	23 36	1 20	15 44	15 23	2 28		n.a.
T 14	23 17	15 8	0 8	19 34	0 52	16 28	3 11	4 57	1 39	3 29	1 3	24 9	0 59	22 36	0 38	21 6	0 57	23 36	1 20	15 45	15 22	2 25		n.a.
F 15	23 11	19 46	0n58	19 6	1 8	16 46	3 8	5 11	1 39	3 31	1 3	24 10	0 59	22 35	0 38	21 5	0 57	23 36	1 20	15 44	15 21	2 22		n.a.
S 16	23 5	23 37	2 2	18 39	1 24	17 4	3 4	5 24	1 38	3 33	1 2	24 10	0 59	22 35	0 38	21 5	0 57	23 37	1 20	15 44	15 20	2 18		n.a.
S 17	22 58	26 23	3 2	18 14	1 40	17 22	3 1	5 37	1 38	3 36	1 2	24 11	1 0	22 34	0 38	21 4	0 57	23 37	1 20	15 42	15 19	2 15		n.a.
M18	22 51	27 44	3 53	17 51	1 56	17 39	2 57	5 50	1 38	3 39	1 2	24 12	1 0	22 34	0 38	21 4	0 57	23 37	1 20	15 40	15 18	2 12		n.a.
T 19	22 43	27 25	4 32	17 30	2 12	17 56	2 54	6 3	1 38	3 41	1 1	24 12	1 0	22 33	0 38	21 3	0 57	23 38	1 21	15 36	15 17	2 8		n.a.
W20	22 35	25 21	4 56	17 11	2 27	18 12	2 50	6 16	1 38	3 44	1 1	24 13	1 0	22 32	0 38	21 3	0 57	23 38	1 21	15 33	15 16	2 5		n.a.
T 21	22 26	21 39	5 2	16 56	2 42	18 29	2 46	6 28	1 37	3 47	1 1	24 13	1 0	22 32	0 38	21 2	0 57	23 39	1 21	15 30	15 15	2 2		n.a.
F 22	22 18	16 39	4 48	16 43	2 56	18 45	2 42	6 41	1 37	3 50	1 1	24 14	1 0	22 31	0 38	21 2	0 57	23 39	1 21	15 27	15 14	1 58		n.a.
S 23	22 8	10 42	4 17	16 34	3 9	19 0	2 38	6 54	1 37	3 53	1 0	24 14	1 0	22 31	0 38	21 1	0 57	23 39	1 21	15 24	15 13	1 55		n.a.
S 24	21 58	4 12	3 29	16 28	3 21	19 15	2 35	7 7	1 37	3 55	1 0	24 15	1 0	22 30	0 38	21 1	0 57	23 40	1 21	15 23	15 12	1 52		n.a.
M25	21 48	2s27	2 28	16 25	3 31	19 30	2 31	7 19	1 36	3 59	1 0	24 16	1 0	22 30	0 38	21 0	0 57	23 40	1 21	15 22	15 11	1 48		n.a.
T 26	21 38	8 55	1 19	16 26	3 39	19 45	2 27	7 32	1 36	4 2	0 59	24 16	1 0	22 29	0 38	21 0	0 57	23 40	1 21	15 22	15 10	1 45		n.a.
W27	21 27	14 54	0 6	16 29	3 46	19 59	2 23	7 44	1 36	4 5	0 59	24 17	1 0	22 28	0 38	20 59	0 57	23 41	1 21	15 22	15 9	1 42		n.a.
T 28	21 16	20 3	1s 6	16 35	3 51	20 12	2 18	7 56	1 35	4 8	0 59	24 17	1 0	22 28	0 38	20 59	0 57	23 41	1 22	15 22	15 8	1 38		n.a.
F 29	21 4	24 5	2 14	16 44	3 54	20 25	2 14	8 8	1 35	4 11	0 59	24 18	1 1	22 27	0 38	20 58	0 57	23 41	1 22	15 21	15 7	1 35		n.a.
S 30	20 52	26 44	3 13	16 55	3 55	20 38	2 10	8 21	1 35	4 14	0 58	24 18	1 1	22 27	0 38	20 58	0 57	23 42	1 22	15 19	15 6	1 32		n.a.
S 31	20s39	27s49	4s 1	17s 8	3n53	20s50	2n 6	8s33	1n34	4n18	0s58	24n19	1n 1	22s26	0s38	20s57	0s57	23s42	1s22	15n17	15n 5	1s28		n.a.

Julian Day Number = 1195463.5, Delta T = 09h27m53s
Ecliptic obliquity = 23°51'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'40, Lahiri = -23°49'39 Julian Calendar 1 Jan. 1440 BCE == Greg. Calendar 19 Dec. 1441 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

FEBRUARY 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 53 21	0♒19'41	16♉48	26°R59	15♐25	25♎58	13♈ 3	12°R 3	23♉21	2♒11	10♐ 3	10°R28	9♉58	3♈26	n.a.	M 1
T 2	7 57 17	1°19'23	29°40	26♉ 1	16°32	26°29	13°11	11♋58	23°24	2°13	10° 4	10♉15	9°55	3°33	n.a.	T 2
W 3	8 1 14	2°19'02	12♒19	25° 6	17°39	27° 0	13°19	11°54	23°28	2°15	10° 6	10° 1	9°52	3°39	n.a.	W 3
T 4	8 5 11	3°18'39	24°45	24°15	18°46	27°31	13°27	11°50	23°31	2°17	10° 7	9°48	9°49	3°46	n.a.	T 4
F 5	8 9 7	4°18'14	6♓58	23°27	19°54	28° 2	13°36	11°46	23°34	2°20	10° 8	9°36	9°45	3°53	n.a.	F 5
S 6	8 13 4	5°17'46	19° 0	22°44	21° 1	28°33	13°45	11°41	23°38	2°22	10°10	9°26	9°42	3°59	n.a.	S 6
S 7	8 17 0	6°17'16	0♈53	22° 7	22° 9	29° 4	13°53	11°37	23°41	2°24	10°11	9°19	9°39	4° 6	n.a.	S 7
M 8	8 20 57	7°16'43	12°42	21°35	23°16	29°34	14° 2	11°33	23°45	2°27	10°12	9°15	9°36	4°13	n.a.	M 8
T 9	8 24 53	8°16'08	24°30	21° 9	24°24	0♏ 5	14°11	11°29	23°48	2°29	10°13	9°14	9°33	4°19	n.a.	T 9
W10	8 28 50	9°15'31	6♉23	20°50	25°32	0°35	14°21	11°25	23°51	2°31	10°15	9°13	9°29	4°26	n.a.	W10
T 11	8 32 46	10°14'51	18°27	20°36	26°40	1° 5	14°30	11°21	23°55	2°33	10°16	9°13	9°26	4°33	n.a.	T 11
F 12	8 36 43	11°14'09	0♊46	20°28	27°48	1°35	14°39	11°17	23°58	2°36	10°17	9°12	9°23	4°39	n.a.	F 12
S 13	8 40 39	12°13'24	13°26	20°D27	28°57	2° 4	14°49	11°14	24° 1	2°38	10°18	9° 9	9°20	4°46	n.a.	S 13
S 14	8 44 36	13°12'37	26°31	20°31	0♉ 5	2°34	14°58	11°10	24° 4	2°40	10°19	9° 4	9°17	4°53	n.a.	S 14
M15	8 48 33	14°11'48	10♋ 4	20°40	1°13	3° 3	15° 8	11° 6	24° 8	2°42	10°20	8°56	9°14	4°59	n.a.	M15
T 16	8 52 29	15°10'56	24° 3	20°55	2°22	3°32	15°18	11° 3	24°11	2°45	10°21	8°46	9°10	5° 6	n.a.	T 16
W17	8 56 26	16°10'02	8♌26	21°15	3°31	4° 1	15°28	10°59	24°14	2°47	10°22	8°35	9° 7	5°13	n.a.	W17
T 18	9 0 22	17° 9'05	23° 7	21°39	4°39	4°29	15°38	10°56	24°18	2°49	10°23	8°23	9° 4	5°19	n.a.	T 18
F 19	9 4 19	18° 8'07	7♍58	22° 9	5°48	4°58	15°48	10°52	24°21	2°51	10°24	8°13	9° 1	5°26	n.a.	F 19
S 20	9 8 15	19° 7'06	22°51	22°42	6°57	5°26	15°58	10°49	24°24	2°53	10°25	8° 5	8°58	5°33	n.a.	S 20
S 21	9 12 12	20° 6'03	7♎37	23°20	8° 6	5°54	16° 9	10°46	24°27	2°56	10°26	7°59	8°55	5°39	n.a.	S 21
M22	9 16 8	21° 4'58	22° 9	24° 1	9°15	6°22	16°19	10°43	24°30	2°58	10°27	7°56	8°51	5°46	n.a.	M22
T 23	9 20 5	22° 3'52	6♏26	24°46	10°25	6°50	16°30	10°40	24°33	3° 0	10°28	7°D56	8°48	5°53	n.a.	T 23
W24	9 24 1	23° 2'43	20°24	25°35	11°34	7°17	16°40	10°37	24°37	3° 2	10°29	7°R56	8°45	5°59	n.a.	W24
T 25	9 27 58	24° 1'33	4♐ 4	26°27	12°43	7°44	16°51	10°34	24°40	3° 4	10°30	7°56	8°42	6° 6	n.a.	T 25
F 26	9 31 55	25° 0'21	17°27	27°22	13°53	8°11	17° 2	10°31	24°43	3° 6	10°30	7°54	8°39	6°13	n.a.	F 26
S 27	9 35 51	25°59'07	0♑36	28°20	15° 2	8°37	17°13	10°29	24°46	3° 9	10°31	7°49	8°35	6°19	n.a.	S 27
S 28	9 39 48	26♒57'52	13♑32	29♑20	16♑12	9♏ 4	17♈24	10♋26	24♑49	3♒11	10♐32	7♉42	8♉32	6♈26	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s26	27s20	4s35	17s22	3n50	21s 2	2n 2	8s45	1n34	4n21	0s58	24n19	1n 1	22s25	0s38	20s57	0s57	23s42	1s22	15n13	15n 4	1s25		n.a.
T 2	20 13	25 23	4 55	17 38	3 45	21 13	1 58	8 57	1 34	4 25	0 58	24 20	1 1	22 25	0 38	20 56	0 57	23 43	1 22	15 9	15 3	1 22		n.a.
W 3	20 0	22 11	5 0	17 55	3 38	21 24	1 53	9 8	1 33	4 28	0 57	24 20	1 1	22 24	0 38	20 56	0 57	23 43	1 22	15 5	15 2	1 18		n.a.
T 4	19 46	18 3	4 50	18 13	3 30	21 34	1 49	9 20	1 33	4 32	0 57	24 20	1 1	22 24	0 38	20 55	0 57	23 43	1 22	15 1	15 1	1 15		n.a.
F 5	19 32	13 14	4 27	18 31	3 20	21 44	1 45	9 32	1 32	4 35	0 57	24 21	1 1	22 23	0 38	20 55	0 57	23 44	1 23	14 57	15 0	1 12		n.a.
S 6	19 17	7 59	3 52	18 49	3 9	21 53	1 41	9 43	1 32	4 39	0 57	24 21	1 1	22 23	0 38	20 54	0 57	23 44	1 23	14 54	14 59	1 8		n.a.
S 7	19 2	2 30	3 8	19 7	2 57	22 1	1 36	9 55	1 31	4 43	0 56	24 22	1 1	22 22	0 38	20 54	0 57	23 44	1 23	14 51	14 58	1 5		n.a.
M 8	18 47	3n 2	2 15	19 24	2 44	22 9	1 32	10 6	1 31	4 46	0 56	24 22	1 1	22 21	0 38	20 53	0 57	23 45	1 23	14 50	14 57	1 2		n.a.
T 9	18 31	8 28	1 17	19 41	2 31	22 17	1 28	10 17	1 30	4 50	0 56	24 23	1 1	22 21	0 38	20 53	0 57	23 45	1 23	14 49	14 56	0 58		n.a.
W10	18 15	13 39	0 15	19 58	2 17	22 24	1 24	10 29	1 30	4 54	0 56	24 23	1 1	22 20	0 38	20 52	0 57	23 45	1 23	14 49	14 55	0 55		n.a.
T 11	17 59	18 24	0n49	20 14	2 3	22 30	1 19	10 40	1 29	4 58	0 55	24 23	1 1	22 20	0 38	20 52	0 57	23 45	1 23	14 49	14 54	0 52		n.a.
F 12	17 43	22 29	1 51	20 29	1 48	22 36	1 15	10 51	1 29	5 2	0 55	24 24	1 1	22 19	0 38	20 51	0 57	23 46	1 23	14 49	14 53	0 48		n.a.
S 13	17 26	25 38	2 50	20 44	1 34	22 41	1 11	11 2	1 28	5 6	0 55	24 24	1 1	22 19	0 38	20 51	0 57	23 46	1 24	14 48	14 52	0 45		n.a.
S 14	17 9	27 31	3 42	20 57	1 20	22 45	1 7	11 12	1 28	5 10	0 55	24 24	1 1	22 18	0 38	20 50	0 57	23 46	1 24	14 46	14 51	0 42		n.a.
M15	16 52	27 52	4 24	21 9	1 6	22 49	1 2	11 23	1 27	5 14	0 54	24 25	1 1	22 17	0 38	20 50	0 57	23 47	1 24	14 44	14 49	0 38		n.a.
T 16	16 34	26 27	4 51	21 21	0 52	22 52	0 58	11 34	1 26	5 18	0 54	24 25	1 1	22 17	0 38	20 49	0 57	23 47	1 24	14 41	14 48	0 35		n.a.
W17	16 16	23 18	5 0	21 31	0 39	22 55	0 54	11 44	1 26	5 22	0 54	24 25	1 1	22 16	0 38	20 49	0 57	23 47	1 24	14 37	14 47	0 32		n.a.
T 18	15 58	18 37	4 51	21 40	0 26	22 57	0 50	11 55	1 25	5 26	0 54	24 26	1 2	22 16	0 38	20 48	0 57	23 47	1 24	14 33	14 46	0 28		n.a.
F 19	15 40	12 45	4 21	21 48	0 13	22 58	0 46	12 5	1 24	5 30	0 53	24 26	1 2	22 15	0 38	20 48	0 57	23 48	1 24	14 30	14 45	0 25		n.a.
S 20	15 21	6 9	3 34	21 54	0 1	22 59	0 42	12 15	1 23	5 35	0 53	24 26	1 2	22 15	0 38	20 47	0 57	23 48	1 24	14 27	14 44	0 21		n.a.
S 21	15 2	0s44	2 33	22 0	0s11	22 59	0 38	12 26	1 23	5 39	0 53	24 27	1 2	22 14	0 38	20 47	0 57	23 48	1 25	14 25	14 43	0 18		n.a.
M22	14 43	7 30	1 23	22 4	0 23	22 59	0 34	12 36	1 22	5 43	0 53	24 27	1 2	22 13	0 38	20 46	0 57	23 49	1 25	14 24	14 42	0 15		n.a.
T 23	14 24	13 47	0 8	22 6	0 34	22 58	0 29	12 46	1 21	5 47	0 53	24 27	1 2	22 13	0 38	20 46	0 57	23 49	1 25	14 24	14 41	0 11		n.a.
W24	14 5	19 13	1s 6	22 8	0 44	22 56	0 25	12 55	1 20	5 52	0 52	24 27	1 2	22 12	0 38	20 45	0 57	23 49	1 25	14 24	14 40	0 8		n.a.
T 25	13 45	23 32	2 14	22 8	0 54	22 53	0 22	13 5	1 19	5 56	0 52	24 28	1 2	22 12	0 38	20 45	0 57	23 49	1 25	14 24	14 39	0 5		n.a.
F 26	13 25	26 28	3 13	22 6	1 4	22 50	0 18	13 15	1 18	6 1	0 52	24 28	1 2	22 11	0 38	20 44	0 57	23 50	1 25	14 23	14 38	0 1		n.a.
S 27	13 5	27 53	4 1	22 3	1 13	22 46	0 14	13 24	1 18	6 5	0 52	24 28	1 2	22 11	0 38	20 44	0 57	23 50	1 25	14 22	14 37	0n 2		n.a.
S 28	12s45	27s44	4s36	21s59	1s21	22s42	0n10	13s34	1n17	6n 9	0s52	24n28	1n 2	22s10	0s38	20s43	0s57	23s50	1s25	14n20	14n36	0n 5		n.a.

Julian Day Number = 1195494.5, Delta T = 09h27m51s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'36, Lahiri = -23°49'35 Julian Calendar 1 Feb. 1440 BCE == Greg. Calendar 19 Jan. 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

MARCH 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 43 44	27♒56'34	26♉16	0♒24	17♉21	9♏30	17♈35	10°R24	24♉52	3♒13	10♐33	7°R33	8♉29	6♈33	n.a.	M 1
T 2	9 47 41	28°55'14	8♒49	1°30	18°31	9°56	17°46	10♋21	24°55	3°15	10°33	7♉21	8°26	6°39	n.a.	T 2
W 3	9 51 37	29°53'53	21°11	2°38	19°41	10°21	17°58	10°19	24°58	3°17	10°34	7° 9	8°23	6°46	n.a.	W 3
T 4	9 55 34	0♓52'29	3♓24	3°49	20°51	10°46	18° 9	10°17	25° 1	3°19	10°35	6°56	8°20	6°53	n.a.	T 4
F 5	9 59 30	1°51'03	15°27	5° 2	22° 1	11°11	18°20	10°15	25° 4	3°21	10°35	6°46	8°16	6°59	n.a.	F 5
S 6	10 3 27	2°49'35	27°23	6°17	23°11	11°36	18°32	10°13	25° 7	3°23	10°36	6°37	8°13	7° 6	n.a.	S 6
S 7	10 7 23	3°48'04	9♈13	7°35	24°21	12° 0	18°43	10°11	25° 9	3°25	10°36	6°31	8°10	7°13	n.a.	S 7
M 8	10 11 20	4°46'32	21° 0	8°54	25°31	12°24	18°55	10° 9	25°12	3°27	10°37	6°27	8° 7	7°19	n.a.	M 8
T 9	10 15 17	5°44'57	2♉48	10°16	26°41	12°48	19° 7	10° 7	25°15	3°29	10°37	6°D26	8° 4	7°26	n.a.	T 9
W10	10 19 13	6°43'21	14°41	11°39	27°51	13°11	19°19	10° 6	25°18	3°31	10°38	6°26	8° 0	7°33	n.a.	W10
T 11	10 23 10	7°41'42	26°43	13° 5	29° 1	13°34	19°31	10° 4	25°21	3°33	10°38	6°27	7°57	7°39	n.a.	T 11
F 12	10 27 6	8°40'00	9♊ 0	14°32	0♒12	13°57	19°43	10° 3	25°23	3°35	10°39	6°R27	7°54	7°46	n.a.	F 12
S 13	10 31 3	9°38'17	21°38	16° 1	1°22	14°19	19°55	10° 2	25°26	3°37	10°39	6°26	7°51	7°53	n.a.	S 13
S 14	10 34 59	10°36'31	4♋40	17°32	2°32	14°41	20° 7	10° 0	25°29	3°39	10°39	6°24	7°48	7°59	n.a.	S 14
M15	10 38 56	11°34'44	18°10	19° 5	3°43	15° 2	20°19	9°59	25°31	3°41	10°40	6°19	7°45	8° 6	n.a.	M15
T 16	10 42 52	12°32'54	2♌10	20°39	4°53	15°23	20°31	9°58	25°34	3°43	10°40	6°12	7°41	8°13	n.a.	T 16
W17	10 46 49	13°31'02	16°37	22°16	6° 4	15°44	20°43	9°57	25°36	3°45	10°40	6° 5	7°38	8°19	n.a.	W17
T 18	10 50 46	14°29'07	1♍26	23°54	7°14	16° 5	20°56	9°57	25°39	3°46	10°40	5°57	7°35	8°26	n.a.	T 18
F 19	10 54 42	15°27'11	16°31	25°34	8°25	16°25	21° 8	9°56	25°41	3°48	10°41	5°49	7°32	8°33	n.a.	F 19
S 20	10 58 39	16°25'13	1♎41	27°16	9°35	16°44	21°21	9°55	25°44	3°50	10°41	5°44	7°29	8°39	n.a.	S 20
S 21	11 2 35	17°23'13	16°47	28°59	10°46	17° 3	21°33	9°55	25°46	3°52	10°41	5°40	7°26	8°46	n.a.	S 21
M22	11 6 32	18°21'12	1♏39	0♓45	11°57	17°22	21°46	9°54	25°49	3°54	10°41	5°D39	7°22	8°53	n.a.	M22
T 23	11 10 28	19°19'09	16°12	2°32	13° 8	17°40	21°58	9°54	25°51	3°55	10°41	5°39	7°19	8°59	n.a.	T 23
W24	11 14 25	20°17'05	0♐22	4°21	14°19	17°58	22°11	9°54	25°53	3°57	10°41	5°40	7°16	9° 6	n.a.	W24
T 25	11 18 21	21°14'59	14° 8	6°12	15°29	18°15	22°24	9°D54	25°56	3°59	10°R41	5°41	7°13	9°13	n.a.	T 25
F 26	11 22 18	22°12'52	27°32	8° 4	16°40	18°32	22°37	9°54	25°58	4° 0	10°41	5°R41	7°10	9°19	n.a.	F 26
S 27	11 26 14	23°10'44	10♉36	9°59	17°51	18°49	22°49	9°54	26° 0	4° 2	10°41	5°40	7° 6	9°26	n.a.	S 27
S 28	11 30 11	24° 8'34	23°22	11°55	19° 2	19° 4	23° 2	9°54	26° 2	4° 4	10°41	5°37	7° 3	9°33	n.a.	S 28
M29	11 34 8	25° 6'23	5♒53	13°53	20°13	19°20	23°15	9°55	26° 5	4° 5	10°41	5°32	7° 0	9°39	n.a.	M29
T 30	11 38 4	26° 4'10	18°12	15°52	21°24	19°35	23°28	9°55	26° 7	4° 7	10°41	5°25	6°57	9°46	n.a.	T 30
W31	11 42 1	27♓ 1'56	0♓21	17♓54	22♒36	19♏49	23♈41	9♋56	26♉ 9	4♒ 8	10♐41	5♉18	6♉54	9♈53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s24	26s 7	4s56	21s53	1s29	22s37	0n 6	13s43	1n16	6n14	0s51	24n29	1n 2	22s10	0s38	20s43	0s57	23s50	1s26	14n16	14n35	0n 9		n.a.
T 2	12 3	23 13	5 2	21 45	1 37	22 31	0 2	13 52	1 15	6 18	0 51	24 29	1 2	22 9	0 38	20 42	0 57	23 50	1 26	14 13	14 34	0 12		n.a.
W 3	11 42	19 18	4 53	21 36	1 44	22 25	0s 1	14 2	1 14	6 23	0 51	24 29	1 2	22 9	0 38	20 42	0 57	23 51	1 26	14 8	14 33	0 16		n.a.
T 4	11 21	14 38	4 31	21 25	1 50	22 18	0 5	14 11	1 12	6 28	0 51	24 29	1 2	22 8	0 38	20 41	0 57	23 51	1 26	14 4	14 32	0 19		n.a.
F 5	11 0	9 27	3 57	21 13	1 56	22 10	0 9	14 19	1 11	6 32	0 51	24 29	1 2	22 8	0 38	20 41	0 57	23 51	1 26	14 1	14 31	0 22		n.a.
S 6	10 39	3 59	3 12	20 59	2 1	22 2	0 12	14 28	1 10	6 37	0 50	24 29	1 2	22 7	0 38	20 40	0 57	23 51	1 26	13 58	14 30	0 26		n.a.
S 7	10 17	1n35	2 20	20 44	2 6	21 53	0 16	14 37	1 9	6 41	0 50	24 30	1 2	22 7	0 38	20 40	0 57	23 52	1 26	13 56	14 29	0 29		n.a.
M 8	9 56	7 5	1 22	20 27	2 11	21 44	0 19	14 45	1 8	6 46	0 50	24 30	1 2	22 6	0 38	20 40	0 57	23 52	1 26	13 55	14 28	0 32		n.a.
T 9	9 34	12 21	0 19	20 8	2 14	21 34	0 22	14 54	1 7	6 51	0 50	24 30	1 2	22 6	0 38	20 39	0 57	23 52	1 27	13 54	14 27	0 36		n.a.
W10	9 12	17 14	0n44	19 48	2 18	21 23	0 26	15 2	1 5	6 56	0 50	24 30	1 2	22 5	0 38	20 39	0 57	23 52	1 27	13 54	14 26	0 39		n.a.
T 11	8 50	21 30	1 47	19 26	2 20	21 12	0 29	15 11	1 4	7 0	0 49	24 30	1 2	22 5	0 38	20 38	0 58	23 52	1 27	13 54	14 25	0 42		n.a.
F 12	8 28	24 55	2 45	19 2	2 23	21 0	0 32	15 19	1 3	7 5	0 49	24 30	1 2	22 4	0 38	20 38	0 58	23 53	1 27	13 55	14 24	0 46		n.a.
S 13	8 6	27 13	3 38	18 36	2 24	20 47	0 35	15 27	1 1	7 10	0 49	24 30	1 2	22 4	0 38	20 37	0 58	23 53	1 27	13 54	14 22	0 49		n.a.
S 14	7 43	28 8	4 21	18 9	2 25	20 34	0 38	15 35	1 0	7 15	0 49	24 30	1 2	22 3	0 38	20 37	0 58	23 53	1 27	13 53	14 21	0 53		n.a.
M15	7 21	27 25	4 51	17 40	2 26	20 20	0 42	15 42	0 58	7 19	0 49	24 30	1 2	22 3	0 38	20 36	0 58	23 53	1 27	13 52	14 20	0 56		n.a.
T 16	6 58	24 59	5 6	17 10	2 26	20 6	0 44	15 50	0 57	7 24	0 49	24 31	1 2	22 2	0 38	20 36	0 58	23 53	1 28	13 50	14 19	0 59		n.a.
W17	6 36	20 55	5 1	16 38	2 26	19 51	0 47	15 58	0 55	7 29	0 48	24 31	1 2	22 2	0 38	20 36	0 58	23 53	1 28	13 47	14 18	1 3		n.a.
T 18	6 13	15 27	4 37	16 3	2 24	19 36	0 50	16 5	0 54	7 34	0 48	24 31	1 2	22 1	0 38	20 35	0 58	23 54	1 28	13 44	14 17	1 6		n.a.
F 19	5 50	8 59	3 53	15 28	2 23	19 20	0 53	16 13	0 52	7 39	0 48	24 31	1 2	22 1	0 39	20 35	0 58	23 54	1 28	13 42	14 16	1 9		n.a.
S 20	5 27	1 57	2 53	14 50	2 21	19 4	0 56	16 20	0 50	7 44	0 48	24 31	1 2	22 0	0 39	20 34	0 58	23 54	1 28	13 40	14 15	1 13		n.a.
S 21	5 4	5s10	1 40	14 11	2 18	18 47	0 58	16 27	0 49	7 49	0 48	24 31	1 2	22 0	0 39	20 34	0 58	23 54	1 28	13 39	14 14	1 16		n.a.
M22	4 41	11 55	0 22	13 30	2 15	18 29	1 1	16 34	0 47	7 54	0 48	24 31	1 2	22 0	0 39	20 34	0 58	23 54	1 28	13 38	14 13	1 20		n.a.
T 23	4 18	17 53	0s57	12 47	2 11	18 11	1 3	16 41	0 45	7 59	0 47	24 31	1 2	21 59	0 39	20 33	0 58	23 54	1 28	13 38	14 12	1 23		n.a.
W24	3 55	22 42	2 10	12 3	2 7	17 53	1 6	16 48	0 43	8 4	0 47	24 31	1 2	21 59	0 39	20 33	0 58	23 55	1 29	13 39	14 11	1 26		n.a.
T 25	3 32	26 6	3 13	11 17	2 2	17 33	1 8	16 55	0 41	8 8	0 47	24 31	1 2	21 58	0 39	20 32	0 58	23 55	1 29	13 39	14 10	1 30		n.a.
F 26	3 9	27 54	4 4	10 29	1 56	17 14	1 10	17 1	0 39	8 13	0 47	24 31	1 2	21 58	0 39	20 32	0 58	23 55	1 29	13 39	14 9	1 33		n.a.
S 27	2 45	28 6	4 41	9 40	1 50	16 54	1 12	17 8	0 37	8 18	0 47	24 31	1 2	21 57	0 39	20 32	0 58	23 55	1 29	13 39	14 8	1 36		n.a.
S 28	2 22	26 46	5 3	8 49	1 44	16 34	1 15	17 14	0 35	8 23	0 47	24 31	1 2	21 57	0 39	20 31	0 58	23 55	1 29	13 38	14 7	1 40		n.a.
M29	1 59	24 7	5 10	7 56	1 37	16 13	1 17	17 21	0 33	8 28	0 46	24 31	1 2	21 57	0 39	20 31	0 58	23 55	1 29	13 36	14 6	1 43		n.a.
T 30	1 35	20 25	5 2	7 2	1 29	15 51	1 19	17 27	0 31	8 33	0 46	24 31	1 2	21 56	0 39	20 31	0 58	23 55	1 29	13 34	14 5	1 47		n.a.
W31	1s12	15s54	4s41	6s 6	1s21	15s30	1s20	17s33	0n28	8n38	0s46	24n31	1n 1	21s56	0s39	20s30	0s58	23s55	1s30	13n31	14n 4	1n50		n.a.

Julian Day Number = 1195522.5, Delta T = 09h27m49s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'32, Lahiri = -23°49'31 Julian Calendar 1 March 1440 BCE == Greg. Calendar 16 Feb. 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

APRIL 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 45 57	27♓59'41	12♓22	19♓57	23♒47	20♏ 2	23♈54	9♋56	26♑11	4♒10	10°R40	5°R11	6♉51	9♈59	n.a.	T 1
F 2	11 49 54	28°57'23	24°17	22° 1	24°58	20°16	24° 7	9°57	26°13	4°11	10♐40	5♉ 5	6°47	10° 6	n.a.	F 2
S 3	11 53 50	29°55'05	6♈ 7	24° 7	26° 9	20°28	24°20	9°58	26°15	4°13	10°40	5° 1	6°44	10°13	n.a.	S 3
S 4	11 57 47	0♈52'45	17°55	26°15	27°20	20°40	24°34	9°59	26°17	4°14	10°40	4°58	6°41	10°19	n.a.	S 4
M 5	12 1 43	1°50'23	29°43	28°23	28°32	20°51	24°47	10° 0	26°18	4°16	10°40	4°D56	6°38	10°26	n.a.	M 5
T 6	12 5 40	2°48'00	11♉33	0♈32	29°43	21° 2	25° 0	10° 1	26°20	4°17	10°39	4°56	6°35	10°33	n.a.	T 6
W 7	12 9 37	3°45'35	23°28	2°42	0♓54	21°12	25°13	10° 3	26°22	4°19	10°39	4°57	6°32	10°39	n.a.	W 7
T 8	12 13 33	4°43'09	5♊33	4°53	2° 6	21°22	25°27	10° 4	26°24	4°20	10°38	4°59	6°28	10°46	n.a.	T 8
F 9	12 17 30	5°40'42	17°52	7° 4	3°17	21°31	25°40	10° 5	26°25	4°21	10°38	5° 1	6°25	10°53	n.a.	F 9
S 10	12 21 26	6°38'12	0♋29	9°15	4°28	21°39	25°53	10° 7	26°27	4°22	10°38	5° 2	6°22	10°59	n.a.	S 10
S 11	12 25 23	7°35'42	13°28	11°26	5°40	21°46	26° 7	10° 9	26°29	4°24	10°37	5°R 2	6°19	11° 6	n.a.	S 11
M12	12 29 19	8°33'09	26°52	13°36	6°51	21°53	26°20	10°11	26°30	4°25	10°37	5° 0	6°16	11°13	n.a.	M12
T 13	12 33 16	9°30'35	10♌44	15°46	8° 3	21°59	26°34	10°12	26°32	4°26	10°36	4°58	6°12	11°19	n.a.	T 13
W14	12 37 12	10°28'00	25° 3	17°54	9°14	22° 5	26°47	10°14	26°33	4°27	10°36	4°55	6° 9	11°26	n.a.	W14
T 15	12 41 9	11°25'23	9♍47	20° 2	10°26	22°10	27° 1	10°17	26°35	4°29	10°35	4°52	6° 6	11°33	n.a.	T 15
F 16	12 45 6	12°22'45	24°49	22° 7	11°38	22°14	27°14	10°19	26°36	4°30	10°35	4°49	6° 3	11°39	n.a.	F 16
S 17	12 49 2	13°20'05	10♎ 1	24°11	12°49	22°17	27°28	10°21	26°37	4°31	10°34	4°47	6° 0	11°46	n.a.	S 17
S 18	12 52 59	14°17'25	25°14	26°13	14° 1	22°20	27°41	10°23	26°39	4°32	10°33	4°46	5°57	11°53	n.a.	S 18
M19	12 56 55	15°14'43	10♏18	28°13	15°13	22°22	27°55	10°26	26°40	4°33	10°33	4°D46	5°53	11°59	n.a.	M19
T 20	13 0 52	16°12'01	25° 4	0♉11	16°24	22°23	28° 8	10°28	26°41	4°34	10°32	4°47	5°50	12° 6	n.a.	T 20
W21	13 4 48	17° 9'18	9♐27	2° 6	17°36	22°R24	28°22	10°31	26°42	4°35	10°31	4°48	5°47	12°13	n.a.	W21
T 22	13 8 45	18° 6'34	23°25	3°59	18°48	22°24	28°36	10°34	26°43	4°36	10°31	4°49	5°44	12°19	n.a.	T 22
F 23	13 12 41	19° 3'50	6♑56	5°49	20° 0	22°23	28°49	10°37	26°45	4°37	10°30	4°50	5°41	12°26	n.a.	F 23
S 24	13 16 38	20° 1'05	20° 3	7°37	21°12	22°21	29° 3	10°40	26°46	4°38	10°29	4°R50	5°37	12°33	n.a.	S 24
S 25	13 20 35	20°58'19	2♒47	9°22	22°23	22°18	29°17	10°43	26°47	4°38	10°28	4°50	5°34	12°39	n.a.	S 25
M26	13 24 31	21°55'33	15°14	11° 5	23°35	22°15	29°30	10°46	26°48	4°39	10°27	4°49	5°31	12°46	n.a.	M26
T 27	13 28 28	22°52'46	27°26	12°44	24°47	22°11	29°44	10°49	26°48	4°40	10°27	4°47	5°28	12°53	n.a.	T 27
W28	13 32 24	23°49'59	9♓28	14°21	25°59	22° 6	29°58	10°52	26°49	4°41	10°26	4°46	5°25	12°59	n.a.	W28
T 29	13 36 21	24°47'11	21°21	15°56	27°11	22° 1	0♉11	10°56	26°50	4°41	10°25	4°44	5°22	13° 6	n.a.	T 29
F 30	13 40 17	25♈44'22	3♈11	17♉27	28♓23	21♏55	0♉25	10♋59	26♑51	4♒42	10♐24	4♉43	5♉18	13♈12	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s49	10s50	4s 7	5s10	1s13	15s 7	1s22	17s39	0n26	8n43	0s46	24n30	1n 1	21s56	0s39	20s30	0s58	23s55	1s30	13n29	14n 2	1n53		n.a.
F 2	0 25	5 25	3 23	4 12	1 4	14 45	1 24	17 45	0 24	8 48	0 46	24 30	1 1	21 55	0 39	20 30	0 58	23 56	1 30	13 27	14 1	1 57		n.a.
S 3	0 2	0n10	2 31	3 12	0 55	14 22	1 26	17 50	0 21	8 54	0 46	24 30	1 1	21 55	0 39	20 29	0 58	23 56	1 30	13 25	14 0	2 0		n.a.
S 4	0n21	5 45	1 32	2 12	0 45	13 58	1 27	17 56	0 19	8 59	0 46	24 30	1 1	21 55	0 39	20 29	0 58	23 56	1 30	13 24	13 59	2 3		n.a.
M 5	0 45	11 7	0 29	1 11	0 35	13 35	1 29	18 1	0 16	9 4	0 45	24 30	1 1	21 54	0 39	20 29	0 58	23 56	1 30	13 24	13 58	2 7		n.a.
T 6	1 8	16 8	0n36	0 10	0 25	13 10	1 30	18 7	0 14	9 9	0 45	24 30	1 1	21 54	0 39	20 28	0 58	23 56	1 30	13 24	13 57	2 10		n.a.
W 7	1 31	20 35	1 40	0n53	0 14	12 46	1 31	18 12	0 11	9 14	0 45	24 30	1 1	21 54	0 39	20 28	0 58	23 56	1 30	13 24	13 56	2 14		n.a.
T 8	1 54	24 14	2 40	1 55	0 4	12 21	1 33	18 17	0 8	9 19	0 45	24 30	1 1	21 53	0 39	20 28	0 58	23 56	1 31	13 25	13 55	2 17		n.a.
F 9	2 18	26 51	3 34	2 57	0n 7	11 56	1 34	18 22	0 6	9 24	0 45	24 30	1 1	21 53	0 39	20 28	0 59	23 56	1 31	13 25	13 54	2 20		n.a.
S 10	2 41	28 11	4 19	4 0	0 17	11 31	1 35	18 27	0 3	9 29	0 45	24 29	1 1	21 53	0 39	20 27	0 59	23 56	1 31	13 26	13 53	2 24		n.a.
S 11	3 4	28 1	4 52	5 2	0 28	11 5	1 36	18 32	0s 0	9 34	0 45	24 29	1 1	21 52	0 39	20 27	0 59	23 56	1 31	13 26	13 52	2 27		n.a.
M12	3 27	26 14	5 11	6 3	0 38	10 39	1 37	18 37	0 3	9 39	0 45	24 29	1 1	21 52	0 39	20 27	0 59	23 56	1 31	13 25	13 51	2 31		n.a.
T 13	3 50	22 51	5 13	7 3	0 48	10 12	1 38	18 41	0 6	9 44	0 44	24 29	1 1	21 52	0 39	20 27	0 59	23 56	1 31	13 25	13 50	2 34		n.a.
W14	4 13	18 1	4 55	8 2	0 58	9 46	1 38	18 46	0 9	9 49	0 44	24 29	1 1	21 52	0 39	20 26	0 59	23 56	1 31	13 24	13 49	2 37		n.a.
T 15	4 36	12 1	4 18	9 0	1 7	9 19	1 39	18 50	0 12	9 54	0 44	24 29	1 1	21 51	0 39	20 26	0 59	23 57	1 32	13 22	13 48	2 41		n.a.
F 16	4 59	5 11	3 23	9 57	1 17	8 52	1 40	18 54	0 16	9 59	0 44	24 28	1 1	21 51	0 39	20 26	0 59	23 57	1 32	13 21	13 46	2 44		n.a.
S 17	5 21	2s 1	2 12	10 51	1 25	8 24	1 40	18 58	0 19	10 4	0 44	24 28	1 1	21 51	0 39	20 26	0 59	23 57	1 32	13 21	13 45	2 47		n.a.
S 18	5 44	9 7	0 52	11 44	1 33	7 57	1 41	19 2	0 22	10 9	0 44	24 28	1 1	21 51	0 40	20 25	0 59	23 57	1 32	13 20	13 44	2 51		n.a.
M19	6 6	15 39	0s31	12 35	1 41	7 29	1 41	19 6	0 26	10 14	0 44	24 28	1 1	21 51	0 40	20 25	0 59	23 57	1 32	13 20	13 43	2 54		n.a.
T 20	6 29	21 9	1 50	13 24	1 47	7 1	1 41	19 10	0 29	10 19	0 44	24 28	1 1	21 50	0 40	20 25	0 59	23 57	1 32	13 21	13 42	2 58		n.a.
W21	6 51	25 14	3 0	14 11	1 54	6 32	1 42	19 13	0 33	10 24	0 43	24 27	1 1	21 50	0 40	20 25	0 59	23 57	1 32	13 21	13 41	3 1		n.a.
T 22	7 13	27 39	3 58	14 56	1 59	6 4	1 42	19 17	0 36	10 30	0 43	24 27	1 1	21 50	0 40	20 25	0 59	23 57	1 32	13 21	13 40	3 4		n.a.
F 23	7 36	28 20	4 40	15 39	2 4	5 35	1 42	19 20	0 40	10 35	0 43	24 27	1 1	21 50	0 40	20 24	0 59	23 57	1 33	13 22	13 39	3 8		n.a.
S 24	7 58	27 23	5 6	16 19	2 8	5 6	1 42	19 23	0 44	10 40	0 43	24 27	1 1	21 50	0 40	20 24	0 59	23 57	1 33	13 22	13 38	3 11		n.a.
S 25	8 20	25 0	5 16	16 57	2 12	4 37	1 42	19 26	0 47	10 45	0 43	24 26	1 1	21 49	0 40	20 24	0 59	23 57	1 33	13 22	13 37	3 14		n.a.
M26	8 41	21 30	5 11	17 33	2 15	4 8	1 42	19 29	0 51	10 50	0 43	24 26	1 1	21 49	0 40	20 24	0 59	23 57	1 33	13 21	13 36	3 18		n.a.
T 27	9 3	17 8	4 52	18 6	2 17	3 39	1 41	19 32	0 55	10 55	0 43	24 26	1 1	21 49	0 40	20 24	0 59	23 57	1 33	13 21	13 35	3 21		n.a.
W28	9 25	12 10	4 20	18 37	2 18	3 10	1 41	19 34	0 59	11 0	0 43	24 25	1 1	21 49	0 40	20 24	0 59	23 57	1 33	13 20	13 34	3 25		n.a.
T 29	9 46	6 49	3 38	19 6	2 18	2 40	1 41	19 37	1 3	11 5	0 43	24 25	1 1	21 49	0 40	20 23	0 59	23 57	1 33	13 20	13 32	3 28		n.a.
F 30	10n 7	1s15	2s46	19n33	2n18	2s11	1s40	19s39	1s 7	11n10	0s42	24n25	1n 1	21s49	0s40	20s23	0s59	23s57	1s33	13n19	13n31	3n31		n.a.

Julian Day Number = 1195553.5, Delta T = 09h27m47s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'28, Lahiri = -23°49'27 Julian Calendar 1 Apr. 1440 BCE == Greg. Calendar 19 March 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

MAY 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 44 14	26♈41'33	14♈58	18♉56	29♓35	21°R48	0♉39	11♋ 3	26♏51	4♒43	10°R23	4°R42	5♉15	13♈19	n.a.	S 1
S 2	13 48 10	27°38'43	26°47	20°22	0♈47	21♏40	0°53	11° 6	26°52	4°43	10♐22	4♉42	5°12	13°26	n.a.	S 2
M 3	13 52 7	28°35'53	8♉38	21°45	2° 0	21°31	1° 6	11°10	26°53	4°44	10°21	4°D42	5° 9	13°32	n.a.	M 3
T 4	13 56 4	29°33'02	20°34	23° 6	3°12	21°22	1°20	11°14	26°53	4°45	10°20	4°42	5° 6	13°39	n.a.	T 4
W 5	14 0 0	0♉30'11	2♊38	24°23	4°24	21°12	1°34	11°18	26°54	4°45	10°19	4°42	5° 3	13°46	n.a.	W 5
T 6	14 3 57	1°27'19	14°52	25°38	5°36	21° 2	1°48	11°22	26°54	4°46	10°18	4°43	4°59	13°52	n.a.	T 6
F 7	14 7 53	2°24'26	27°19	26°49	6°48	20°51	2° 1	11°26	26°55	4°46	10°17	4°43	4°56	13°59	n.a.	F 7
S 8	14 11 50	3°21'33	10♋ 1	27°57	8° 1	20°39	2°15	11°30	26°55	4°47	10°16	4°43	4°53	14° 6	n.a.	S 8
S 9	14 15 46	4°18'39	23° 1	29° 3	9°13	20°27	2°29	11°34	26°55	4°47	10°15	4°43	4°50	14°12	n.a.	S 9
M10	14 19 43	5°15'44	6♌23	0♊ 5	10°25	20°14	2°42	11°39	26°56	4°47	10°14	4°43	4°47	14°19	n.a.	M10
T 11	14 23 40	6°12'49	20° 7	1° 3	11°37	20° 0	2°56	11°43	26°56	4°48	10°13	4°43	4°43	14°26	n.a.	T 11
W12	14 27 36	7° 9'53	4♍14	1°59	12°50	19°46	3°10	11°47	26°56	4°48	10°11	4°44	4°40	14°32	n.a.	W12
T 13	14 31 33	8° 6'57	18°43	2°50	14° 2	19°32	3°24	11°52	26°56	4°48	10°10	4°44	4°37	14°39	n.a.	T 13
F 14	14 35 29	9° 3'59	3♎30	3°38	15°15	19°17	3°37	11°57	26°56	4°49	10° 9	4°44	4°34	14°46	n.a.	F 14
S 15	14 39 26	10° 1'02	18°29	4°23	16°27	19° 2	3°51	12° 1	26°R56	4°49	10° 8	4°44	4°31	14°52	n.a.	S 15
S 16	14 43 22	10°58'04	3♏34	5° 4	17°39	18°46	4° 5	12° 6	26°56	4°49	10° 7	4°R45	4°28	14°59	n.a.	S 16
M17	14 47 19	11°55'07	18°34	5°40	18°52	18°30	4°18	12°11	26°56	4°49	10° 5	4°44	4°24	15° 6	n.a.	M17
T 18	14 51 15	12°52'09	3♐23	6°13	20° 4	18°14	4°32	12°16	26°56	4°49	10° 4	4°44	4°21	15°12	n.a.	T 18
W19	14 55 12	13°49'11	17°52	6°42	21°17	17°57	4°46	12°21	26°56	4°49	10° 3	4°43	4°18	15°19	n.a.	W19
T 20	14 59 9	14°46'14	1♑57	7° 6	22°30	17°40	4°59	12°26	26°55	4°49	10° 2	4°42	4°15	15°26	n.a.	T 20
F 21	15 3 5	15°43'17	15°36	7°26	23°42	17°23	5°13	12°31	26°55	4°R49	10° 0	4°41	4°12	15°32	n.a.	F 21
S 22	15 7 2	16°40'20	28°48	7°41	24°55	17° 6	5°26	12°36	26°55	4°49	9°59	4°40	4° 9	15°39	n.a.	S 22
S 23	15 10 58	17°37'23	11♒36	7°52	26° 7	16°49	5°40	12°41	26°55	4°49	9°58	4°39	4° 5	15°46	n.a.	S 23
M24	15 14 55	18°34'27	24° 4	7°58	27°20	16°31	5°53	12°47	26°54	4°49	9°57	4°D39	4° 2	15°52	n.a.	M24
T 25	15 18 51	19°31'31	6♓14	8°R 0	28°33	16°14	6° 7	12°52	26°54	4°49	9°55	4°40	3°59	15°59	n.a.	T 25
W26	15 22 48	20°28'35	18°13	7°56	29°46	15°57	6°21	12°58	26°53	4°49	9°54	4°41	3°56	16° 6	n.a.	W26
T 27	15 26 45	21°25'40	0♈ 4	7°49	0♉58	15°40	6°34	13° 3	26°53	4°49	9°53	4°42	3°53	16°12	n.a.	T 27
F 28	15 30 41	22°22'46	11°51	7°36	2°11	15°22	6°47	13° 9	26°52	4°49	9°51	4°44	3°49	16°19	n.a.	F 28
S 29	15 34 38	23°19'51	23°39	7°20	3°24	15° 6	7° 1	13°14	26°51	4°48	9°50	4°45	3°46	16°25	n.a.	S 29
S 30	15 38 34	24°16'58	5♉31	6°59	4°37	14°49	7°14	13°20	26°51	4°48	9°48	4°R45	3°43	16°32	n.a.	S 30
M31	15 42 31	25♉14'04	17♉29	6♊34	5♉50	14♏32	7♉28	13♋26	26♏50	4♒48	9♐47	4♉44	3♉40	16♈39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n28	4n21	1s47	19n58	2n17	1s41	1s40	19s41	1s11	11n15	0s42	24n25	1n 1	21s49	0s40	20s23	0s59	23s57	1s34	13n19	13n30	3n35		n.a.
S 2	10 49	9 49	0 44	20 20	2 16	1 12	1 39	19 43	1 15	11 19	0 42	24 24	1 1	21 49	0 40	20 23	0 59	23 57	1 34	13 19	13 29	3 38		n.a.
M 3	11 10	14 58	0n22	20 40	2 13	0 42	1 39	19 45	1 20	11 24	0 42	24 24	1 1	21 49	0 40	20 23	1 0	23 57	1 34	13 19	13 28	3 41		n.a.
T 4	11 31	19 36	1 27	20 58	2 10	0 12	1 38	19 46	1 24	11 29	0 42	24 24	1 1	21 49	0 40	20 23	1 0	23 57	1 34	13 19	13 27	3 45		n.a.
W 5	11 51	23 30	2 29	21 15	2 6	0n18	1 37	19 48	1 28	11 34	0 42	24 23	1 1	21 48	0 40	20 23	1 0	23 57	1 34	13 19	13 26	3 48		n.a.
T 6	12 11	26 23	3 25	21 29	2 2	0 48	1 36	19 49	1 32	11 39	0 42	24 23	1 1	21 48	0 40	20 23	1 0	23 57	1 34	13 19	13 25	3 52		n.a.
F 7	12 31	28 3	4 13	21 41	1 57	1 18	1 35	19 50	1 37	11 44	0 42	24 22	1 1	21 48	0 40	20 23	1 0	23 57	1 34	13 19	13 24	3 55		n.a.
S 8	12 51	28 17	4 49	21 51	1 51	1 48	1 34	19 51	1 41	11 49	0 42	24 22	1 1	21 48	0 40	20 23	1 0	23 57	1 34	13 19	13 23	3 58		n.a.
S 9	13 11	26 58	5 11	21 59	1 44	2 17	1 33	19 52	1 45	11 54	0 42	24 22	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 19	13 22	4 2		n.a.
M10	13 30	24 7	5 17	22 6	1 37	2 47	1 32	19 52	1 50	11 59	0 42	24 21	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 19	13 21	4 5		n.a.
T 11	13 50	19 52	5 6	22 11	1 28	3 17	1 31	19 53	1 54	12 4	0 41	24 21	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 19	13 20	4 8		n.a.
W12	14 9	14 25	4 37	22 14	1 20	3 47	1 30	19 53	1 58	12 8	0 41	24 20	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 20	13 18	4 12		n.a.
T 13	14 28	8 2	3 49	22 15	1 10	4 17	1 28	19 53	2 3	12 13	0 41	24 20	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 20	13 17	4 15		n.a.
F 14	14 46	1 6	2 45	22 14	1 0	4 46	1 27	19 53	2 7	12 18	0 41	24 20	1 1	21 48	0 40	20 22	1 0	23 56	1 35	13 20	13 16	4 19		n.a.
S 15	15 5	6s 0	1 29	22 12	0 49	5 16	1 26	19 53	2 11	12 23	0 41	24 19	1 1	21 48	0 41	20 22	1 0	23 56	1 35	13 20	13 15	4 22		n.a.
S 16	15 23	12 49	0 7	22 9	0 38	5 45	1 24	19 53	2 16	12 28	0 41	24 19	1 1	21 48	0 41	20 22	1 0	23 56	1 35	13 20	13 14	4 25		n.a.
M17	15 41	18 53	1s16	22 4	0 26	6 15	1 23	19 53	2 20	12 32	0 41	24 18	1 1	21 48	0 41	20 22	1 0	23 56	1 36	13 20	13 13	4 29		n.a.
T 18	15 59	23 42	2 32	21 57	0 13	6 44	1 21	19 52	2 24	12 37	0 41	24 18	1 1	21 49	0 41	20 22	1 0	23 56	1 36	13 20	13 12	4 32		n.a.
W19	16 16	26 54	3 37	21 49	0 0	7 13	1 19	19 51	2 29	12 42	0 41	24 17	1 1	21 49	0 41	20 22	1 0	23 56	1 36	13 19	13 11	4 35		n.a.
T 20	16 33	28 18	4 27	21 40	0s13	7 42	1 18	19 51	2 33	12 47	0 41	24 17	1 1	21 49	0 41	20 22	1 0	23 56	1 36	13 19	13 10	4 39		n.a.
F 21	16 50	27 54	5 0	21 29	0 28	8 11	1 16	19 50	2 37	12 51	0 41	24 16	1 1	21 49	0 41	20 22	1 0	23 56	1 36	13 19	13 9	4 42		n.a.
S 22	17 7	25 54	5 15	21 17	0 42	8 40	1 14	19 49	2 41	12 56	0 41	24 16	1 1	21 49	0 41	20 22	1 0	23 56	1 36	13 18	13 8	4 46		n.a.
S 23	17 23	22 38	5 15	21 4	0 57	9 8	1 13	19 47	2 45	13 1	0 40	24 15	1 1	21 49	0 41	20 23	1 0	23 56	1 36	13 18	13 6	4 49		n.a.
M24	17 40	18 25	4 59	20 50	1 12	9 37	1 11	19 46	2 49	13 5	0 40	24 15	1 1	21 49	0 41	20 23	1 0	23 55	1 36	13 18	13 5	4 52		n.a.
T 25	17 55	13 33	4 30	20 35	1 28	10 5	1 9	19 45	2 53	13 10	0 40	24 14	1 1	21 49	0 41	20 23	1 1	23 55	1 36	13 18	13 4	4 56		n.a.
W26	18 11	8 15	3 50	20 19	1 43	10 33	1 7	19 43	2 57	13 14	0 40	24 14	1 1	21 49	0 41	20 23	1 1	23 55	1 37	13 19	13 3	4 59		n.a.
T 27	18 26	2 43	3 0	20 3	1 59	11 1	1 5	19 42	3 1	13 19	0 40	24 13	1 1	21 49	0 41	20 23	1 1	23 55	1 37	13 19	13 2	5 2		n.a.
F 28	18 41	2n53	2 3	19 45	2 15	11 28	1 3	19 40	3 4	13 24	0 40	24 13	1 1	21 50	0 41	20 23	1 1	23 55	1 37	13 20	13 1	5 6		n.a.
S 29	18 56	8 24	1 1	19 27	2 30	11 55	1 1	19 38	3 8	13 28	0 40	24 12	1 1	21 50	0 41	20 23	1 1	23 55	1 37	13 20	13 0	5 9		n.a.
S 30	19 11	13 40	0n 4	19 9	2 45	12 22	0 59	19 37	3 11	13 33	0 40	24 11	1 1	21 50	0 41	20 23	1 1	23 55	1 37	13 20	12 59	5 13		n.a.
M31	19n25	18n28	1n10	18n50	3s 0	12n49	0s56	19s35	3s15	13n37	0s40	24n11	1n 1	21s50	0s41	20s23	1s 1	23s55	1s37	13n20	12n58	5n16		n.a.

Julian Day Number = 1195583.5, Delta T = 09h27m46s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'23, Lahiri = -23°49'23 Julian Calendar 1 May 1440 BCE == Greg. Calendar 18 Apr. 1440 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

JUNE 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 46 27	26♉11'12	29♉36	6°R 5	7♉ 3	14°R16	7♉41	13♋32	26°R49	4°R47	9°R46	4°R43	3♉37	16♈45	n.a.	T 1
W 2	15 50 24	27° 8'19	11♊53	5♊33	8°16	14♏ 1	7°54	13°37	26♑48	4♒47	9♐44	4♉40	3°34	16°52	n.a.	W 2
T 3	15 54 20	28° 5'27	24°23	4°59	9°29	13°45	8° 8	13°43	26°48	4°47	9°43	4°37	3°30	16°59	n.a.	T 3
F 4	15 58 17	29° 2'36	7♋ 4	4°22	10°42	13°30	8°21	13°49	26°47	4°46	9°42	4°33	3°27	17° 5	n.a.	F 4
S 5	16 2 14	29°59'45	20° 0	3°43	11°55	13°16	8°34	13°55	26°46	4°46	9°40	4°30	3°24	17°12	n.a.	S 5
S 6	16 6 10	0♊56'54	3♌11	3° 3	13° 8	13° 2	8°47	14° 2	26°45	4°45	9°39	4°27	3°21	17°19	n.a.	S 6
M 7	16 10 7	1°54'04	16°37	2°23	14°21	12°49	9° 0	14° 8	26°44	4°45	9°37	4°25	3°18	17°25	n.a.	M 7
T 8	16 14 3	2°51'13	0♍18	1°43	15°34	12°36	9°14	14°14	26°43	4°44	9°36	4°D24	3°15	17°32	n.a.	T 8
W 9	16 18 0	3°48'23	14°17	1° 4	16°48	12°24	9°27	14°20	26°41	4°44	9°34	4°24	3°11	17°39	n.a.	W 9
T 10	16 21 56	4°45'34	28°31	0°27	18° 1	12°12	9°40	14°26	26°40	4°43	9°33	4°25	3° 8	17°45	n.a.	T 10
F 11	16 25 53	5°42'45	12♎58	29♉52	19°14	12° 2	9°53	14°33	26°39	4°42	9°32	4°27	3° 5	17°52	n.a.	F 11
S 12	16 29 50	6°39'56	27°37	29°20	20°27	11°51	10° 6	14°39	26°38	4°42	9°30	4°R28	3° 2	17°59	n.a.	S 12
S 13	16 33 46	7°37'08	12♏21	28°52	21°40	11°42	10°18	14°46	26°36	4°41	9°29	4°27	2°59	18° 5	n.a.	S 13
M14	16 37 43	8°34'21	27° 5	28°28	22°54	11°33	10°31	14°52	26°35	4°40	9°27	4°26	2°55	18°12	n.a.	M14
T 15	16 41 39	9°31'34	11♐41	28° 9	24° 7	11°25	10°44	14°59	26°34	4°40	9°26	4°23	2°52	18°19	n.a.	T 15
W16	16 45 36	10°28'49	26° 4	27°55	25°21	11°18	10°57	15° 5	26°32	4°39	9°24	4°18	2°49	18°25	n.a.	W16
T 17	16 49 32	11°26'05	10♑ 7	27°46	26°34	11°12	11°10	15°12	26°31	4°38	9°23	4°12	2°46	18°32	n.a.	T 17
F 18	16 53 29	12°23'21	23°46	27°D43	27°47	11° 6	11°22	15°19	26°29	4°37	9°21	4° 7	2°43	18°39	n.a.	F 18
S 19	16 57 26	13°20'39	7♒ 1	27°45	29° 1	11° 1	11°35	15°25	26°28	4°36	9°20	4° 1	2°40	18°45	n.a.	S 19
S 20	17 1 22	14°17'58	19°52	27°54	0♊14	10°57	11°47	15°32	26°26	4°35	9°19	3°57	2°36	18°52	n.a.	S 20
M21	17 5 19	15°15'18	2♓21	28°10	1°28	10°54	12° 0	15°39	26°25	4°34	9°17	3°55	2°33	18°58	n.a.	M21
T 22	17 9 15	16°12'40	14°33	28°31	2°42	10°52	12°12	15°46	26°23	4°34	9°16	3°D54	2°30	19° 5	n.a.	T 22
W23	17 13 12	17°10'03	26°31	28°59	3°55	10°50	12°25	15°52	26°21	4°33	9°14	3°54	2°27	19°12	n.a.	W23
T 24	17 17 8	18° 7'27	8♈22	29°33	5° 9	10°D49	12°37	15°59	26°20	4°32	9°13	3°55	2°24	19°18	n.a.	T 24
F 25	17 21 5	19° 4'52	20°10	0♊14	6°23	10°50	12°49	16° 6	26°18	4°31	9°11	3°57	2°21	19°25	n.a.	F 25
S 26	17 25 1	20° 2'20	2♉ 0	1° 0	7°36	10°50	13° 2	16°13	26°16	4°29	9°10	3°R58	2°17	19°32	n.a.	S 26
S 27	17 28 58	20°59'48	13°56	1°53	8°50	10°52	13°14	16°20	26°14	4°28	9° 9	3°57	2°14	19°38	n.a.	S 27
M28	17 32 55	21°57'18	26° 3	2°52	10° 4	10°55	13°26	16°27	26°13	4°27	9° 7	3°55	2°11	19°45	n.a.	M28
T 29	17 36 51	22°54'50	8♊22	3°57	11°18	10°58	13°38	16°34	26°11	4°26	9° 6	3°50	2° 8	19°52	n.a.	T 29
W30	17 40 48	23♊52'22	20♊55	5♊ 8	12♊32	11♏ 2	13♉50	16♋41	26♑ 9	4♒25	9♐ 4	3♉44	2♉ 5	19♈58	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n39	22n35	2n13	18n32	3s14	13n15	0s54	19s33	3s18	13n42	0s40	24n10	1n 1	21s50	0s41	20s23	1s 1	23s55	1s37	13n19	12n57	5n19		n.a.
W 2	19 52	25 46	3 11	18 13	3 27	13 41	0 52	19 31	3 21	13 46	0 40	24 10	1 1	21 51	0 41	20 24	1 1	23 55	1 37	13 18	12 55	5 23		n.a.
T 3	20 5	27 44	4 0	17 55	3 39	14 7	0 50	19 29	3 24	13 50	0 40	24 9	1 1	21 51	0 41	20 24	1 1	23 54	1 37	13 17	12 54	5 26		n.a.
F 4	20 18	28 19	4 39	17 37	3 50	14 33	0 48	19 28	3 27	13 55	0 40	24 8	1 1	21 51	0 41	20 24	1 1	23 54	1 37	13 16	12 53	5 29		n.a.
S 5	20 31	27 21	5 4	17 20	4 0	14 58	0 45	19 26	3 30	13 59	0 40	24 8	1 1	21 51	0 41	20 24	1 1	23 54	1 38	13 15	12 52	5 33		n.a.
S 6	20 43	24 52	5 14	17 4	4 9	15 23	0 43	19 24	3 33	14 4	0 40	24 7	1 1	21 51	0 41	20 24	1 1	23 54	1 38	13 14	12 51	5 36		n.a.
M 7	20 55	21 0	5 7	16 49	4 16	15 47	0 41	19 23	3 36	14 8	0 40	24 7	1 1	21 52	0 41	20 24	1 1	23 54	1 38	13 13	12 50	5 39		n.a.
T 8	21 6	15 57	4 42	16 36	4 22	16 11	0 38	19 21	3 38	14 12	0 39	24 6	1 1	21 52	0 41	20 24	1 1	23 54	1 38	13 13	12 49	5 43		n.a.
W 9	21 17	9 59	4 1	16 24	4 26	16 35	0 36	19 20	3 41	14 16	0 39	24 5	1 1	21 52	0 41	20 25	1 1	23 54	1 38	13 13	12 48	5 46		n.a.
T 10	21 28	3 25	3 4	16 14	4 29	16 58	0 34	19 18	3 43	14 21	0 39	24 5	1 1	21 52	0 41	20 25	1 1	23 54	1 38	13 13	12 47	5 50		n.a.
F 11	21 38	3s27	1 55	16 5	4 30	17 21	0 31	19 17	3 45	14 25	0 39	24 4	1 1	21 53	0 41	20 25	1 1	23 53	1 38	13 14	12 46	5 53		n.a.
S 12	21 48	10 14	0 37	15 59	4 29	17 43	0 29	19 16	3 48	14 29	0 39	24 3	1 1	21 53	0 42	20 25	1 1	23 53	1 38	13 14	12 44	5 56		n.a.
S 13	21 58	16 30	0s43	15 55	4 27	18 5	0 26	19 15	3 50	14 33	0 39	24 2	1 1	21 53	0 42	20 25	1 1	23 53	1 38	13 14	12 43	6 0		n.a.
M14	22 7	21 48	2 0	15 54	4 23	18 26	0 24	19 14	3 52	14 37	0 39	24 2	1 1	21 54	0 42	20 26	1 1	23 53	1 38	13 13	12 42	6 3		n.a.
T 15	22 16	25 43	3 9	15 55	4 18	18 47	0 21	19 13	3 53	14 41	0 39	24 1	1 1	21 54	0 42	20 26	1 1	23 53	1 39	13 12	12 41	6 6		n.a.
W16	22 25	27 53	4 5	15 58	4 11	19 8	0 19	19 12	3 55	14 46	0 39	24 0	1 1	21 54	0 42	20 26	1 1	23 53	1 39	13 11	12 40	6 10		n.a.
T 17	22 33	28 11	4 44	16 4	4 3	19 28	0 17	19 12	3 57	14 50	0 39	24 0	1 1	21 54	0 42	20 26	1 2	23 53	1 39	13 9	12 39	6 13		n.a.
F 18	22 41	26 45	5 6	16 12	3 54	19 47	0 14	19 11	3 58	14 54	0 39	23 59	1 1	21 55	0 42	20 27	1 2	23 53	1 39	13 7	12 38	6 16		n.a.
S 19	22 48	23 50	5 10	16 22	3 44	20 6	0 12	19 11	4 0	14 58	0 39	23 58	1 1	21 55	0 42	20 27	1 2	23 52	1 39	13 5	12 37	6 20		n.a.
S 20	22 55	19 50	4 59	16 35	3 33	20 25	0 9	19 11	4 1	15 2	0 39	23 57	1 1	21 55	0 42	20 27	1 2	23 52	1 39	13 4	12 36	6 23		n.a.
M21	23 2	15 3	4 33	16 50	3 21	20 43	0 7	19 11	4 2	15 6	0 39	23 56	1 1	21 56	0 42	20 27	1 2	23 52	1 39	13 3	12 34	6 27		n.a.
T 22	23 8	9 48	3 56	17 7	3 9	21 0	0 4	19 11	4 3	15 9	0 39	23 56	1 1	21 56	0 42	20 28	1 2	23 52	1 39	13 2	12 33	6 30		n.a.
W23	23 14	4 17	3 9	17 26	2 55	21 17	0 2	19 12	4 4	15 13	0 39	23 55	1 1	21 56	0 42	20 28	1 2	23 52	1 39	13 3	12 32	6 33		n.a.
T 24	23 19	1n20	2 14	17 47	2 42	21 33	0n 1	19 12	4 5	15 17	0 39	23 54	1 1	21 57	0 42	20 28	1 2	23 52	1 39	13 3	12 31	6 37		n.a.
F 25	23 24	6 53	1 14	18 9	2 27	21 49	0 3	19 13	4 6	15 21	0 39	23 53	1 1	21 57	0 42	20 29	1 2	23 52	1 39	13 3	12 30	6 40		n.a.
S 26	23 29	12 13	0 11	18 33	2 13	22 4	0 6	19 14	4 7	15 25	0 39	23 52	1 1	21 58	0 42	20 29	1 2	23 51	1 39	13 4	12 29	6 43		n.a.
S 27	23 33	17 9	0n54	18 59	1 58	22 18	0 8	19 15	4 7	15 29	0 39	23 52	1 1	21 58	0 42	20 29	1 2	23 51	1 40	13 4	12 28	6 47		n.a.
M28	23 37	21 29	1 56	19 25	1 44	22 32	0 10	19 17	4 8	15 32	0 39	23 51	1 1	21 58	0 42	20 29	1 2	23 51	1 40	13 3	12 27	6 50		n.a.
T 29	23 40	24 58	2 55	19 52	1 29	22 45	0 13	19 18	4 8	15 36	0 39	23 50	1 1	21 59	0 42	20 30	1 2	23 51	1 40	13 1	12 26	6 53		n.a.
W30	23n43	27n18	3n45	20n19	1s14	22n57	0n15	19s20	4s 9	15n40	0s38	23n49	1n 1	21s59	0s42	20s30	1s 2	23s51	1s40	12n59	12n24	6n57		n.a.

Julian Day Number = 1195614.5, Delta T = 09h27m44s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'19, Lahiri = -23°49'19 Julian Calendar 1 June 1440 BCE == Greg. Calendar 19 May 1440 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

JULY 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 44 44	24♊49'57	3♋43	6♊24	13♊45	11♏ 7	14♉ 2	16♋48	26°R 7	4°R24	9°R 3	3°R35	2♉ 1	20♈ 5	n.a.	T 1
F 2	17 48 41	25°47'32	16°46	7°45	14°59	11°13	14°14	16°56	26♑ 5	4♒23	9♐ 2	3♉26	1°58	20°12	n.a.	F 2
S 3	17 52 37	26°45'09	0♌ 3	9°12	16°13	11°20	14°25	17° 3	26° 3	4°21	9° 0	3°18	1°55	20°18	n.a.	S 3
S 4	17 56 34	27°42'47	13°33	10°43	17°27	11°27	14°37	17°10	26° 1	4°20	8°59	3°10	1°52	20°25	n.a.	S 4
M 5	18 0 30	28°40'26	27°13	12°19	18°41	11°35	14°49	17°17	25°59	4°19	8°58	3° 4	1°49	20°32	n.a.	M 5
T 6	18 4 27	29°38'07	11♍ 3	13°59	19°55	11°44	15° 0	17°24	25°57	4°18	8°56	3° 0	1°46	20°38	n.a.	T 6
W 7	18 8 24	0♋35'48	25° 1	15°43	21° 9	11°54	15°12	17°32	25°55	4°16	8°55	2°D59	1°42	20°45	n.a.	W 7
T 8	18 12 20	1°33'31	9♎ 6	17°30	22°23	12° 5	15°23	17°39	25°53	4°15	8°54	2°59	1°39	20°52	n.a.	T 8
F 9	18 16 17	2°31'15	23°18	19°19	23°38	12°16	15°34	17°46	25°51	4°14	8°52	2°59	1°36	20°58	n.a.	F 9
S 10	18 20 13	3°29'00	7♏35	21°12	24°52	12°28	15°45	17°53	25°48	4°12	8°51	3°R 0	1°33	21° 5	n.a.	S 10
S 11	18 24 10	4°26'47	21°55	23° 6	26° 6	12°41	15°57	18° 1	25°46	4°11	8°50	2°58	1°30	21°11	n.a.	S 11
M12	18 28 6	5°24'35	6♐15	25° 3	27°20	12°54	16° 8	18° 8	25°44	4°10	8°49	2°54	1°26	21°18	n.a.	M12
T 13	18 32 3	6°22'25	20°29	27° 0	28°34	13° 8	16°19	18°15	25°42	4° 8	8°47	2°48	1°23	21°25	n.a.	T 13
W14	18 35 59	7°20'17	4♑33	28°59	29°48	13°23	16°29	18°23	25°40	4° 7	8°46	2°39	1°20	21°31	n.a.	W14
T 15	18 39 56	8°18'10	18°22	0♋58	1♋ 3	13°38	16°40	18°30	25°37	4° 5	8°45	2°29	1°17	21°38	n.a.	T 15
F 16	18 43 53	9°16'04	1♒53	2°58	2°17	13°54	16°51	18°38	25°35	4° 4	8°44	2°18	1°14	21°45	n.a.	F 16
S 17	18 47 49	10°14'01	15° 3	4°57	3°31	14°11	17° 2	18°45	25°33	4° 2	8°43	2° 8	1°11	21°51	n.a.	S 17
S 18	18 51 46	11°11'59	27°51	6°57	4°46	14°28	17°12	18°53	25°31	4° 1	8°41	1°59	1° 7	21°58	n.a.	S 18
M19	18 55 42	12°10'00	10♓19	8°56	6° 0	14°46	17°22	19° 0	25°28	3°59	8°40	1°53	1° 4	22° 5	n.a.	M19
T 20	18 59 39	13° 8'02	22°31	10°54	7°15	15° 5	17°33	19° 7	25°26	3°58	8°39	1°49	1° 1	22°11	n.a.	T 20
W21	19 3 35	14° 6'06	4♈29	12°52	8°29	15°24	17°43	19°15	25°24	3°56	8°38	1°47	0°58	22°18	n.a.	W21
T 22	19 7 32	15° 4'13	16°20	14°49	9°44	15°44	17°53	19°22	25°21	3°55	8°37	1°D46	0°55	22°25	n.a.	T 22
F 23	19 11 28	16° 2'22	28° 8	16°45	10°58	16° 4	18° 3	19°30	25°19	3°53	8°36	1°R46	0°52	22°31	n.a.	F 23
S 24	19 15 25	17° 0'33	9♉59	18°40	12°13	16°25	18°13	19°37	25°17	3°52	8°35	1°46	0°48	22°38	n.a.	S 24
S 25	19 19 22	17°58'46	21°59	20°34	13°27	16°46	18°23	19°45	25°14	3°50	8°34	1°45	0°45	22°45	n.a.	S 25
M26	19 23 18	18°57'01	4♊11	22°27	14°42	17° 8	18°33	19°52	25°12	3°49	8°33	1°41	0°42	22°51	n.a.	M26
T 27	19 27 15	19°55'18	16°40	24°19	15°56	17°31	18°42	20° 0	25° 9	3°47	8°32	1°34	0°39	22°58	n.a.	T 27
W28	19 31 11	20°53'38	29°27	26°10	17°11	17°54	18°52	20° 7	25° 7	3°45	8°31	1°25	0°36	23° 4	n.a.	W28
T 29	19 35 8	21°51'59	12♋35	28° 0	18°26	18°17	19° 1	20°15	25° 5	3°44	8°30	1°14	0°33	23°11	n.a.	T 29
F 30	19 39 4	22°50'23	26° 0	29°48	19°40	18°41	19°10	20°22	25° 2	3°42	8°29	1° 1	0°29	23°18	n.a.	F 30
S 31	19 43 1	23♋48'49	9♌42	1♌36	20♋55	19♏ 6	19♉19	20♋30	25♑ 0	3♒40	8♐28	0♉49	0♉26	23♈24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n46	28n14	4n26	20n47	0s59	23n 9	0n18	19s22	4s 9	15n43	0s38	23n48	1n 1	21s59	0s42	20s30	1s 2	23s51	1s40	12n56	12n23	7n 0			n.a.
F 2	23 48	27 38	4 53	21 15	0 45	23 20	0 20	19 24	4 9	15 47	0 38	23 47	1 1	22 0	0 42	20 31	1 2	23 51	1 40	12 53	12 22	7 3			n.a.
S 3	23 50	25 28	5 5	21 43	0 31	23 30	0 22	19 26	4 9	15 50	0 38	23 46	1 2	22 0	0 42	20 31	1 2	23 50	1 40	12 50	12 21	7 7			n.a.
S 4	23 51	21 51	5 1	22 10	0 17	23 40	0 25	19 29	4 10	15 54	0 38	23 46	1 2	22 1	0 42	20 31	1 2	23 50	1 40	12 47	12 20	7 10			n.a.
M 5	23 52	17 1	4 39	22 36	0 4	23 49	0 27	19 31	4 10	15 58	0 38	23 45	1 2	22 1	0 42	20 32	1 2	23 50	1 40	12 45	12 19	7 13			n.a.
T 6	23 52	11 16	4 1	23 1	0n 8	23 58	0 29	19 34	4 10	16 1	0 38	23 44	1 2	22 1	0 42	20 32	1 2	23 50	1 40	12 44	12 18	7 17			n.a.
W 7	23 52	4 54	3 9	23 25	0 20	24 5	0 31	19 37	4 10	16 4	0 38	23 43	1 2	22 2	0 42	20 32	1 2	23 50	1 40	12 43	12 17	7 20			n.a.
T 8	23 51	1s46	2 4	23 47	0 32	24 12	0 34	19 41	4 9	16 8	0 38	23 42	1 2	22 2	0 42	20 33	1 2	23 50	1 40	12 43	12 16	7 23			n.a.
F 9	23 50	8 25	0 52	24 8	0 42	24 18	0 36	19 44	4 9	16 11	0 38	23 41	1 2	22 3	0 42	20 33	1 2	23 50	1 40	12 44	12 14	7 27			n.a.
S 10	23 49	14 41	0s25	24 26	0 52	24 24	0 38	19 48	4 9	16 14	0 38	23 40	1 2	22 3	0 42	20 33	1 2	23 49	1 41	12 44	12 13	7 30			n.a.
S 11	23 47	20 10	1 39	24 42	1 1	24 28	0 40	19 51	4 9	16 18	0 38	23 39	1 2	22 4	0 42	20 34	1 2	23 49	1 41	12 43	12 12	7 33			n.a.
M12	23 45	24 29	2 48	24 55	1 9	24 32	0 42	19 55	4 8	16 21	0 38	23 38	1 2	22 4	0 42	20 34	1 2	23 49	1 41	12 42	12 11	7 37			n.a.
T 13	23 43	27 15	3 45	25 6	1 17	24 36	0 44	19 59	4 8	16 24	0 38	23 37	1 2	22 4	0 42	20 35	1 2	23 49	1 41	12 40	12 10	7 40			n.a.
W14	23 39	28 15	4 28	25 15	1 23	24 38	0 46	20 4	4 8	16 27	0 38	23 36	1 2	22 5	0 42	20 35	1 2	23 49	1 41	12 37	12 9	7 43			n.a.
T 15	23 36	27 26	4 54	25 21	1 29	24 40	0 48	20 8	4 7	16 31	0 38	23 35	1 2	22 5	0 42	20 35	1 2	23 49	1 41	12 33	12 8	7 47			n.a.
F 16	23 32	25 0	5 3	25 24	1 34	24 41	0 50	20 12	4 7	16 34	0 38	23 34	1 2	22 6	0 42	20 36	1 2	23 49	1 41	12 29	12 7	7 50			n.a.
S 17	23 28	21 18	4 55	25 24	1 38	24 41	0 52	20 17	4 6	16 37	0 38	23 33	1 2	22 6	0 42	20 36	1 3	23 49	1 41	12 26	12 5	7 53			n.a.
S 18	23 23	16 41	4 33	25 22	1 41	24 40	0 54	20 22	4 5	16 40	0 38	23 32	1 2	22 7	0 42	20 36	1 3	23 48	1 41	12 23	12 4	7 57			n.a.
M19	23 18	11 29	3 58	25 17	1 44	24 39	0 56	20 27	4 5	16 43	0 38	23 31	1 2	22 7	0 42	20 37	1 3	23 48	1 41	12 20	12 3	8 0			n.a.
T 20	23 12	5 58	3 13	25 10	1 46	24 37	0 57	20 32	4 4	16 46	0 38	23 30	1 2	22 8	0 42	20 37	1 3	23 48	1 41	12 19	12 2	8 3			n.a.
W21	23 6	0 19	2 20	25 1	1 47	24 34	0 59	20 37	4 3	16 49	0 38	23 29	1 3	22 8	0 42	20 38	1 3	23 48	1 41	12 18	12 1	8 7			n.a.
T 22	23 0	5n17	1 21	24 49	1 48	24 31	1 1	20 42	4 3	16 52	0 38	23 28	1 3	22 8	0 42	20 38	1 3	23 48	1 41	12 18	12 0	8 10			n.a.
F 23	22 53	10 42	0 19	24 35	1 48	24 26	1 2	20 47	4 2	16 54	0 38	23 27	1 3	22 9	0 42	20 38	1 3	23 48	1 41	12 18	11 59	8 13			n.a.
S 24	22 46	15 46	0n44	24 19	1 47	24 21	1 4	20 53	4 1	16 57	0 38	23 26	1 3	22 9	0 42	20 39	1 3	23 48	1 41	12 18	11 58	8 17			n.a.
S 25	22 38	20 17	1 45	24 0	1 46	24 15	1 5	20 58	4 0	17 0	0 38	23 25	1 3	22 10	0 42	20 39	1 3	23 48	1 42	12 17	11 56	8 20			n.a.
M26	22 30	24 1	2 43	23 40	1 44	24 9	1 7	21 4	3 59	17 3	0 38	23 24	1 3	22 10	0 42	20 40	1 3	23 48	1 42	12 16	11 55	8 23			n.a.
T 27	22 21	26 44	3 34	23 19	1 42	24 1	1 8	21 10	3 58	17 6	0 38	23 23	1 3	22 11	0 42	20 40	1 3	23 47	1 42	12 14	11 54	8 27			n.a.
W28	22 13	28 8	4 16	22 55	1 40	23 53	1 10	21 15	3 57	17 8	0 38	23 22	1 3	22 11	0 42	20 40	1 3	23 47	1 42	12 11	11 53	8 30			n.a.
T 29	22 3	27 59	4 45	22 30	1 37	23 45	1 11	21 21	3 56	17 11	0 38	23 21	1 3	22 12	0 42	20 41	1 3	23 47	1 42	12 7	11 52	8 33			n.a.
F 30	21 54	26 13	4 59	22 4	1 33	23 35	1 12	21 27	3 55	17 13	0 38	23 20	1 3	22 12	0 42	20 41	1 3	23 47	1 42	12 2	11 51	8 37			n.a.
S 31	21n43	22n54	4n57	21n37	1n29	23n25	1n13	21s33	3s54	17n16	0s38	23n19	1n 3	22s13	0s42	20s42	1s 3	23s47	1s42	11n58	11n50	8n40			n.a.

Julian Day Number = 1195644.5, Delta T = 09h27m42s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'15, Lahiri = -23°49'15 Julian Calendar 1 July 1440 BCE == Greg. Calendar 18 June 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

AUGUST 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 46 57	24♋47'16	23♌37	3♌22	22♋10	19♏30	19♉28	20♋37	24°R57	3°R39	8°R27	0°R38	0♉23	23♈31	n.a.	S 1
M 2	19 50 54	25°45'46	7♍40	5° 7	23°25	19°56	19°37	20°44	24♉55	3♒37	8♐26	0♉30	0°20	23°38	n.a.	M 2
T 3	19 54 51	26°44'17	21°48	6°51	24°39	20°22	19°46	20°52	24°53	3°36	8°25	0°24	0°17	23°44	n.a.	T 3
W 4	19 58 47	27°42'50	5♎57	8°34	25°54	20°48	19°55	20°59	24°50	3°34	8°24	0°21	0°13	23°51	n.a.	W 4
T 5	20 2 44	28°41'24	20° 6	10°15	27° 9	21°15	20° 3	21° 7	24°48	3°32	8°24	0°20	0°10	23°58	n.a.	T 5
F 6	20 6 40	29°40'01	4♏12	11°56	28°24	21°42	20°12	21°14	24°45	3°31	8°23	0°20	0° 7	24° 4	n.a.	F 6
S 7	20 10 37	0♌38'39	18°16	13°35	29°39	22°10	20°20	21°22	24°43	3°29	8°22	0°19	0° 4	24°11	n.a.	S 7
S 8	20 14 33	1°37'19	2♐16	15°14	0♌54	22°38	20°28	21°29	24°41	3°27	8°21	0°17	0° 1	24°18	n.a.	S 8
M 9	20 18 30	2°36'01	16°11	16°52	2° 9	23° 6	20°36	21°36	24°38	3°26	8°21	0°12	29♈58	24°24	n.a.	M 9
T 10	20 22 26	3°34'45	29°59	18°28	3°23	23°35	20°44	21°44	24°36	3°24	8°20	0° 5	29°54	24°31	n.a.	T 10
W11	20 26 23	4°33'31	13♑39	20° 3	4°38	24° 4	20°52	21°51	24°34	3°22	8°19	29♈54	29°51	24°38	n.a.	W11
T 12	20 30 20	5°32'19	27° 6	21°38	5°53	24°33	20°59	21°58	24°31	3°21	8°19	29°42	29°48	24°44	n.a.	T 12
F 13	20 34 16	6°31'09	10♒19	23°11	7° 8	25° 3	21° 7	22° 6	24°29	3°19	8°18	29°29	29°45	24°51	n.a.	F 13
S 14	20 38 13	7°30'02	23°15	24°44	8°23	25°33	21°14	22°13	24°27	3°17	8°17	29°17	29°42	24°57	n.a.	S 14
S 15	20 42 9	8°28'56	5♓55	26°15	9°38	26° 4	21°21	22°20	24°24	3°16	8°17	29° 6	29°38	25° 4	n.a.	S 15
M16	20 46 6	9°27'53	18°17	27°46	10°53	26°34	21°28	22°28	24°22	3°14	8°16	28°58	29°35	25°11	n.a.	M16
T 17	20 50 2	10°26'51	0♈25	29°16	12° 8	27° 6	21°35	22°35	24°20	3°12	8°16	28°52	29°32	25°17	n.a.	T 17
W18	20 53 59	11°25'53	12°22	0♍44	13°23	27°37	21°42	22°42	24°17	3°11	8°15	28°49	29°29	25°24	n.a.	W18
T 19	20 57 55	12°24'57	24°12	2°12	14°38	28° 9	21°49	22°49	24°15	3° 9	8°15	28°D48	29°26	25°31	n.a.	T 19
F 20	21 1 52	13°24'03	5♉59	3°38	15°53	28°41	21°55	22°57	24°13	3° 7	8°14	28°48	29°23	25°37	n.a.	F 20
S 21	21 5 48	14°23'12	17°50	5° 4	17° 9	29°13	22° 1	23° 4	24°11	3° 6	8°14	28°R48	29°19	25°44	n.a.	S 21
S 22	21 9 45	15°22'23	29°49	6°29	18°24	29°46	22° 8	23°11	24° 9	3° 4	8°14	28°47	29°16	25°51	n.a.	S 22
M23	21 13 42	16°21'37	12♊ 3	7°52	19°39	0♐18	22°14	23°18	24° 6	3° 3	8°13	28°44	29°13	25°57	n.a.	M23
T 24	21 17 38	17°20'53	24°36	9°15	20°54	0°52	22°19	23°25	24° 4	3° 1	8°13	28°39	29°10	26° 4	n.a.	T 24
W25	21 21 35	18°20'12	7♋30	10°36	22° 9	1°25	22°25	23°32	24° 2	2°59	8°13	28°31	29° 7	26°11	n.a.	W25
T 26	21 25 31	19°19'33	20°49	11°56	23°24	1°59	22°30	23°39	24° 0	2°58	8°13	28°21	29° 4	26°17	n.a.	T 26
F 27	21 29 28	20°18'56	4♌31	13°15	24°39	2°33	22°36	23°46	23°58	2°56	8°12	28°10	29° 0	26°24	n.a.	F 27
S 28	21 33 24	21°18'22	18°35	14°33	25°55	3° 7	22°41	23°53	23°56	2°55	8°12	27°59	28°57	26°31	n.a.	S 28
S 29	21 37 21	22°17'50	2♍55	15°49	27°10	3°41	22°46	24° 0	23°54	2°53	8°12	27°49	28°54	26°37	n.a.	S 29
M30	21 41 17	23°17'19	17°24	17° 4	28°25	4°16	22°51	24° 7	23°52	2°52	8°12	27°41	28°51	26°44	n.a.	M30
T 31	21 45 14	24♌16'51	1♎57	18♍17	29♌40	4♐51	22♉55	24♋13	23♑50	2♒50	8♐12	27♈36	28♈48	26♈50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n33	18n14	4n37	21n 8	1n25	23n14	1n14	21s39	3s53	17n18	0s38	23n18	1n 3	22s13	0s43	20s42	1s 3	23s47	1s42	11n54	11n48	8n43		n.a.
M 2	21 22	12 33	4 0	20 38	1 21	23 2	1 16	21 45	3 52	17 21	0 38	23 17	1 3	22 13	0 43	20 42	1 3	23 47	1 42	11 51	11 47	8 46		n.a.
T 3	21 11	6 11	3 9	20 7	1 16	22 50	1 17	21 52	3 51	17 23	0 38	23 16	1 4	22 14	0 43	20 43	1 3	23 47	1 42	11 49	11 46	8 50		n.a.
W 4	20 59	0s30	2 5	19 35	1 11	22 37	1 17	21 58	3 50	17 26	0 38	23 15	1 4	22 14	0 43	20 43	1 3	23 47	1 42	11 48	11 45	8 53		n.a.
T 5	20 47	7 10	0 54	19 2	1 5	22 23	1 18	22 4	3 49	17 28	0 38	23 13	1 4	22 15	0 43	20 44	1 3	23 47	1 42	11 47	11 44	8 56		n.a.
F 6	20 35	13 28	0s20	18 28	0 59	22 8	1 19	22 10	3 48	17 30	0 38	23 12	1 4	22 15	0 43	20 44	1 3	23 47	1 42	11 47	11 43	9 0		n.a.
S 7	20 22	19 4	1 33	17 54	0 54	21 53	1 20	22 17	3 47	17 33	0 38	23 11	1 4	22 16	0 43	20 44	1 3	23 46	1 42	11 47	11 42	9 3		n.a.
S 8	20 9	23 36	2 40	17 18	0 47	21 38	1 21	22 23	3 46	17 35	0 38	23 10	1 4	22 16	0 43	20 45	1 3	23 46	1 42	11 46	11 41	9 6		n.a.
M 9	19 56	26 44	3 37	16 43	0 41	21 21	1 21	22 29	3 44	17 37	0 38	23 9	1 4	22 16	0 43	20 45	1 3	23 46	1 42	11 45	11 39	9 10		n.a.
T 10	19 42	28 12	4 20	16 7	0 35	21 4	1 22	22 36	3 43	17 39	0 38	23 8	1 4	22 17	0 43	20 46	1 3	23 46	1 42	11 42	11 38	9 13		n.a.
W11	19 28	27 56	4 48	15 30	0 28	20 47	1 22	22 42	3 42	17 41	0 38	23 7	1 4	22 17	0 43	20 46	1 3	23 46	1 42	11 38	11 37	9 16		n.a.
T 12	19 13	26 0	5 0	14 53	0 21	20 28	1 23	22 48	3 41	17 43	0 38	23 6	1 4	22 18	0 43	20 47	1 3	23 46	1 42	11 34	11 36	9 19		n.a.
F 13	18 58	22 41	4 55	14 15	0 14	20 9	1 23	22 55	3 39	17 45	0 38	23 5	1 4	22 18	0 43	20 47	1 3	23 46	1 43	11 29	11 35	9 23		n.a.
S 14	18 43	18 19	4 35	13 37	0 7	19 50	1 24	23 1	3 38	17 47	0 38	23 4	1 5	22 19	0 43	20 47	1 3	23 46	1 43	11 25	11 34	9 26		n.a.
S 15	18 28	13 14	4 1	12 59	0s 0	19 30	1 24	23 7	3 37	17 49	0 38	23 2	1 5	22 19	0 43	20 48	1 3	23 46	1 43	11 21	11 33	9 29		n.a.
M16	18 12	7 43	3 17	12 21	0 7	19 9	1 24	23 13	3 36	17 51	0 38	23 1	1 5	22 19	0 42	20 48	1 3	23 46	1 43	11 18	11 31	9 33		n.a.
T 17	17 56	2 2	2 24	11 42	0 15	18 48	1 24	23 20	3 34	17 53	0 38	23 0	1 5	22 20	0 42	20 49	1 3	23 46	1 43	11 16	11 30	9 36		n.a.
W18	17 40	3n39	1 26	11 4	0 22	18 27	1 24	23 26	3 33	17 55	0 38	22 59	1 5	22 20	0 42	20 49	1 3	23 46	1 43	11 15	11 29	9 39		n.a.
T 19	17 23	9 10	0 24	10 25	0 30	18 4	1 24	23 32	3 32	17 56	0 38	22 58	1 5	22 21	0 42	20 49	1 3	23 46	1 43	11 14	11 28	9 42		n.a.
F 20	17 6	14 21	0n38	9 46	0 37	17 42	1 24	23 38	3 30	17 58	0 38	22 57	1 5	22 21	0 42	20 50	1 3	23 46	1 43	11 14	11 27	9 46		n.a.
S 21	16 48	19 2	1 39	9 8	0 45	17 19	1 24	23 44	3 29	18 0	0 38	22 56	1 5	22 21	0 42	20 50	1 3	23 46	1 43	11 14	11 26	9 49		n.a.
S 22	16 31	23 2	2 37	8 29	0 52	16 55	1 24	23 50	3 28	18 1	0 38	22 55	1 5	22 22	0 42	20 50	1 3	23 46	1 43	11 14	11 25	9 52		n.a.
M23	16 13	26 5	3 29	7 51	1 0	16 31	1 24	23 56	3 26	18 3	0 38	22 53	1 6	22 22	0 42	20 51	1 3	23 46	1 43	11 13	11 23	9 56		n.a.
T 24	15 55	27 56	4 11	7 12	1 8	16 6	1 23	24 2	3 25	18 4	0 38	22 52	1 6	22 23	0 42	20 51	1 3	23 46	1 43	11 11	11 22	9 59		n.a.
W25	15 36	28 21	4 43	6 34	1 15	15 41	1 23	24 8	3 24	18 6	0 38	22 51	1 6	22 23	0 42	20 52	1 3	23 46	1 43	11 8	11 21	10 2		n.a.
T 26	15 17	27 10	5 0	5 56	1 23	15 15	1 23	24 13	3 22	18 7	0 38	22 50	1 6	22 23	0 42	20 52	1 3	23 46	1 43	11 5	11 20	10 5		n.a.
F 27	14 58	24 20	5 1	5 19	1 30	14 49	1 22	24 19	3 21	18 9	0 38	22 49	1 6	22 24	0 42	20 52	1 3	23 46	1 43	11 1	11 19	10 9		n.a.
S 28	14 39	20 0	4 44	4 42	1 38	14 23	1 22	24 25	3 19	18 10	0 37	22 48	1 6	22 24	0 42	20 53	1 3	23 46	1 43	10 57	11 18	10 12		n.a.
S 29	14 20	14 28	4 8	4 5	1 45	13 56	1 21	24 30	3 18	18 11	0 37	22 47	1 6	22 24	0 42	20 53	1 3	23 46	1 43	10 53	11 17	10 15		n.a.
M30	14 0	8 4	3 17	3 29	1 52	13 29	1 20	24 35	3 17	18 13	0 37	22 46	1 6	22 25	0 42	20 53	1 3	23 46	1 43	10 50	11 15	10 18		n.a.
T 31	13n40	1n13	2n12	2n53	1s59	13n 2	1n20	24s41	3s15	18n14	0s37	22n45	1n 7	22s25	0s42	20s54	1s 3	23s46	1s43	10n48	11n14	10n22		n.a.

Julian Day Number = 1195675.5, Delta T = 09h27m40s
Ecliptic obliquity = 23°51'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'11, Lahiri = -23°49'11 Julian Calendar 1 Aug. 1440 BCE == Greg. Calendar 19 July 1440 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

SEPTEMBER 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 49 10	25♌16'25	16♎28	19♍29	0♍55	5♐26	23♉ 0	24♋20	23°R48	2°R49	8°R12	27°R34	28♈44	26♈57	n.a.	W 1
T 2	21 53 7	26°16'01	0♏52	20°39	2°11	6° 1	23° 4	24°27	23♊46	2♒47	8♐12	27°D33	28°41	27° 4	n.a.	T 2
F 3	21 57 4	27°15'39	15° 6	21°47	3°26	6°37	23° 8	24°34	23°44	2°46	8°D12	27♈34	28°38	27°10	n.a.	F 3
S 4	22 1 0	28°15'18	29° 9	22°53	4°41	7°12	23°12	24°40	23°42	2°44	8°12	27°R34	28°35	27°17	n.a.	S 4
S 5	22 4 57	29°15'00	12♐59	23°57	5°56	7°48	23°16	24°47	23°40	2°43	8°12	27°33	28°32	27°24	n.a.	S 5
M 6	22 8 53	0♍14'44	26°38	24°58	7°11	8°24	23°20	24°54	23°39	2°41	8°12	27°30	28°29	27°30	n.a.	M 6
T 7	22 12 50	1°14'29	10♊ 6	25°56	8°27	9° 1	23°23	25° 0	23°37	2°40	8°12	27°25	28°25	27°37	n.a.	T 7
W 8	22 16 46	2°14'16	23°21	26°52	9°42	9°37	23°26	25° 7	23°35	2°38	8°12	27°17	28°22	27°44	n.a.	W 8
T 9	22 20 43	3°14'05	6♒25	27°44	10°57	10°14	23°29	25°13	23°33	2°37	8°12	27° 8	28°19	27°50	n.a.	T 9
F 10	22 24 39	4°13'56	19°16	28°32	12°12	10°51	23°32	25°19	23°32	2°36	8°12	26°58	28°16	27°57	n.a.	F 10
S 11	22 28 36	5°13'50	1♓54	29°17	13°28	11°28	23°35	25°26	23°30	2°34	8°12	26°49	28°13	28° 4	n.a.	S 11
S 12	22 32 33	6°13'45	14°19	29°57	14°43	12° 5	23°37	25°32	23°29	2°33	8°13	26°40	28°10	28°10	n.a.	S 12
M13	22 36 29	7°13'42	26°31	0♎33	15°58	12°42	23°39	25°38	23°27	2°32	8°13	26°34	28° 6	28°17	n.a.	M13
T 14	22 40 26	8°13'41	8♈33	1° 2	17°13	13°20	23°41	25°44	23°26	2°30	8°13	26°30	28° 3	28°23	n.a.	T 14
W15	22 44 22	9°13'43	20°26	1°26	18°29	13°57	23°43	25°50	23°24	2°29	8°14	26°28	28° 0	28°30	n.a.	W15
T 16	22 48 19	10°13'47	2♉14	1°44	19°44	14°35	23°45	25°57	23°23	2°28	8°14	26°D28	27°57	28°37	n.a.	T 16
F 17	22 52 15	11°13'53	14° 1	1°54	20°59	15°13	23°47	26° 3	23°21	2°27	8°14	26°29	27°54	28°43	n.a.	F 17
S 18	22 56 12	12°14'01	25°50	1°R57	22°14	15°51	23°48	26° 8	23°20	2°25	8°15	26°31	27°50	28°50	n.a.	S 18
S 19	23 0 8	13°14'12	7♊48	1°52	23°29	16°29	23°49	26°14	23°19	2°24	8°15	26°R32	27°47	28°57	n.a.	S 19
M20	23 4 5	14°14'25	20° 0	1°37	24°45	17° 8	23°50	26°20	23°17	2°23	8°16	26°32	27°44	29° 3	n.a.	M20
T 21	23 8 1	15°14'40	2♋30	1°14	26° 0	17°46	23°51	26°26	23°16	2°22	8°16	26°30	27°41	29°10	n.a.	T 21
W22	23 11 58	16°14'57	15°23	0°41	27°15	18°25	23°51	26°32	23°15	2°21	8°17	26°27	27°38	29°17	n.a.	W22
T 23	23 15 55	17°15'17	28°43	29♍59	28°30	19° 3	23°51	26°37	23°14	2°20	8°17	26°22	27°35	29°23	n.a.	T 23
F 24	23 19 51	18°15'39	12♌29	29° 7	29°46	19°42	23°R51	26°43	23°13	2°19	8°18	26°16	27°31	29°30	n.a.	F 24
S 25	23 23 48	19°16'02	26°42	28° 7	1♎ 1	20°21	23°51	26°48	23°12	2°18	8°18	26°10	27°28	29°37	n.a.	S 25
S 26	23 27 44	20°16'28	11♍16	26°59	2°16	21° 0	23°51	26°54	23°11	2°17	8°19	26° 4	27°25	29°43	n.a.	S 26
M27	23 31 41	21°16'55	26° 6	25°45	3°31	21°39	23°51	26°59	23°10	2°16	8°20	26° 0	27°22	29°50	n.a.	M27
T 28	23 35 37	22°17'25	11♎ 3	24°27	4°47	22°19	23°50	27° 5	23° 9	2°15	8°20	25°57	27°19	29°57	n.a.	T 28
W29	23 39 34	23°17'56	25°59	23° 8	6° 2	22°58	23°49	27°10	23° 8	2°14	8°21	25°D57	27°15	0♉ 3	n.a.	W29
T 30	23 43 30	24♍18'28	10♏47	21♍49	7♎17	23♐38	23♉48	27♋15	23♊ 7	2♒13	8♐22	25♈57	27♈12	0♉10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n20	5s41	0n59	2n18	2s 6	12n34	1n19	24s46	3s14	18n15	0s37	22n44	1n 7	22s25	0s42	20s54	1s 3	23s46	1s43	10n47	11n13	10n25		n.a.
T 2	12 59	12 15	0s18	1 44	2 13	12 6	1 18	24 51	3 12	18 16	0 37	22 42	1 7	22 26	0 42	20 55	1 3	23 46	1 43	10 47	11 12	10 28		n.a.
F 3	12 38	18 7	1 32	1 11	2 20	11 37	1 17	24 56	3 11	18 17	0 37	22 41	1 7	22 26	0 42	20 55	1 3	23 46	1 43	10 48	11 11	10 32		n.a.
S 4	12 17	22 56	2 41	0 39	2 26	11 8	1 16	25 1	3 9	18 18	0 37	22 40	1 7	22 26	0 42	20 55	1 3	23 46	1 43	10 48	11 10	10 35		n.a.
S 5	11 56	26 22	3 38	0 7	2 32	10 39	1 15	25 5	3 8	18 19	0 37	22 39	1 7	22 27	0 42	20 56	1 3	23 46	1 43	10 47	11 9	10 38		n.a.
M 6	11 35	28 12	4 23	0s23	2 38	10 10	1 14	25 10	3 7	18 20	0 37	22 38	1 7	22 27	0 42	20 56	1 3	23 46	1 44	10 46	11 7	10 41		n.a.
T 7	11 13	28 19	4 52	0 51	2 44	9 40	1 13	25 14	3 5	18 21	0 37	22 37	1 8	22 27	0 42	20 56	1 3	23 46	1 44	10 44	11 6	10 45		n.a.
W 8	10 52	26 48	5 5	1 18	2 49	9 10	1 11	25 19	3 4	18 22	0 37	22 36	1 8	22 27	0 42	20 57	1 3	23 46	1 44	10 41	11 5	10 48		n.a.
T 9	10 30	23 52	5 2	1 44	2 53	8 40	1 10	25 23	3 2	18 22	0 37	22 35	1 8	22 28	0 42	20 57	1 3	23 46	1 44	10 38	11 4	10 51		n.a.
F 10	10 8	19 47	4 43	2 7	2 58	8 9	1 9	25 27	3 1	18 23	0 37	22 34	1 8	22 28	0 42	20 57	1 3	23 46	1 44	10 34	11 3	10 54		n.a.
S 11	9 46	14 53	4 11	2 29	3 1	7 39	1 7	25 31	2 59	18 24	0 37	22 33	1 8	22 28	0 42	20 57	1 3	23 46	1 44	10 31	11 2	10 58		n.a.
S 12	9 23	9 27	3 27	2 48	3 5	7 8	1 6	25 35	2 58	18 24	0 37	22 32	1 8	22 29	0 42	20 58	1 3	23 46	1 44	10 28	11 0	11 1		n.a.
M13	9 1	3 46	2 34	3 4	3 7	6 37	1 4	25 38	2 56	18 25	0 37	22 31	1 8	22 29	0 42	20 58	1 3	23 46	1 44	10 26	10 59	11 4		n.a.
T 14	8 38	2n 0	1 35	3 18	3 9	6 6	1 3	25 42	2 55	18 26	0 37	22 30	1 9	22 29	0 42	20 58	1 3	23 47	1 44	10 24	10 58	11 7		n.a.
W15	8 15	7 37	0 33	3 28	3 9	5 34	1 1	25 45	2 53	18 26	0 37	22 29	1 9	22 29	0 42	20 59	1 3	23 47	1 44	10 23	10 57	11 10		n.a.
T 16	7 52	12 57	0n31	3 35	3 9	5 3	1 0	25 48	2 52	18 27	0 37	22 28	1 9	22 29	0 42	20 59	1 3	23 47	1 44	10 23	10 56	11 14		n.a.
F 17	7 29	17 49	1 34	3 38	3 8	4 31	0 58	25 51	2 51	18 27	0 37	22 27	1 9	22 30	0 42	20 59	1 3	23 47	1 44	10 24	10 55	11 17		n.a.
S 18	7 6	22 2	2 33	3 37	3 5	3 59	0 56	25 54	2 49	18 27	0 37	22 26	1 9	22 30	0 42	20 59	1 3	23 47	1 44	10 24	10 54	11 20		n.a.
S 19	6 42	25 23	3 25	3 31	3 1	3 27	0 54	25 57	2 48	18 28	0 37	22 25	1 9	22 30	0 42	21 0	1 3	23 47	1 44	10 25	10 52	11 23		n.a.
M20	6 19	27 38	4 10	3 20	2 55	2 55	0 52	25 59	2 46	18 28	0 37	22 24	1 10	22 30	0 42	21 0	1 3	23 47	1 44	10 25	10 51	11 27		n.a.
T 21	5 55	28 35	4 44	3 4	2 48	2 23	0 51	26 1	2 45	18 28	0 37	22 23	1 10	22 30	0 42	21 0	1 3	23 47	1 44	10 24	10 50	11 30		n.a.
W22	5 31	28 1	5 5	2 42	2 39	1 51	0 49	26 4	2 43	18 28	0 37	22 22	1 10	22 31	0 42	21 0	1 3	23 47	1 44	10 23	10 49	11 33		n.a.
T 23	5 7	25 51	5 11	2 15	2 28	1 19	0 47	26 5	2 42	18 28	0 37	22 21	1 10	22 31	0 42	21 1	1 3	23 48	1 44	10 21	10 48	11 36		n.a.
F 24	4 43	22 7	4 59	1 43	2 16	0 47	0 45	26 7	2 40	18 28	0 37	22 20	1 10	22 31	0 42	21 1	1 3	23 48	1 44	10 19	10 47	11 39		n.a.
S 25	4 19	17 1	4 28	1 5	2 1	0 14	0 43	26 9	2 39	18 28	0 37	22 19	1 10	22 31	0 42	21 1	1 3	23 48	1 44	10 17	10 45	11 43		n.a.
S 26	3 55	10 50	3 40	0 23	1 45	0s18	0 41	26 10	2 37	18 28	0 37	22 18	1 11	22 31	0 42	21 1	1 3	23 48	1 44	10 15	10 44	11 46		n.a.
M27	3 31	3 57	2 36	0n24	1 27	0 50	0 38	26 11	2 36	18 28	0 37	22 17	1 11	22 31	0 42	21 2	1 3	23 48	1 44	10 13	10 43	11 49		n.a.
T 28	3 7	3s13	1 21	1 12	1 8	1 23	0 36	26 12	2 34	18 28	0 37	22 16	1 11	22 32	0 42	21 2	1 3	23 48	1 44	10 12	10 42	11 52		n.a.
W29	2 42	10 13	0s 0	2 3	0 48	1 55	0 34	26 13	2 33	18 28	0 37	22 16	1 11	22 32	0 42	21 2	1 3	23 48	1 44	10 12	10 41	11 56		n.a.
T 30	2n18	16s36	1s20	2n53	0s27	2s27	0n32	26s14	2s31	18n28	0s37	22n15	1n11	22s32	0s42	21s 2	1s 3	23s49	1s44	10n12	10n40	11n59		n.a.

Julian Day Number = 1195706.5, Delta T = 09h27m38s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'07, Lahiri = -23°49'06 Julian Calendar 1 Sept. 1440 BCE == Greg. Calendar 19 Aug. 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

OCTOBER 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 47 27	25♍19'03	25♏19	20°R34	8♎32	24♐17	23°R47	27♋20	23°R 6	2°R12	8♐23	25♈59	27♈ 9	0♉16	n.a.	F 1
S 2	23 51 23	26°19'38	9♐34	19♍25	9°48	24°57	23♉45	27°25	23♂ 6	2♒11	8°24	26° 0	27° 6	0°23	n.a.	S 2
S 3	23 55 20	27°20'15	23°28	18°23	11° 3	25°37	23°43	27°30	23° 5	2°11	8°24	26°R 1	27° 3	0°30	n.a.	S 3
M 4	23 59 17	28°20'54	7♂ 4	17°31	12°18	26°17	23°41	27°35	23° 5	2°10	8°25	26° 1	27° 0	0°36	n.a.	M 4
T 5	0 3 13	29°21'34	20°20	16°50	13°33	26°57	23°39	27°40	23° 4	2° 9	8°26	25°59	26°56	0°43	n.a.	T 5
W 6	0 7 10	0♎22'15	3♒20	16°20	14°48	27°37	23°37	27°44	23° 3	2° 8	8°27	25°56	26°53	0°50	n.a.	W 6
T 7	0 11 6	1°22'57	16° 5	16° 2	16° 4	28°17	23°35	27°49	23° 3	2° 8	8°28	25°53	26°50	0°56	n.a.	T 7
F 8	0 15 3	2°23'41	28°37	15°D56	17°19	28°57	23°32	27°53	23° 3	2° 7	8°29	25°49	26°47	1° 3	n.a.	F 8
S 9	0 18 59	3°24'26	10♓57	16° 1	18°34	29°37	23°29	27°58	23° 2	2° 7	8°30	25°45	26°44	1°10	n.a.	S 9
S 10	0 22 56	4°25'13	23° 6	16°16	19°49	0♂17	23°26	28° 2	23° 2	2° 6	8°31	25°41	26°41	1°16	n.a.	S 10
M11	0 26 52	5°26'00	5♈ 8	16°41	21° 4	0°58	23°23	28° 7	23° 2	2° 5	8°32	25°39	26°37	1°23	n.a.	M11
T 12	0 30 49	6°26'50	17° 2	17°15	22°19	1°38	23°19	28°11	23° 1	2° 5	8°33	25°38	26°34	1°30	n.a.	T 12
W13	0 34 46	7°27'41	28°52	17°56	23°35	2°19	23°16	28°15	23° 1	2° 4	8°34	25°D38	26°31	1°36	n.a.	W13
T 14	0 38 42	8°28'33	10♉39	18°45	24°50	2°59	23°12	28°19	23° 1	2° 4	8°36	25°38	26°28	1°43	n.a.	T 14
F 15	0 42 39	9°29'27	22°26	19°40	26° 5	3°40	23° 8	28°23	23° 1	2° 4	8°37	25°39	26°25	1°49	n.a.	F 15
S 16	0 46 35	10°30'22	4♊17	20°40	27°20	4°21	23° 3	28°27	23°D 1	2° 3	8°38	25°41	26°21	1°56	n.a.	S 16
S 17	0 50 32	11°31'19	16°16	21°45	28°35	5° 2	22°59	28°30	23° 1	2° 3	8°39	25°42	26°18	2° 3	n.a.	S 17
M18	0 54 28	12°32'18	28°26	22°54	29°50	5°42	22°55	28°34	23° 1	2° 3	8°40	25°43	26°15	2° 9	n.a.	M18
T 19	0 58 25	13°33'18	10♋52	24° 6	1♏ 5	6°23	22°50	28°38	23° 1	2° 2	8°42	25°R44	26°12	2°16	n.a.	T 19
W20	1 2 21	14°34'19	23°40	25°21	2°20	7° 4	22°45	28°41	23° 2	2° 2	8°43	25°44	26° 9	2°23	n.a.	W20
T 21	1 6 18	15°35'22	6♌51	26°39	3°35	7°45	22°40	28°45	23° 2	2° 2	8°44	25°43	26° 6	2°29	n.a.	T 21
F 22	1 10 15	16°36'26	20°30	28° 0	4°50	8°26	22°35	28°48	23° 2	2° 2	8°46	25°42	26° 2	2°36	n.a.	F 22
S 23	1 14 11	17°37'31	4♍36	29°22	6° 5	9° 7	22°29	28°51	23° 2	2° 1	8°47	25°41	25°59	2°43	n.a.	S 23
S 24	1 18 8	18°38'38	19° 8	0♎45	7°20	9°48	22°24	28°54	23° 3	2° 1	8°48	25°40	25°56	2°49	n.a.	S 24
M25	1 22 4	19°39'46	4♎ 2	2°10	8°35	10°30	22°18	28°57	23° 3	2° 1	8°50	25°39	25°53	2°56	n.a.	M25
T 26	1 26 1	20°40'55	19°10	3°36	9°51	11°11	22°12	29° 0	23° 4	2° 1	8°51	25°D39	25°50	3° 3	n.a.	T 26
W27	1 29 57	21°42'05	4♏22	5° 3	11° 6	11°52	22° 6	29° 3	23° 4	2°D 1	8°52	25°39	25°47	3° 9	n.a.	W27
T 28	1 33 54	22°43'15	19°30	6°31	12°21	12°33	22° 0	29° 6	23° 5	2° 1	8°54	25°39	25°43	3°16	n.a.	T 28
F 29	1 37 51	23°44'27	4♐24	8° 0	13°36	13°15	21°53	29° 8	23° 6	2° 1	8°55	25°39	25°40	3°23	n.a.	F 29
S 30	1 41 47	24°45'39	18°58	9°29	14°51	13°56	21°47	29°11	23° 6	2° 1	8°57	25°40	25°37	3°29	n.a.	S 30
S 31	1 45 44	25♎46'52	3♂ 7	10♎59	16♏ 5	14♂37	21♉40	29♋13	23♂ 7	2♒ 2	8♐58	25°R40	25♈34	3♉36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n54	21s55	2s34	3n42	0s 6	3s 0	0n30	26s14	2s30	18n27	0s37	22n14	1n11	22s32	0s42	21s 2	1s 3	23s49	1s44	10n12	10n38	12n 2		n.a.
S 2	1 29	25 51	3 37	4 29	0n14	3 32	0 27	26 14	2 28	18 27	0 37	22 13	1 12	22 32	0 42	21 2	1 3	23 49	1 45	10 13	10 37	12 5		n.a.
S 3	1 5	28 7	4 25	5 11	0 33	4 4	0 25	26 14	2 27	18 26	0 37	22 12	1 12	22 32	0 42	21 3	1 3	23 49	1 45	10 13	10 36	12 8		n.a.
M 4	0 40	28 37	4 57	5 48	0 51	4 36	0 23	26 14	2 26	18 26	0 37	22 11	1 12	22 32	0 42	21 3	1 3	23 49	1 45	10 13	10 35	12 12		n.a.
T 5	0 16	27 27	5 13	6 20	1 8	5 8	0 20	26 14	2 24	18 26	0 37	22 11	1 12	22 32	0 42	21 3	1 3	23 49	1 45	10 13	10 34	12 15		n.a.
W 6	0s 9	24 48	5 11	6 45	1 23	5 40	0 18	26 13	2 23	18 25	0 37	22 10	1 12	22 32	0 42	21 3	1 3	23 50	1 45	10 12	10 33	12 18		n.a.
T 7	0 34	20 59	4 55	7 4	1 36	6 11	0 16	26 13	2 21	18 24	0 37	22 9	1 13	22 32	0 41	21 3	1 3	23 50	1 45	10 10	10 31	12 21		n.a.
F 8	0 58	16 17	4 24	7 17	1 47	6 43	0 13	26 11	2 20	18 24	0 37	22 8	1 13	22 32	0 41	21 3	1 3	23 50	1 45	10 9	10 30	12 24		n.a.
S 9	1 23	11 0	3 42	7 24	1 57	7 14	0 11	26 10	2 18	18 23	0 37	22 8	1 13	22 32	0 41	21 3	1 3	23 50	1 45	10 7	10 29	12 27		n.a.
S 10	1 47	5 23	2 50	7 25	2 5	7 45	0 8	26 9	2 17	18 22	0 37	22 7	1 13	22 32	0 41	21 4	1 3	23 50	1 45	10 6	10 28	12 31		n.a.
M11	2 12	0n23	1 51	7 21	2 11	8 16	0 6	26 7	2 15	18 22	0 37	22 6	1 13	22 32	0 41	21 4	1 3	23 51	1 45	10 5	10 27	12 34		n.a.
T 12	2 36	6 5	0 47	7 12	2 16	8 47	0 3	26 5	2 14	18 21	0 37	22 6	1 13	22 32	0 41	21 4	1 3	23 51	1 45	10 5	10 26	12 37		n.a.
W13	3 1	11 33	0n18	6 59	2 19	9 18	0 1	26 3	2 13	18 20	0 37	22 5	1 14	22 32	0 41	21 4	1 2	23 51	1 45	10 5	10 24	12 40		n.a.
T 14	3 25	16 35	1 22	6 41	2 21	9 48	0s 2	26 1	2 11	18 19	0 36	22 4	1 14	22 32	0 41	21 4	1 2	23 51	1 45	10 5	10 23	12 43		n.a.
F 15	3 50	21 1	2 23	6 20	2 22	10 19	0 4	25 59	2 10	18 18	0 36	22 4	1 14	22 32	0 41	21 4	1 2	23 52	1 45	10 5	10 22	12 46		n.a.
S 16	4 14	24 37	3 18	5 56	2 22	10 49	0 7	25 56	2 8	18 17	0 36	22 3	1 14	22 32	0 41	21 4	1 2	23 52	1 45	10 6	10 21	12 50		n.a.
S 17	4 38	27 13	4 5	5 29	2 21	11 18	0 9	25 53	2 7	18 16	0 36	22 2	1 14	22 32	0 41	21 4	1 2	23 52	1 45	10 6	10 20	12 53		n.a.
M18	5 2	28 34	4 42	5 0	2 19	11 48	0 12	25 50	2 5	18 15	0 36	22 2	1 15	22 32	0 41	21 4	1 2	23 52	1 45	10 7	10 19	12 56		n.a.
T 19	5 26	28 30	5 7	4 28	2 17	12 17	0 14	25 46	2 4	18 14	0 36	22 1	1 15	22 32	0 41	21 4	1 2	23 53	1 45	10 7	10 17	12 59		n.a.
W20	5 51	26 57	5 17	3 55	2 14	12 46	0 17	25 43	2 3	18 12	0 36	22 1	1 15	22 32	0 41	21 4	1 2	23 53	1 45	10 7	10 16	13 2		n.a.
T 21	6 15	23 54	5 11	3 20	2 10	13 14	0 19	25 39	2 1	18 11	0 36	22 0	1 15	22 32	0 41	21 4	1 2	23 53	1 45	10 7	10 15	13 5		n.a.
F 22	6 38	19 27	4 48	2 44	2 6	13 42	0 22	25 35	2 0	18 10	0 36	22 0	1 15	22 32	0 41	21 4	1 2	23 53	1 45	10 6	10 14	13 9		n.a.
S 23	7 2	13 49	4 7	2 6	2 1	14 10	0 24	25 31	1 58	18 8	0 36	21 59	1 16	22 32	0 41	21 4	1 2	23 54	1 45	10 6	10 13	13 12		n.a.
S 24	7 26	7 16	3 9	1 28	1 56	14 38	0 27	25 27	1 57	18 7	0 36	21 59	1 16	22 32	0 41	21 4	1 2	23 54	1 45	10 6	10 12	13 15		n.a.
M25	7 49	0 10	1 57	0 49	1 51	15 5	0 29	25 22	1 56	18 6	0 36	21 58	1 16	22 32	0 41	21 4	1 2	23 54	1 45	10 5	10 10	13 18		n.a.
T 26	8 13	7s 5	0 36	0 9	1 45	15 31	0 32	25 17	1 54	18 4	0 36	21 58	1 16	22 32	0 41	21 4	1 2	23 54	1 46	10 5	10 9	13 21		n.a.
W27	8 36	13 58	0s48	0s32	1 40	15 58	0 34	25 12	1 53	18 3	0 36	21 58	1 17	22 32	0 41	21 4	1 2	23 55	1 46	10 5	10 8	13 24		n.a.
T 28	8 59	19 59	2 9	1 12	1 34	16 24	0 37	25 7	1 52	18 1	0 36	21 57	1 17	22 31	0 41	21 4	1 2	23 55	1 46	10 5	10 7	13 27		n.a.
F 29	9 22	24 40	3 19	1 54	1 27	16 49	0 39	25 1	1 50	18 0	0 35	21 57	1 17	22 31	0 41	21 4	1 2	23 55	1 46	10 5	10 6	13 31		n.a.
S 30	9 45	27 38	4 15	2 35	1 21	17 14	0 41	24 56	1 49	17 58	0 35	21 57	1 17	22 31	0 41	21 4	1 2	23 56	1 46	10 5	10 4	13 34		n.a.
S 31	10s 8	28s43	4s54	3s17	1n14	17s39	0s44	24s50	1s47	17n56	0s35	21n56	1n17	22s31	0s41	21s 4	1s 2	23s56	1s46	10n 5	10n 3	13n37		n.a.

Julian Day Number = 1195736.5, Delta T = 09h27m37s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°56'03, Lahiri = -23°49'02 Julian Calendar 1 Oct. 1440 BCE == Greg. Calendar 18 Sept. 1440 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

NOVEMBER 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 49 40	26♎48'05	16♑50	12♎29	17♏20	15♑19	21°R34	29♋15	23♑ 8	2♒ 2	9♐ 0	25°R40	25♈31	3♉42	n.a.	M 1
T 2	1 53 37	27°49'19	0♒ 8	14° 0	18°35	16° 0	21♉27	29°18	23° 9	2° 2	9° 2	25°D40	25°27	3°49	n.a.	T 2
W 3	1 57 33	28°50'32	13° 4	15°31	19°50	16°42	21°20	29°20	23°10	2° 2	9° 3	25♈40	25°24	3°56	n.a.	W 3
T 4	2 1 30	29°51'47	25°39	17° 2	21° 5	17°23	21°13	29°22	23°11	2° 2	9° 5	25°40	25°21	4° 2	n.a.	T 4
F 5	2 5 26	0♏53'01	7♓59	18°34	22°20	18° 5	21° 6	29°24	23°12	2° 3	9° 6	25°40	25°18	4° 9	n.a.	F 5
S 6	2 9 23	1°54'16	20° 7	20° 5	23°35	18°46	20°59	29°25	23°13	2° 3	9° 8	25°41	25°15	4°16	n.a.	S 6
S 7	2 13 20	2°55'31	2♈ 5	21°37	24°50	19°28	20°51	29°27	23°14	2° 3	9°10	25°42	25°12	4°22	n.a.	S 7
M 8	2 17 16	3°56'46	13°57	23° 9	26° 5	20°10	20°44	29°29	23°15	2° 4	9°11	25°42	25° 8	4°29	n.a.	M 8
T 9	2 21 13	4°58'02	25°46	24°42	27°19	20°51	20°36	29°30	23°16	2° 4	9°13	25°R43	25° 5	4°36	n.a.	T 9
W10	2 25 9	5°59'18	7♉34	26°14	28°34	21°33	20°29	29°31	23°18	2° 5	9°15	25°42	25° 2	4°42	n.a.	W10
T 11	2 29 6	7° 0'35	19°23	27°47	29°49	22°14	20°21	29°33	23°19	2° 5	9°16	25°42	24°59	4°49	n.a.	T 11
F 12	2 33 2	8° 1'51	1♊14	29°20	1♐ 4	22°56	20°13	29°34	23°20	2° 6	9°18	25°40	24°56	4°56	n.a.	F 12
S 13	2 36 59	9° 3'09	13°11	0♏53	2°19	23°38	20° 5	29°35	23°22	2° 6	9°20	25°38	24°52	5° 2	n.a.	S 13
S 14	2 40 55	10° 4'26	25°16	2°26	3°33	24°19	19°57	29°36	23°23	2° 7	9°22	25°36	24°49	5° 9	n.a.	S 14
M15	2 44 52	11° 5'44	7♋31	4° 0	4°48	25° 1	19°49	29°37	23°25	2° 8	9°23	25°34	24°46	5°16	n.a.	M15
T 16	2 48 49	12° 7'03	19°59	5°34	6° 3	25°43	19°41	29°37	23°26	2° 8	9°25	25°32	24°43	5°22	n.a.	T 16
W17	2 52 45	13° 8'22	2♌44	7° 8	7°17	26°24	19°33	29°38	23°28	2° 9	9°27	25°30	24°40	5°29	n.a.	W17
T 18	2 56 42	14° 9'41	15°48	8°42	8°32	27° 6	19°25	29°38	23°29	2°10	9°29	25°D30	24°37	5°36	n.a.	T 18
F 19	3 0 38	15°11'00	29°15	10°17	9°47	27°48	19°17	29°39	23°31	2°11	9°31	25°31	24°33	5°42	n.a.	F 19
S 20	3 4 35	16°12'20	13♍ 7	11°51	11° 1	28°30	19° 9	29°39	23°33	2°12	9°32	25°32	24°30	5°49	n.a.	S 20
S 21	3 8 31	17°13'39	27°23	13°27	12°16	29°11	19° 1	29°39	23°35	2°12	9°34	25°33	24°27	5°55	n.a.	S 21
M22	3 12 28	18°14'59	12♎ 3	15° 2	13°31	29°53	18°53	29°R39	23°36	2°13	9°36	25°35	24°24	6° 2	n.a.	M22
T 23	3 16 25	19°16'19	27° 2	16°38	14°45	0♒35	18°45	29°39	23°38	2°14	9°38	25°R35	24°21	6° 9	n.a.	T 23
W24	3 20 21	20°17'39	12♏13	18°14	16° 0	1°17	18°37	29°39	23°40	2°15	9°40	25°34	24°18	6°15	n.a.	W24
T 25	3 24 18	21°18'59	27°25	19°51	17°14	1°58	18°28	29°39	23°42	2°16	9°42	25°32	24°14	6°22	n.a.	T 25
F 26	3 28 14	22°20'18	12♐30	21°27	18°29	2°40	18°20	29°38	23°44	2°17	9°44	25°29	24°11	6°29	n.a.	F 26
S 27	3 32 11	23°21'38	27°18	23° 5	19°43	3°22	18°12	29°38	23°46	2°18	9°46	25°25	24° 8	6°35	n.a.	S 27
S 28	3 36 7	24°22'56	11♑42	24°42	20°58	4° 4	18° 4	29°37	23°48	2°19	9°48	25°20	24° 5	6°42	n.a.	S 28
M29	3 40 4	25°24'14	25°38	26°20	22°12	4°45	17°56	29°37	23°50	2°20	9°49	25°16	24° 2	6°49	n.a.	M29
T 30	3 44 1	26♏25'31	9♒ 5	27♏59	23♐27	5♒27	17♉48	29♋36	23♑52	2♒22	9♐51	25♈14	23♈58	6♉55	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s31	27s59	5s14	3s59	1n 8	18s 3	0s46	24s44	1s46	17n55	0s35	21n56	1n18	22s31	0s41	21s 4	1s 2	23s56	1s46	10n 5	10n 2	13n40		n.a.
T 2	10 53	25 38	5 17	4 41	1 1	18 26	0 49	24 37	1 45	17 53	0 35	21 56	1 18	22 31	0 41	21 4	1 2	23 56	1 46	10 5	10 1	13 43		n.a.
W 3	11 15	22 2	5 4	5 23	0 54	18 50	0 51	24 31	1 43	17 51	0 35	21 56	1 18	22 30	0 41	21 4	1 2	23 57	1 46	10 5	10 0	13 46		n.a.
T 4	11 37	17 30	4 36	6 5	0 47	19 12	0 53	24 24	1 42	17 49	0 35	21 55	1 18	22 30	0 41	21 4	1 2	23 57	1 46	10 6	9 59	13 49		n.a.
F 5	11 59	12 21	3 55	6 46	0 41	19 34	0 55	24 17	1 41	17 48	0 35	21 55	1 19	22 30	0 41	21 4	1 2	23 57	1 46	10 6	9 57	13 52		n.a.
S 6	12 21	6 49	3 5	7 28	0 34	19 56	0 58	24 10	1 39	17 46	0 35	21 55	1 19	22 30	0 41	21 4	1 2	23 58	1 46	10 6	9 56	13 56		n.a.
S 7	12 42	1 6	2 8	8 10	0 27	20 17	1 0	24 3	1 38	17 44	0 35	21 55	1 19	22 30	0 41	21 3	1 2	23 58	1 46	10 6	9 55	13 59		n.a.
M 8	13 3	4n36	1 5	8 51	0 20	20 37	1 2	23 55	1 37	17 42	0 34	21 55	1 19	22 29	0 41	21 3	1 2	23 58	1 46	10 6	9 54	14 2		n.a.
T 9	13 24	10 8	0n 0	9 32	0 13	20 57	1 4	23 47	1 36	17 40	0 34	21 55	1 19	22 29	0 40	21 3	1 2	23 59	1 46	10 7	9 53	14 5		n.a.
W10	13 45	15 19	1 5	10 12	0 6	21 16	1 6	23 39	1 34	17 38	0 34	21 55	1 20	22 29	0 40	21 3	1 2	23 59	1 46	10 6	9 51	14 8		n.a.
T 11	14 6	19 56	2 8	10 52	0s 0	21 35	1 8	23 31	1 33	17 36	0 34	21 55	1 20	22 29	0 40	21 3	1 2	23 59	1 46	10 6	9 50	14 11		n.a.
F 12	14 26	23 47	3 5	11 32	0 7	21 53	1 10	23 23	1 32	17 34	0 34	21 55	1 20	22 28	0 40	21 3	1 2	24 0	1 46	10 6	9 49	14 14		n.a.
S 13	14 46	26 39	3 54	12 12	0 13	22 10	1 12	23 14	1 30	17 32	0 34	21 55	1 20	22 28	0 40	21 3	1 2	24 0	1 47	10 5	9 48	14 17		n.a.
S 14	15 6	28 20	4 33	12 51	0 20	22 27	1 14	23 6	1 29	17 30	0 34	21 55	1 21	22 28	0 40	21 2	1 2	24 0	1 47	10 4	9 47	14 20		n.a.
M15	15 25	28 39	5 1	13 29	0 26	22 43	1 16	22 57	1 28	17 28	0 34	21 55	1 21	22 27	0 40	21 2	1 2	24 1	1 47	10 3	9 46	14 23		n.a.
T 16	15 45	27 32	5 15	14 7	0 33	22 59	1 18	22 48	1 27	17 26	0 33	21 55	1 21	22 27	0 40	21 2	1 2	24 1	1 47	10 3	9 44	14 27		n.a.
W17	16 4	24 59	5 14	14 45	0 39	23 13	1 20	22 38	1 25	17 24	0 33	21 55	1 21	22 27	0 40	21 2	1 2	24 1	1 47	10 2	9 43	14 30		n.a.
T 18	16 22	21 5	4 57	15 22	0 45	23 28	1 21	22 29	1 24	17 22	0 33	21 55	1 21	22 27	0 40	21 2	1 2	24 2	1 47	10 2	9 42	14 33		n.a.
F 19	16 41	16 2	4 23	15 58	0 51	23 41	1 23	22 19	1 23	17 20	0 33	21 55	1 22	22 26	0 40	21 2	1 2	24 2	1 47	10 2	9 41	14 36		n.a.
S 20	16 59	10 1	3 34	16 34	0 57	23 54	1 25	22 10	1 22	17 18	0 33	21 55	1 22	22 26	0 40	21 1	1 2	24 2	1 47	10 3	9 40	14 39		n.a.
S 21	17 17	3 20	2 29	17 9	1 2	24 6	1 26	22 0	1 20	17 16	0 33	21 55	1 22	22 26	0 40	21 1	1 2	24 3	1 47	10 3	9 38	14 42		n.a.
M22	17 34	3s43	1 14	17 43	1 8	24 17	1 28	21 49	1 19	17 14	0 33	21 56	1 22	22 25	0 40	21 1	1 2	24 3	1 47	10 4	9 37	14 45		n.a.
T 23	17 51	10 43	0s 8	18 16	1 13	24 27	1 29	21 39	1 18	17 11	0 32	21 56	1 23	22 25	0 40	21 1	1 2	24 3	1 47	10 4	9 36	14 48		n.a.
W24	18 8	17 12	1 30	18 49	1 18	24 37	1 31	21 29	1 17	17 9	0 32	21 56	1 23	22 24	0 40	21 0	1 1	24 4	1 47	10 3	9 35	14 51		n.a.
T 25	18 25	22 38	2 46	19 21	1 23	24 46	1 32	21 18	1 15	17 7	0 32	21 56	1 23	22 24	0 40	21 0	1 1	24 4	1 47	10 3	9 34	14 54		n.a.
F 26	18 41	26 30	3 50	19 52	1 28	24 54	1 33	21 7	1 14	17 5	0 32	21 57	1 23	22 24	0 40	21 0	1 1	24 4	1 47	10 1	9 33	14 57		n.a.
S 27	18 57	28 27	4 37	20 22	1 32	25 2	1 35	20 56	1 13	17 3	0 32	21 57	1 23	22 23	0 40	21 0	1 1	24 5	1 47	10 0	9 31	15 0		n.a.
S 28	19 12	28 24	5 5	20 50	1 37	25 9	1 36	20 45	1 12	17 1	0 32	21 57	1 24	22 23	0 40	20 59	1 1	24 5	1 48	9 58	9 30	15 3		n.a.
M29	19 27	26 31	5 13	21 18	1 41	25 15	1 37	20 33	1 11	16 59	0 31	21 58	1 24	22 23	0 40	20 59	1 1	24 6	1 48	9 57	9 29	15 6		n.a.
T 30	19s42	23s11	5s 4	21s45	1s44	25s20	1s38	20s22	1s 9	16n57	0s31	21n58	1n24	22s22	0s40	20s59	1s 1	24s 6	1s48	9n56	9n28	15n 9		n.a.

Julian Day Number = 1195767.5, Delta T = 09h27m35s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'59, Lahiri = -23°48'58 Julian Calendar 1 Nov. 1440 BCE == Greg. Calendar 19 Oct. 1440 BCE

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ASTRODIENST EPHEMERIS for the year 1440 BCE
geocentric

DECEMBER 1440 BCE (-1439) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 47 57	27♏26'48	22♒ 5	29♏38	24♐41	6♒ 9	17°R40	29°R35	23♑55	2♒23	9♐53	25°D12	23♈55	7♉ 2	n.a.	W 1
T 2	3 51 54	28°28'03	4♓41	1♐17	25°55	6°51	17♉32	29♋34	23°57	2°24	9°55	25♈12	23°52	7° 9	n.a.	T 2
F 3	3 55 50	29°29'18	16°58	2°57	27°10	7°32	17°25	29°33	23°59	2°25	9°57	25°14	23°49	7°15	n.a.	F 3
S 4	3 59 47	0♐30'32	29° 1	4°37	28°24	8°14	17°17	29°31	24° 2	2°26	9°59	25°15	23°46	7°22	n.a.	S 4
S 5	4 3 43	1°31'45	10♈53	6°18	29°38	8°56	17° 9	29°30	24° 4	2°28	10° 1	25°17	23°43	7°29	n.a.	S 5
M 6	4 7 40	2°32'57	22°41	7°59	0♑52	9°38	17° 2	29°29	24° 6	2°29	10° 3	25°R18	23°39	7°35	n.a.	M 6
T 7	4 11 36	3°34'08	4♉27	9°40	2° 7	10°19	16°54	29°27	24° 9	2°30	10° 5	25°18	23°36	7°42	n.a.	T 7
W 8	4 15 33	4°35'18	16°16	11°22	3°21	11° 1	16°47	29°25	24°11	2°32	10° 7	25°15	23°33	7°48	n.a.	W 8
T 9	4 19 30	5°36'27	28° 9	13° 4	4°35	11°43	16°39	29°24	24°14	2°33	10° 9	25°11	23°30	7°55	n.a.	T 9
F 10	4 23 26	6°37'36	10♊ 9	14°47	5°49	12°24	16°32	29°22	24°16	2°35	10°11	25° 5	23°27	8° 2	n.a.	F 10
S 11	4 27 23	7°38'44	22°17	16°29	7° 3	13° 6	16°25	29°20	24°19	2°36	10°13	24°57	23°24	8° 8	n.a.	S 11
S 12	4 31 19	8°39'51	4♋34	18°12	8°17	13°48	16°18	29°18	24°21	2°38	10°15	24°48	23°20	8°15	n.a.	S 12
M13	4 35 16	9°40'57	17° 2	19°55	9°31	14°29	16°11	29°16	24°24	2°39	10°17	24°40	23°17	8°22	n.a.	M13
T 14	4 39 12	10°42'02	29°41	21°38	10°45	15°11	16° 4	29°13	24°27	2°41	10°19	24°32	23°14	8°28	n.a.	T 14
W15	4 43 9	11°43'07	12♌33	23°21	11°59	15°53	15°58	29°11	24°29	2°42	10°21	24°27	23°11	8°35	n.a.	W15
T 16	4 47 6	12°44'10	25°39	25° 3	13°13	16°34	15°51	29° 8	24°32	2°44	10°23	24°23	23° 8	8°42	n.a.	T 16
F 17	4 51 2	13°45'13	9♍ 2	26°45	14°26	17°16	15°45	29° 6	24°35	2°45	10°25	24°D21	23° 4	8°48	n.a.	F 17
S 18	4 54 59	14°46'15	22°43	28°26	15°40	17°57	15°38	29° 3	24°38	2°47	10°27	24°21	23° 1	8°55	n.a.	S 18
S 19	4 58 55	15°47'16	6♎43	0♑ 6	16°54	18°39	15°32	29° 1	24°40	2°49	10°29	24°22	22°58	9° 2	n.a.	S 19
M20	5 2 52	16°48'16	21° 3	1°44	18° 8	19°21	15°26	28°58	24°43	2°50	10°31	24°R23	22°55	9° 8	n.a.	M20
T 21	5 6 48	17°49'15	5♏40	3°21	19°21	20° 2	15°20	28°55	24°46	2°52	10°33	24°23	22°52	9°15	n.a.	T 21
W22	5 10 45	18°50'13	20°31	4°56	20°35	20°44	15°15	28°52	24°49	2°54	10°35	24°20	22°49	9°22	n.a.	W22
T 23	5 14 41	19°51'11	5♐28	6°28	21°48	21°25	15° 9	28°49	24°52	2°56	10°37	24°15	22°45	9°28	n.a.	T 23
F 24	5 18 38	20°52'07	20°25	7°57	23° 2	22° 7	15° 4	28°46	24°55	2°57	10°38	24° 7	22°42	9°35	n.a.	F 24
S 25	5 22 35	21°53'01	5♑10	9°22	24°15	22°48	14°58	28°42	24°58	2°59	10°40	23°58	22°39	9°42	n.a.	S 25
S 26	5 26 31	22°53'54	19°37	10°42	25°29	23°30	14°53	28°39	25° 1	3° 1	10°42	23°48	22°36	9°48	n.a.	S 26
M27	5 30 28	23°54'46	3♒39	11°58	26°42	24°11	14°48	28°36	25° 4	3° 3	10°44	23°39	22°33	9°55	n.a.	M27
T 28	5 34 24	24°55'36	17°13	13° 8	27°55	24°52	14°44	28°32	25° 7	3° 5	10°46	23°31	22°30	10° 2	n.a.	T 28
W29	5 38 21	25°56'24	0♓20	14°11	29° 9	25°34	14°39	28°29	25°10	3° 7	10°48	23°25	22°26	10° 8	n.a.	W29
T 30	5 42 17	26°57'10	13° 1	15° 6	0♒22	26°15	14°35	28°25	25°13	3° 9	10°50	23°22	22°23	10°15	n.a.	T 30
F 31	5 46 14	27♐57'54	25♓20	15♑54	1♒35	26♒57	14♉31	28♋21	25♑16	3♒10	10♐52	23°D21	22♈20	10♉22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19s56	18s48	4s40	22s11	1s48	25s24	1s39	20s10	1s 8	16n55	0s31	21n59	1n24	22s22	0s40	20s59	1s 1	24s 6	1s48	9n55	9n27	15n12			n.a.
T 2	20 10	13 42	4 2	22 35	1 51	25 28	1 40	19 58	1 7	16 52	0 31	21 59	1 25	22 21	0 40	20 58	1 1	24 7	1 48	9 55	9 25	15 15			n.a.
F 3	20 24	8 12	3 14	22 59	1 54	25 31	1 41	19 46	1 6	16 50	0 31	21 59	1 25	22 21	0 40	20 58	1 1	24 7	1 48	9 56	9 24	15 18			n.a.
S 4	20 37	2 31	2 19	23 20	1 56	25 33	1 41	19 34	1 5	16 48	0 31	22 0	1 25	22 20	0 40	20 58	1 1	24 7	1 48	9 56	9 23	15 22			n.a.
S 5	20 50	3n12	1 18	23 41	1 58	25 34	1 42	19 22	1 4	16 46	0 30	22 0	1 25	22 20	0 40	20 57	1 1	24 8	1 48	9 57	9 22	15 25			n.a.
M 6	21 2	8 45	0 14	24 0	2 0	25 34	1 43	19 10	1 3	16 44	0 30	22 1	1 25	22 20	0 40	20 57	1 1	24 8	1 48	9 57	9 21	15 28			n.a.
T 7	21 15	14 1	0n50	24 17	2 1	25 34	1 43	18 57	1 1	16 42	0 30	22 1	1 26	22 19	0 40	20 57	1 1	24 9	1 48	9 57	9 19	15 31			n.a.
W 8	21 26	18 47	1 52	24 33	2 2	25 33	1 44	18 44	1 0	16 40	0 30	22 2	1 26	22 19	0 40	20 56	1 1	24 9	1 48	9 56	9 18	15 34			n.a.
T 9	21 37	22 51	2 49	24 48	2 2	25 31	1 44	18 32	0 59	16 38	0 30	22 3	1 26	22 18	0 40	20 56	1 1	24 9	1 48	9 55	9 17	15 37			n.a.
F 10	21 48	25 59	3 39	25 0	2 2	25 28	1 44	18 19	0 58	16 36	0 29	22 3	1 26	22 18	0 40	20 56	1 1	24 10	1 48	9 52	9 16	15 40			n.a.
S 11	21 58	27 58	4 20	25 11	2 2	25 25	1 45	18 5	0 57	16 35	0 29	22 4	1 27	22 17	0 40	20 55	1 1	24 10	1 49	9 50	9 15	15 43			n.a.
S 12	22 8	28 36	4 49	25 20	2 1	25 21	1 45	17 52	0 56	16 33	0 29	22 5	1 27	22 17	0 40	20 55	1 1	24 10	1 49	9 46	9 13	15 46			n.a.
M13	22 18	27 48	5 5	25 27	1 59	25 16	1 45	17 39	0 55	16 31	0 29	22 5	1 27	22 16	0 40	20 54	1 1	24 11	1 49	9 43	9 12	15 49			n.a.
T 14	22 27	25 34	5 7	25 32	1 57	25 10	1 45	17 25	0 54	16 29	0 29	22 6	1 27	22 16	0 40	20 54	1 1	24 11	1 49	9 40	9 11	15 52			n.a.
W15	22 36	22 1	4 53	25 35	1 54	25 3	1 45	17 12	0 53	16 27	0 28	22 7	1 27	22 15	0 40	20 54	1 1	24 12	1 49	9 38	9 10	15 55			n.a.
T 16	22 44	17 19	4 24	25 37	1 50	24 56	1 45	16 58	0 51	16 26	0 28	22 7	1 28	22 15	0 40	20 53	1 1	24 12	1 49	9 37	9 9	15 58			n.a.
F 17	22 51	11 42	3 40	25 36	1 46	24 48	1 44	16 44	0 50	16 24	0 28	22 8	1 28	22 14	0 40	20 53	1 1	24 12	1 49	9 36	9 7	16 1			n.a.
S 18	22 59	5 25	2 42	25 32	1 41	24 39	1 44	16 30	0 49	16 22	0 28	22 9	1 28	22 14	0 40	20 53	1 1	24 13	1 49	9 36	9 6	16 4			n.a.
S 19	23 6	1s17	1 34	25 27	1 35	24 29	1 44	16 16	0 48	16 21	0 28	22 10	1 28	22 13	0 40	20 52	1 1	24 13	1 49	9 37	9 5	16 7			n.a.
M20	23 12	8 5	0 18	25 20	1 29	24 19	1 43	16 2	0 47	16 19	0 27	22 10	1 28	22 13	0 40	20 52	1 1	24 13	1 49	9 37	9 4	16 10			n.a.
T 21	23 18	14 35	1s 0	25 11	1 21	24 8	1 43	15 48	0 46	16 18	0 27	22 11	1 29	22 12	0 39	20 51	1 1	24 14	1 49	9 37	9 3	16 13			n.a.
W22	23 23	20 22	2 16	24 59	1 13	23 56	1 42	15 33	0 45	16 16	0 27	22 12	1 29	22 12	0 39	20 51	1 1	24 14	1 50	9 36	9 1	16 15			n.a.
T 23	23 28	24 54	3 22	24 46	1 4	23 44	1 41	15 19	0 44	16 15	0 27	22 13	1 29	22 11	0 39	20 50	1 1	24 15	1 50	9 34	9 0	16 18			n.a.
F 24	23 33	27 44	4 14	24 31	0 54	23 31	1 41	15 4	0 43	16 13	0 27	22 14	1 29	22 10	0 39	20 50	1 1	24 15	1 50	9 31	8 59	16 21			n.a.
S 25	23 37	28 34	4 49	24 14	0 43	23 17	1 40	14 49	0 42	16 12	0 26	22 15	1 29	22 10	0 39	20 50	1 1	24 15	1 50	9 28	8 58	16 24			n.a.
S 26	23 40	27 25	5 4	23 56	0 31	23 2	1 39	14 34	0 41	16 10	0 26	22 15	1 30	22 9	0 39	20 49	1 1	24 16	1 50	9 24	8 57	16 27			n.a.
M27	23 43	24 32	5 0	23 37	0 18	22 47	1 38	14 19	0 40	16 9	0 26	22 16	1 30	22 9	0 39	20 49	1 1	24 16	1 50	9 20	8 55	16 30			n.a.
T 28	23 46	20 22	4 39	23 16	0 4	22 31	1 37	14 4	0 39	16 8	0 26	22 17	1 30	22 8	0 39	20 48	1 1	24 16	1 50	9 17	8 54	16 33			n.a.
W29	23 48	15 21	4 4	22 55	0n11	22 15	1 35	13 49	0 38	16 7	0 26	22 18	1 30	22 8	0 39	20 48	1 1	24 17	1 50	9 15	8 53	16 36			n.a.
T 30	23 50	9 50	3 18	22 34	0 26	21 58	1 34	13 34	0 37	16 6	0 25	22 19	1 30	22 7	0 39	20 47	1 1	24 17	1 50	9 14	8 52	16 39			n.a.
F 31	23s51	4s 5	2s24	22s12	0n42	21s40	1s33	13s19	0s36	16n 5	0s25	22n20	1n31	22s 6	0s39	20s47	1s 1	24s18	1s50	9n14	8n51	16n42			n.a.

Julian Day Number = 1195797.5, Delta T = 09h27m33s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'54, Lahiri = -23°48'54 Julian Calendar 1 Dec. 1440 BCE == Greg. Calendar 18 Nov. 1440 BCE

The year -1439 astronomical counting style corresponds to year 1440 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

JANUARY 1439 BCE (-1438) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 50 11	28♐58'36	7♈24	16♑33	2♒48	27♒38	14°R27	28°R18	25♑20	3♒12	10♐54	23♈21	22♈17	10♉28	n.a.	S 1
S 2	5 54 7	29°59'17	19°16	17° 2	4° 1	28°19	14♉23	28♋14	25°23	3°14	10°56	23°R22	22°14	10°35	n.a.	S 2
M 3	5 58 4	0♑59'56	1♉ 3	17°21	5°14	29° 1	14°19	28°10	25°26	3°16	10°58	23°22	22°10	10°41	n.a.	M 3
T 4	6 2 0	2° 0'33	12°50	17°R30	6°27	29°42	14°16	28° 6	25°29	3°18	11° 0	23°20	22° 7	10°48	n.a.	T 4
W 5	6 5 57	3° 1'08	24°41	17°29	7°40	0♓23	14°13	28° 2	25°32	3°20	11° 1	23°15	22° 4	10°55	n.a.	W 5
T 6	6 9 53	4° 1'41	6♊40	17°16	8°52	1° 4	14°10	27°58	25°36	3°22	11° 3	23° 8	22° 1	11° 1	n.a.	T 6
F 7	6 13 50	5° 2'12	18°49	16°54	10° 5	1°46	14° 7	27°54	25°39	3°24	11° 5	22°58	21°58	11° 8	n.a.	F 7
S 8	6 17 46	6° 2'42	1♋10	16°22	11°18	2°27	14° 4	27°50	25°42	3°26	11° 7	22°46	21°55	11°15	n.a.	S 8
S 9	6 21 43	7° 3'10	13°44	15°41	12°30	3° 8	14° 1	27°45	25°45	3°29	11° 9	22°33	21°51	11°21	n.a.	S 9
M10	6 25 40	8° 3'35	26°30	14°52	13°42	3°49	13°59	27°41	25°49	3°31	11°11	22°20	21°48	11°28	n.a.	M10
T 11	6 29 36	9° 4'00	9♌29	13°57	14°55	4°30	13°57	27°37	25°52	3°33	11°12	22° 8	21°45	11°35	n.a.	T 11
W12	6 33 33	10° 4'22	22°39	12°56	16° 7	5°11	13°55	27°32	25°55	3°35	11°14	21°58	21°42	11°41	n.a.	W12
T 13	6 37 29	11° 4'43	5♍59	11°52	17°19	5°52	13°53	27°28	25°59	3°37	11°16	21°51	21°39	11°48	n.a.	T 13
F 14	6 41 26	12° 5'02	19°31	10°47	18°31	6°33	13°52	27°24	26° 2	3°39	11°18	21°47	21°36	11°55	n.a.	F 14
S 15	6 45 22	13° 5'19	3♎13	9°41	19°43	7°14	13°51	27°19	26° 5	3°41	11°19	21°45	21°32	12° 1	n.a.	S 15
S 16	6 49 19	14° 5'35	17° 7	8°37	20°55	7°55	13°50	27°14	26° 9	3°43	11°21	21°45	21°29	12° 8	n.a.	S 16
M17	6 53 15	15° 5'49	1♏13	7°35	22° 7	8°36	13°49	27°10	26°12	3°46	11°23	21°45	21°26	12°15	n.a.	M17
T 18	6 57 12	16° 6'01	15°30	6°38	23°19	9°17	13°48	27° 5	26°15	3°48	11°24	21°44	21°23	12°21	n.a.	T 18
W19	7 1 9	17° 6'12	29°57	5°46	24°30	9°58	13°47	27° 1	26°19	3°50	11°26	21°40	21°20	12°28	n.a.	W19
T 20	7 5 5	18° 6'21	14♐29	5° 0	25°42	10°39	13°47	26°56	26°22	3°52	11°28	21°33	21°16	12°35	n.a.	T 20
F 21	7 9 2	19° 6'29	29° 1	4°20	26°53	11°20	13°D47	26°51	26°26	3°54	11°29	21°23	21°13	12°41	n.a.	F 21
S 22	7 12 58	20° 6'34	13♑27	3°47	28° 5	12° 1	13°47	26°47	26°29	3°57	11°31	21°12	21°10	12°48	n.a.	S 22
S 23	7 16 55	21° 6'38	27°39	3°21	29°16	12°41	13°47	26°42	26°32	3°59	11°33	20°59	21° 7	12°55	n.a.	S 23
M24	7 20 51	22° 6'39	11♒33	3° 2	0♓27	13°22	13°48	26°37	26°36	4° 1	11°34	20°47	21° 4	13° 1	n.a.	M24
T 25	7 24 48	23° 6'38	25° 3	2°49	1°38	14° 3	13°48	26°33	26°39	4° 3	11°36	20°37	21° 1	13° 8	n.a.	T 25
W26	7 28 44	24° 6'35	8♓ 9	2°D44	2°49	14°44	13°49	26°28	26°43	4° 6	11°37	20°28	20°57	13°15	n.a.	W26
T 27	7 32 41	25° 6'29	20°52	2°44	4° 0	15°25	13°50	26°23	26°46	4° 8	11°39	20°23	20°54	13°21	n.a.	T 27
F 28	7 36 38	26° 6'21	3♈14	2°51	5°11	16° 5	13°52	26°19	26°50	4°10	11°41	20°20	20°51	13°28	n.a.	F 28
S 29	7 40 34	27° 6'10	15°20	3° 4	6°22	16°46	13°53	26°14	26°53	4°12	11°42	20°20	20°48	13°35	n.a.	S 29
S 30	7 44 31	28° 5'58	27°14	3°22	7°32	17°26	13°55	26° 9	26°56	4°15	11°43	20°20	20°45	13°41	n.a.	S 30
M31	7 48 27	29♑ 5'42	9♉ 3	3♑45	8♓42	18♓ 7	13♉57	26♋ 4	27♑ 0	4♒17	11♐45	20♈19	20♈42	13♉48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s52	1n42	1s24	21s51	0n59	21s22	1s31	13s 4	0s35	16n 4	0s25	22n21	1n31	22s 6	0s39	20s46	1s 1	24s18	1s50	9n14	8n49	16n45		n.a.
S 2	23 52	7 20	0 22	21 30	1 16	21 3	1 30	12 48	0 34	16 3	0 25	22 22	1 31	22 5	0 39	20 46	1 1	24 18	1 51	9 14	8 48	16 48		n.a.
M 3	23 52	12 41	0n41	21 10	1 34	20 43	1 28	12 33	0 33	16 2	0 25	22 23	1 31	22 5	0 39	20 45	1 1	24 19	1 51	9 14	8 47	16 51		n.a.
T 4	23 51	17 35	1 42	20 52	1 51	20 23	1 26	12 17	0 32	16 1	0 24	22 24	1 31	22 4	0 39	20 45	1 1	24 19	1 51	9 13	8 46	16 54		n.a.
W 5	23 50	21 50	2 38	20 35	2 8	20 3	1 25	12 1	0 31	16 0	0 24	22 25	1 31	22 3	0 39	20 44	1 1	24 19	1 51	9 12	8 45	16 57		n.a.
T 6	23 48	25 14	3 29	20 20	2 25	19 41	1 23	11 45	0 30	16 0	0 24	22 26	1 32	22 3	0 39	20 44	1 1	24 20	1 51	9 9	8 43	17 0		n.a.
F 7	23 46	27 32	4 10	20 7	2 41	19 20	1 21	11 30	0 29	15 59	0 24	22 27	1 32	22 2	0 39	20 43	1 1	24 20	1 51	9 5	8 42	17 3		n.a.
S 8	23 43	28 32	4 40	19 56	2 56	18 58	1 19	11 14	0 29	15 58	0 23	22 28	1 32	22 1	0 39	20 43	1 1	24 21	1 51	9 1	8 41	17 5		n.a.
S 9	23 40	28 4	4 57	19 47	3 10	18 35	1 17	10 58	0 28	15 58	0 23	22 29	1 32	22 1	0 39	20 42	1 1	24 21	1 51	8 56	8 40	17 8		n.a.
M10	23 37	26 8	5 0	19 40	3 22	18 12	1 15	10 42	0 27	15 57	0 23	22 30	1 32	22 0	0 39	20 42	1 1	24 21	1 51	8 51	8 39	17 11		n.a.
T 11	23 33	22 48	4 47	19 36	3 33	17 48	1 12	10 26	0 26	15 57	0 23	22 31	1 32	22 0	0 39	20 41	1 1	24 22	1 52	8 46	8 37	17 14		n.a.
W12	23 29	18 17	4 19	19 33	3 41	17 24	1 10	10 10	0 25	15 56	0 23	22 32	1 32	21 59	0 39	20 41	1 1	24 22	1 52	8 42	8 36	17 17		n.a.
T 13	23 24	12 49	3 37	19 33	3 48	17 0	1 8	9 53	0 24	15 56	0 22	22 33	1 33	21 58	0 39	20 40	1 1	24 22	1 52	8 40	8 35	17 20		n.a.
F 14	23 18	6 42	2 42	19 34	3 52	16 35	1 5	9 37	0 23	15 56	0 22	22 34	1 33	21 58	0 39	20 40	1 1	24 23	1 52	8 38	8 34	17 23		n.a.
S 15	23 13	0 10	1 36	19 37	3 54	16 9	1 3	9 21	0 22	15 56	0 22	22 35	1 33	21 57	0 39	20 39	1 1	24 23	1 52	8 37	8 33	17 26		n.a.
S 16	23 6	6s28	0 24	19 42	3 53	15 43	1 0	9 5	0 21	15 55	0 22	22 36	1 33	21 56	0 39	20 39	1 1	24 24	1 52	8 37	8 31	17 29		n.a.
M17	23 0	12 53	0s50	19 48	3 51	15 17	0 57	8 48	0 20	15 55	0 22	22 37	1 33	21 56	0 39	20 38	1 1	24 24	1 52	8 37	8 30	17 31		n.a.
T 18	22 53	18 43	2 2	19 56	3 46	14 51	0 55	8 32	0 20	15 55	0 21	22 38	1 33	21 55	0 39	20 38	1 1	24 24	1 52	8 37	8 29	17 34		n.a.
W19	22 45	23 33	3 7	20 4	3 40	14 24	0 52	8 15	0 19	15 55	0 21	22 39	1 33	21 54	0 39	20 37	1 1	24 25	1 52	8 35	8 28	17 37		n.a.
T 20	22 37	26 55	4 0	20 14	3 32	13 57	0 49	7 59	0 18	15 55	0 21	22 40	1 33	21 54	0 39	20 37	1 1	24 25	1 53	8 33	8 27	17 40		n.a.
F 21	22 29	28 30	4 38	20 24	3 23	13 29	0 46	7 42	0 17	15 56	0 21	22 41	1 34	21 53	0 39	20 36	1 1	24 25	1 53	8 29	8 25	17 43		n.a.
S 22	22 20	28 6	4 57	20 35	3 13	13 1	0 43	7 26	0 16	15 56	0 21	22 42	1 34	21 52	0 39	20 36	1 1	24 26	1 53	8 25	8 24	17 46		n.a.
S 23	22 11	25 52	4 58	20 47	3 2	12 33	0 40	7 9	0 15	15 56	0 20	22 43	1 34	21 52	0 39	20 35	1 1	24 26	1 53	8 20	8 23	17 49		n.a.
M24	22 1	22 7	4 41	20 59	2 51	12 5	0 37	6 52	0 14	15 56	0 20	22 44	1 34	21 51	0 39	20 35	1 1	24 26	1 53	8 15	8 22	17 52		n.a.
T 25	21 51	17 17	4 8	21 12	2 39	11 36	0 33	6 36	0 14	15 57	0 20	22 45	1 34	21 50	0 39	20 34	1 1	24 27	1 53	8 11	8 20	17 54		n.a.
W26	21 40	11 47	3 23	21 24	2 26	11 7	0 30	6 19	0 13	15 57	0 20	22 46	1 34	21 50	0 39	20 34	1 1	24 27	1 53	8 8	8 19	17 57		n.a.
T 27	21 30	5 58	2 29	21 37	2 13	10 38	0 27	6 2	0 12	15 58	0 20	22 47	1 34	21 49	0 39	20 33	1 1	24 27	1 53	8 6	8 18	18 0		n.a.
F 28	21 18	0 3	1 29	21 50	2 0	10 8	0 23	5 45	0 11	15 58	0 19	22 48	1 34	21 48	0 39	20 33	1 1	24 28	1 54	8 5	8 17	18 3		n.a.
S 29	21 7	5n44	0 26	22 2	1 47	9 39	0 20	5 28	0 10	15 59	0 19	22 49	1 34	21 48	0 39	20 32	1 1	24 28	1 54	8 5	8 16	18 6		n.a.
S 30	20 55	11 14	0n37	22 15	1 35	9 9	0 16	5 12	0 10	16 0	0 19	22 50	1 34	21 47	0 39	20 31	1 1	24 28	1 54	8 5	8 14	18 9		n.a.
M31	20s42	16n18	1n38	22s27	1n22	8s39	0s13	4s55	0s 9	16n 0	0s19	22n51	1n35	21s46	0s39	20s31	1s 1	24s29	1s54	8n 5	8n13	18n11		n.a.

Julian Day Number = 1195828.5, Delta T = 09h27m31s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'50, Lahiri = -23°48'50 Julian Calendar 1 Jan. 1439 BCE == Greg. Calendar 19 Dec. 1440 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

FEBRUARY 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 52 24	0♒ 5'25	20♉51	4♋13	9♓53	18♓48	13♉59	26°R 0	27♋ 3	4♒19	11♐46	20°R18	20♈38	13♉55	n.a.	T 1
W 2	7 56 20	1° 5'05	2♊45	4°46	11° 3	19°28	14° 1	25♋55	27° 7	4°21	11°48	20♈14	20°35	14° 1	n.a.	W 2
T 3	8 0 17	2° 4'43	14°48	5°23	12°13	20° 9	14° 3	25°50	27°10	4°24	11°49	20° 7	20°32	14° 8	n.a.	T 3
F 4	8 4 13	3° 4'18	27° 4	6° 4	13°23	20°49	14° 6	25°46	27°13	4°26	11°51	19°58	20°29	14°14	n.a.	F 4
S 5	8 8 10	4° 3'51	9♋37	6°48	14°32	21°30	14° 9	25°41	27°17	4°28	11°52	19°47	20°26	14°21	n.a.	S 5
S 6	8 12 7	5° 3'22	22°26	7°37	15°42	22°10	14°12	25°36	27°20	4°30	11°53	19°34	20°22	14°28	n.a.	S 6
M 7	8 16 3	6° 2'50	5♌31	8°28	16°51	22°51	14°15	25°32	27°24	4°33	11°55	19°22	20°19	14°34	n.a.	M 7
T 8	8 20 0	7° 2'16	18°52	9°23	18° 1	23°31	14°18	25°27	27°27	4°35	11°56	19°10	20°16	14°41	n.a.	T 8
W 9	8 23 56	8° 1'40	2♍26	10°20	19°10	24°11	14°22	25°22	27°30	4°37	11°57	19° 1	20°13	14°48	n.a.	W 9
T 10	8 27 53	9° 1'02	16°10	11°21	20°19	24°52	14°25	25°18	27°34	4°40	11°58	18°54	20°10	14°54	n.a.	T 10
F 11	8 31 49	10° 0'22	0♎ 2	12°24	21°28	25°32	14°29	25°13	27°37	4°42	12° 0	18°51	20° 7	15° 1	n.a.	F 11
S 12	8 35 46	10°59'40	14° 0	13°29	22°36	26°12	14°33	25° 9	27°41	4°44	12° 1	18°D49	20° 3	15° 8	n.a.	S 12
S 13	8 39 42	11°58'56	28° 2	14°37	23°45	26°52	14°37	25° 5	27°44	4°46	12° 2	18°49	20° 0	15°14	n.a.	S 13
M14	8 43 39	12°58'10	12♏ 8	15°47	24°53	27°33	14°42	25° 0	27°47	4°49	12° 3	18°R50	19°57	15°21	n.a.	M14
T 15	8 47 35	13°57'22	26°16	16°59	26° 1	28°13	14°46	24°56	27°51	4°51	12° 4	18°49	19°54	15°28	n.a.	T 15
W16	8 51 32	14°56'33	10♐25	18°13	27° 9	28°53	14°51	24°52	27°54	4°53	12° 5	18°46	19°51	15°34	n.a.	W16
T 17	8 55 29	15°55'41	24°34	19°29	28°17	29°33	14°56	24°47	27°57	4°55	12° 6	18°41	19°48	15°41	n.a.	T 17
F 18	8 59 25	16°54'48	8♑39	20°47	29°25	0♈13	15° 1	24°43	28° 1	4°58	12° 7	18°34	19°44	15°48	n.a.	F 18
S 19	9 3 22	17°53'53	22°37	22° 7	0♈32	0°53	15° 6	24°39	28° 4	5° 0	12° 8	18°25	19°41	15°54	n.a.	S 19
S 20	9 7 18	18°52'55	6♒24	23°29	1°40	1°33	15°11	24°35	28° 7	5° 2	12° 9	18°15	19°38	16° 1	n.a.	S 20
M21	9 11 15	19°51'55	19°56	24°52	2°47	2°13	15°17	24°31	28°10	5° 4	12°10	18° 5	19°35	16° 8	n.a.	M21
T 22	9 15 11	20°50'53	3♓11	26°18	3°54	2°53	15°23	24°27	28°14	5° 6	12°11	17°56	19°32	16°14	n.a.	T 22
W23	9 19 8	21°49'49	16° 6	27°44	5° 1	3°33	15°28	24°23	28°17	5° 9	12°12	17°49	19°28	16°21	n.a.	W23
T 24	9 23 4	22°48'43	28°43	29°13	6° 7	4°13	15°34	24°19	28°20	5°11	12°13	17°45	19°25	16°28	n.a.	T 24
F 25	9 27 1	23°47'34	11♈ 2	0♒43	7°13	4°53	15°41	24°15	28°23	5°13	12°14	17°43	19°22	16°34	n.a.	F 25
S 26	9 30 57	24°46'23	23° 7	2°14	8°19	5°33	15°47	24°11	28°26	5°15	12°15	17°D43	19°19	16°41	n.a.	S 26
S 27	9 34 54	25°45'09	5♉ 3	3°48	9°25	6°13	15°53	24° 8	28°29	5°17	12°16	17°44	19°16	16°48	n.a.	S 27
M28	9 38 51	26♒43'53	16♉52	5♒22	10♈31	6♈53	16♉ 0	24♋ 4	28♋33	5♒20	12♐17	17♈45	19♈13	16♉54	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s29	20n46	2n34	22s39	1n 9	8s 8	0s 9	4s38	0s 8	16n 1	0s19	22n52	1n35	21s46	0s39	20s30	1s 1	24s29	1s54	8n 4	8n12	18n14		n.a.
W 2	20 16	24 25	3 25	22 50	0 57	7 38	0 5	4 21	0 7	16 2	0 18	22 53	1 35	21 45	0 39	20 30	1 1	24 29	1 54	8 2	8 11	18 17		n.a.
T 3	20 3	27 4	4 6	23 1	0 45	7 7	0 1	4 4	0 6	16 3	0 18	22 54	1 35	21 44	0 39	20 29	1 1	24 30	1 54	8 0	8 10	18 20		n.a.
F 4	19 49	28 28	4 38	23 11	0 33	6 37	0n 2	3 47	0 6	16 4	0 18	22 55	1 35	21 44	0 39	20 29	1 1	24 30	1 54	7 56	8 8	18 23		n.a.
S 5	19 35	28 26	4 56	23 20	0 21	6 6	0 6	3 30	0 5	16 5	0 18	22 56	1 35	21 43	0 39	20 28	1 1	24 30	1 55	7 52	8 7	18 25		n.a.
S 6	19 20	26 54	5 1	23 28	0 10	5 35	0 10	3 13	0 4	16 6	0 18	22 57	1 35	21 42	0 39	20 28	1 1	24 31	1 55	7 47	8 6	18 28		n.a.
M 7	19 6	23 54	4 49	23 36	0s 1	5 4	0 14	2 56	0 3	16 7	0 17	22 58	1 35	21 42	0 39	20 27	1 1	24 31	1 55	7 43	8 5	18 31		n.a.
T 8	18 51	19 34	4 22	23 43	0 11	4 33	0 18	2 39	0 3	16 8	0 17	22 59	1 35	21 41	0 39	20 27	1 1	24 31	1 55	7 38	8 3	18 34		n.a.
W 9	18 35	14 12	3 40	23 49	0 21	4 2	0 22	2 23	0 2	16 10	0 17	23 0	1 35	21 40	0 39	20 26	1 1	24 32	1 55	7 35	8 2	18 37		n.a.
T 10	18 19	8 4	2 44	23 53	0 31	3 30	0 26	2 6	0 1	16 11	0 17	23 1	1 35	21 40	0 39	20 25	1 1	24 32	1 55	7 32	8 1	18 39		n.a.
F 11	18 3	1 29	1 38	23 57	0 40	2 59	0 30	1 49	0 0	16 12	0 17	23 2	1 35	21 39	0 39	20 25	1 1	24 32	1 55	7 31	8 0	18 42		n.a.
S 12	17 47	5s14	0 26	23 59	0 49	2 28	0 34	1 32	0n 0	16 14	0 17	23 3	1 35	21 38	0 39	20 24	1 1	24 32	1 56	7 30	7 59	18 45		n.a.
S 13	17 30	11 43	0s49	24 0	0 58	1 56	0 38	1 15	0 1	16 15	0 16	23 4	1 35	21 38	0 39	20 24	1 1	24 33	1 56	7 30	7 57	18 48		n.a.
M14	17 13	17 40	2 1	24 0	1 6	1 25	0 43	0 58	0 2	16 17	0 16	23 4	1 35	21 37	0 39	20 23	1 1	24 33	1 56	7 30	7 56	18 50		n.a.
T 15	16 56	22 40	3 5	23 59	1 14	0 54	0 47	0 41	0 3	16 18	0 16	23 5	1 35	21 36	0 39	20 23	1 1	24 33	1 56	7 30	7 55	18 53		n.a.
W16	16 38	26 21	3 59	23 56	1 21	0 22	0 51	0 24	0 3	16 20	0 16	23 6	1 35	21 36	0 39	20 22	1 1	24 34	1 56	7 29	7 54	18 56		n.a.
T 17	16 21	28 22	4 38	23 52	1 28	0n 9	0 55	0 7	0 4	16 21	0 16	23 7	1 35	21 35	0 39	20 22	1 1	24 34	1 56	7 27	7 52	18 59		n.a.
F 18	16 3	28 33	4 59	23 47	1 34	0 40	1 0	0n10	0 5	16 23	0 15	23 8	1 35	21 34	0 39	20 21	1 1	24 34	1 56	7 24	7 51	19 1		n.a.
S 19	15 44	26 54	5 3	23 40	1 40	1 12	1 4	0 27	0 5	16 25	0 15	23 8	1 35	21 34	0 39	20 21	1 1	24 34	1 56	7 21	7 50	19 4		n.a.
S 20	15 26	23 39	4 49	23 31	1 46	1 43	1 8	0 43	0 6	16 26	0 15	23 9	1 35	21 33	0 39	20 20	1 1	24 35	1 57	7 17	7 49	19 7		n.a.
M21	15 7	19 10	4 19	23 21	1 51	2 14	1 13	1 0	0 7	16 28	0 15	23 10	1 35	21 32	0 39	20 20	1 1	24 35	1 57	7 13	7 48	19 10		n.a.
T 22	14 48	13 51	3 35	23 10	1 56	2 45	1 17	1 17	0 7	16 30	0 15	23 11	1 35	21 32	0 39	20 19	1 1	24 35	1 57	7 9	7 46	19 12		n.a.
W23	14 29	8 3	2 41	22 57	2 0	3 16	1 21	1 34	0 8	16 32	0 15	23 11	1 35	21 31	0 40	20 18	1 1	24 36	1 57	7 7	7 45	19 15		n.a.
T 24	14 9	2 3	1 40	22 42	2 4	3 47	1 26	1 51	0 9	16 34	0 14	23 12	1 35	21 30	0 40	20 18	1 1	24 36	1 57	7 5	7 44	19 18		n.a.
F 25	13 50	3n54	0 36	22 25	2 7	4 17	1 30	2 7	0 9	16 36	0 14	23 13	1 35	21 30	0 40	20 17	1 1	24 36	1 57	7 4	7 43	19 21		n.a.
S 26	13 30	9 35	0n29	22 7	2 10	4 48	1 34	2 24	0 10	16 38	0 14	23 13	1 35	21 29	0 40	20 17	1 1	24 36	1 57	7 4	7 41	19 23		n.a.
S 27	13 10	14 52	1 32	21 47	2 12	5 18	1 39	2 41	0 11	16 40	0 14	23 14	1 35	21 29	0 40	20 16	1 1	24 37	1 58	7 5	7 40	19 26		n.a.
M28	12s49	19n34	2n30	21s26	2s14	5n49	1n43	2n57	0n11	16n42	0s14	23n15	1n35	21s28	0s40	20s16	1s 1	24s37	1s58	7n 5	7n39	19n29		n.a.

Julian Day Number = 1195859.5, Delta T = 09h27m30s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'46, Lahiri = -23°48'46 Julian Calendar 1 Feb. 1439 BCE == Greg. Calendar 19 Jan. 1439 BCE

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

MARCH 1439 BCE (-1438) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 42 47	27♒42'35	28♉42	6♒59	11♈36	7♈33	16♉ 7	24°R 1	28♏36	5♒22	12♐17	17°R46	19♈ 9	17♉ 1	n.a.	T 1
W 2	9 46 44	28°41'15	10♊37	8°37	12°42	8°13	16°14	23♋57	28°39	5°24	12°18	17♈45	19° 6	17° 8	n.a.	W 2
T 3	9 50 40	29°39'52	22°42	10°16	13°46	8°52	16°21	23°54	28°42	5°26	12°19	17°42	19° 3	17°14	n.a.	T 3
F 4	9 54 37	0♓38'27	5♋ 1	11°57	14°51	9°32	16°28	23°50	28°45	5°28	12°19	17°37	19° 0	17°21	n.a.	F 4
S 5	9 58 33	1°36'59	17°39	13°40	15°56	10°12	16°35	23°47	28°48	5°30	12°20	17°31	18°57	17°28	n.a.	S 5
S 6	10 2 30	2°35'29	0♌37	15°24	17° 0	10°51	16°43	23°44	28°51	5°32	12°21	17°24	18°54	17°34	n.a.	S 6
M 7	10 6 26	3°33'57	13°57	17°10	18° 4	11°31	16°50	23°41	28°54	5°34	12°21	17°16	18°50	17°41	n.a.	M 7
T 8	10 10 23	4°32'23	27°36	18°57	19° 7	12°11	16°58	23°38	28°57	5°36	12°22	17° 9	18°47	17°48	n.a.	T 8
W 9	10 14 19	5°30'47	11♍33	20°46	20°10	12°50	17° 6	23°35	29° 0	5°38	12°22	17° 4	18°44	17°54	n.a.	W 9
T 10	10 18 16	6°29'08	25°42	22°36	21°13	13°30	17°14	23°32	29° 3	5°40	12°23	17° 0	18°41	18° 1	n.a.	T 10
F 11	10 22 13	7°27'28	10♎ 1	24°29	22°16	14° 9	17°22	23°29	29° 5	5°42	12°23	16°58	18°38	18° 8	n.a.	F 11
S 12	10 26 9	8°25'46	24°23	26°22	23°18	14°49	17°30	23°27	29° 8	5°44	12°24	16°D58	18°34	18°14	n.a.	S 12
S 13	10 30 6	9°24'02	8♏45	28°18	24°20	15°28	17°39	23°24	29°11	5°46	12°24	16°59	18°31	18°21	n.a.	S 13
M14	10 34 2	10°22'17	23° 3	0♓15	25°22	16° 8	17°47	23°22	29°14	5°48	12°25	17° 1	18°28	18°28	n.a.	M14
T 15	10 37 59	11°20'30	7♐16	2°13	26°23	16°47	17°56	23°19	29°17	5°50	12°25	17°R 2	18°25	18°34	n.a.	T 15
W16	10 41 55	12°18'41	21°20	4°13	27°24	17°27	18° 4	23°17	29°19	5°52	12°25	17° 1	18°22	18°41	n.a.	W16
T 17	10 45 52	13°16'51	5♑15	6°15	28°25	18° 6	18°13	23°15	29°22	5°54	12°26	17° 0	18°19	18°48	n.a.	T 17
F 18	10 49 48	14°15'00	19° 0	8°18	29°25	18°46	18°22	23°13	29°25	5°56	12°26	16°57	18°15	18°54	n.a.	F 18
S 19	10 53 45	15°13'06	2♒34	10°22	0♉25	19°25	18°31	23°11	29°27	5°58	12°26	16°52	18°12	19° 1	n.a.	S 19
S 20	10 57 42	16°11'11	15°54	12°28	1°25	20° 4	18°40	23° 9	29°30	6° 0	12°26	16°47	18° 9	19° 8	n.a.	S 20
M21	11 1 38	17° 9'15	29° 1	14°34	2°24	20°44	18°50	23° 7	29°33	6° 1	12°27	16°43	18° 6	19°14	n.a.	M21
T 22	11 5 35	18° 7'16	11♓54	16°42	3°23	21°23	18°59	23° 5	29°35	6° 3	12°27	16°38	18° 3	19°21	n.a.	T 22
W23	11 9 31	19° 5'16	24°32	18°50	4°21	22° 2	19° 8	23° 3	29°38	6° 5	12°27	16°35	17°59	19°28	n.a.	W23
T 24	11 13 28	20° 3'14	6♈56	21° 0	5°19	22°42	19°18	23° 2	29°40	6° 7	12°27	16°34	17°56	19°34	n.a.	T 24
F 25	11 17 24	21° 1'10	19° 8	23° 9	6°16	23°21	19°28	23° 0	29°42	6° 9	12°27	16°D33	17°53	19°41	n.a.	F 25
S 26	11 21 21	21°59'04	1♉ 8	25°19	7°13	24° 0	19°38	22°59	29°45	6°10	12°27	16°34	17°50	19°48	n.a.	S 26
S 27	11 25 17	22°56'57	13° 2	27°28	8°10	24°39	19°48	22°58	29°47	6°12	12°R27	16°36	17°47	19°54	n.a.	S 27
M28	11 29 14	23°54'47	24°51	29°37	9° 6	25°18	19°58	22°57	29°50	6°14	12°27	16°37	17°44	20° 1	n.a.	M28
T 29	11 33 10	24°52'36	6♊41	1♈46	10° 1	25°57	20° 8	22°56	29°52	6°15	12°27	16°39	17°40	20° 8	n.a.	T 29
W30	11 37 7	25°50'23	18°36	3°53	10°56	26°37	20°18	22°55	29°54	6°17	12°27	16°40	17°37	20°14	n.a.	W30
T 31	11 41 4	26♓48'08	0♋41	5♈59	11♉50	27♈16	20♉28	22♋54	29♏56	6♒19	12♐27	16°R40	17♈34	20♉21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12s29	23n31	3n23	21s 2	2s15	6n19	1n47	3n14	0n12	16n44	0s14	23n15	1n35	21s27	0s40	20s15	1s 1	24s37	1s58	7n 5	7n38	19n31			n.a.
W 2	12 8	26 30	4 6	20 37	2 16	6 49	1 52	3 30	0 13	16 46	0 13	23 16	1 35	21 27	0 40	20 15	1 1	24 37	1 58	7 5	7 37	19 34			n.a.
T 3	11 47	28 19	4 40	20 10	2 17	7 18	1 56	3 47	0 13	16 49	0 13	23 17	1 35	21 26	0 40	20 14	1 1	24 38	1 58	7 4	7 35	19 37			n.a.
F 4	11 26	28 47	5 1	19 42	2 16	7 48	2 0	4 3	0 14	16 51	0 13	23 17	1 35	21 25	0 40	20 14	1 1	24 38	1 58	7 2	7 34	19 39			n.a.
S 5	11 5	27 46	5 8	19 11	2 16	8 17	2 5	4 20	0 15	16 53	0 13	23 18	1 35	21 25	0 40	20 13	1 1	24 38	1 58	7 0	7 33	19 42			n.a.
S 6	10 44	25 15	5 0	18 39	2 15	8 46	2 9	4 36	0 15	16 56	0 13	23 18	1 35	21 24	0 40	20 13	1 1	24 38	1 59	6 57	7 32	19 45			n.a.
M 7	10 23	21 20	4 36	18 5	2 13	9 15	2 13	4 53	0 16	16 58	0 13	23 19	1 35	21 24	0 40	20 12	1 1	24 38	1 59	6 54	7 30	19 47			n.a.
T 8	10 1	16 11	3 55	17 29	2 11	9 44	2 18	5 9	0 17	17 0	0 12	23 19	1 35	21 23	0 40	20 12	1 1	24 39	1 59	6 51	7 29	19 50			n.a.
W 9	9 39	10 8	3 0	16 51	2 8	10 12	2 22	5 25	0 17	17 3	0 12	23 20	1 35	21 22	0 40	20 11	1 1	24 39	1 59	6 49	7 28	19 53			n.a.
T 10	9 17	3 27	1 53	16 11	2 5	10 40	2 26	5 41	0 18	17 5	0 12	23 20	1 35	21 22	0 40	20 11	1 2	24 39	1 59	6 48	7 27	19 55			n.a.
F 11	8 55	3s27	0 38	15 29	2 1	11 8	2 30	5 58	0 18	17 8	0 12	23 21	1 35	21 21	0 40	20 10	1 2	24 39	1 59	6 47	7 26	19 58			n.a.
S 12	8 33	10 14	0s40	14 46	1 56	11 35	2 34	6 14	0 19	17 10	0 12	23 21	1 35	21 21	0 40	20 10	1 2	24 40	1 59	6 47	7 24	20 1			n.a.
S 13	8 11	16 30	1 56	14 1	1 51	12 3	2 38	6 30	0 20	17 13	0 12	23 21	1 35	21 20	0 40	20 9	1 2	24 40	2 0	6 47	7 23	20 3			n.a.
M14	7 49	21 50	3 4	13 14	1 46	12 30	2 42	6 46	0 20	17 15	0 12	23 22	1 35	21 20	0 40	20 9	1 2	24 40	2 0	6 48	7 22	20 6			n.a.
T 15	7 26	25 51	4 0	12 25	1 40	12 56	2 46	7 2	0 21	17 18	0 11	23 22	1 35	21 19	0 40	20 9	1 2	24 40	2 0	6 48	7 21	20 9			n.a.
W16	7 4	28 15	4 41	11 35	1 33	13 22	2 50	7 18	0 21	17 20	0 11	23 23	1 35	21 18	0 40	20 8	1 2	24 40	2 0	6 48	7 19	20 11			n.a.
T 17	6 41	28 51	5 5	10 43	1 26	13 48	2 54	7 34	0 22	17 23	0 11	23 23	1 35	21 18	0 40	20 8	1 2	24 40	2 0	6 48	7 18	20 14			n.a.
F 18	6 18	27 38	5 12	9 49	1 19	14 14	2 58	7 49	0 22	17 26	0 11	23 23	1 35	21 17	0 40	20 7	1 2	24 41	2 0	6 46	7 17	20 17			n.a.
S 19	5 56	24 48	5 0	8 54	1 10	14 39	3 2	8 5	0 23	17 28	0 11	23 24	1 35	21 17	0 40	20 7	1 2	24 41	2 1	6 45	7 16	20 19			n.a.
S 20	5 33	20 41	4 33	7 57	1 2	15 4	3 5	8 21	0 24	17 31	0 11	23 24	1 35	21 16	0 40	20 6	1 2	24 41	2 1	6 43	7 14	20 22			n.a.
M21	5 10	15 37	3 51	6 59	0 53	15 28	3 9	8 36	0 24	17 34	0 10	23 24	1 35	21 16	0 40	20 6	1 2	24 41	2 1	6 41	7 13	20 24			n.a.
T 22	4 47	9 58	2 59	6 0	0 43	15 52	3 13	8 52	0 25	17 37	0 10	23 24	1 35	21 15	0 40	20 5	1 2	24 41	2 1	6 39	7 12	20 27			n.a.
W23	4 24	4 0	1 58	5 0	0 34	16 16	3 16	9 7	0 25	17 39	0 10	23 25	1 35	21 15	0 40	20 5	1 2	24 42	2 1	6 38	7 11	20 30			n.a.
T 24	4 0	2n 0	0 53	3 59	0 24	16 39	3 20	9 23	0 26	17 42	0 10	23 25	1 34	21 14	0 40	20 5	1 2	24 42	2 1	6 37	7 10	20 32			n.a.
F 25	3 37	7 50	0n14	2 58	0 13	17 2	3 23	9 38	0 26	17 45	0 10	23 25	1 34	21 14	0 40	20 4	1 2	24 42	2 1	6 37	7 8	20 35			n.a.
S 26	3 14	13 19	1 19	1 56	0 3	17 24	3 26	9 53	0 27	17 48	0 10	23 25	1 34	21 13	0 40	20 4	1 2	24 42	2 2	6 38	7 7	20 37			n.a.
S 27	2 51	18 15	2 21	0 54	0n 8	17 46	3 29	10 8	0 27	17 51	0 10	23 25	1 34	21 13	0 40	20 3	1 2	24 42	2 2	6 38	7 6	20 40			n.a.
M28	2 28	22 29	3 16	0n 8	0 19	18 8	3 32	10 24	0 28	17 54	0 9	23 25	1 34	21 12	0 40	20 3	1 2	24 42	2 2	6 39	7 5	20 42			n.a.
T 29	2 4	25 47	4 2	1 10	0 30	18 29	3 35	10 39	0 29	17 56	0 9	23 25	1 34	21 12	0 40	20 3	1 2	24 42	2 2	6 39	7 3	20 45			n.a.
W30	1 41	28 0	4 39	2 11	0 40	18 49	3 38	10 53	0 29	17 59	0 9	23 26	1 34	21 11	0 40	20 2	1 2	24 43	2 2	6 40	7 2	20 48			n.a.
T 31	1s18	28n55	5n 3	3n12	0n51	19n 9	3n41	11n 8	0n30	18n 2	0s 9	23n26	1n34	21s11	0s40	20s 2	1s 2	24s43	2s 2	6n40	7n 1	20n50			n.a.

Julian Day Number = 1195887.5, Delta T = 09h27m28s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'42, Lahiri = -23°48'42 Julian Calendar 1 March 1439 BCE == Greg. Calendar 16 Feb. 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

APRIL 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 45 0	27♓45'52	13♋ 0	8♈ 4	12♉44	27♈55	20♉39	22°R53	29♏59	6♒20	12°R27	16°R39	17♈31	20♉28	n.a.	F 1
S 2	11 48 57	28°43'33	25°37	10° 7	13°37	28°34	20°49	22♋52	0♒ 1	6°22	12♐27	16♈38	17°28	20°34	n.a.	S 2
S 3	11 52 53	29°41'13	8♌37	12° 8	14°30	29°13	21° 0	22°52	0° 3	6°23	12°26	16°36	17°25	20°41	n.a.	S 3
M 4	11 56 50	0♈38'51	22° 1	14° 6	15°21	29°52	21°10	22°51	0° 5	6°25	12°26	16°33	17°21	20°48	n.a.	M 4
T 5	12 0 46	1°36'27	5♍49	16° 2	16°13	0♉31	21°21	22°51	0° 7	6°26	12°26	16°31	17°18	20°54	n.a.	T 5
W 6	12 4 43	2°34'02	20° 0	17°55	17° 3	1°10	21°32	22°51	0° 9	6°28	12°26	16°30	17°15	21° 1	n.a.	W 6
T 7	12 8 39	3°31'35	4♎29	19°46	17°53	1°49	21°43	22°51	0°11	6°29	12°25	16°29	17°12	21° 8	n.a.	T 7
F 8	12 12 36	4°29'07	19°11	21°34	18°42	2°28	21°54	22°D51	0°13	6°31	12°25	16°D29	17° 9	21°14	n.a.	F 8
S 9	12 16 33	5°26'38	3♏59	23°19	19°30	3° 7	22° 5	22°51	0°15	6°32	12°25	16°29	17° 5	21°21	n.a.	S 9
S 10	12 20 29	6°24'07	18°45	25° 0	20°18	3°45	22°16	22°51	0°16	6°33	12°24	16°30	17° 2	21°28	n.a.	S 10
M11	12 24 26	7°21'36	3♐25	26°39	21° 4	4°24	22°27	22°51	0°18	6°35	12°24	16°31	16°59	21°34	n.a.	M11
T 12	12 28 22	8°19'03	17°52	28°15	21°50	5° 3	22°38	22°51	0°20	6°36	12°24	16°31	16°56	21°41	n.a.	T 12
W13	12 32 19	9°16'30	2♑ 2	29°47	22°35	5°42	22°50	22°52	0°22	6°37	12°23	16°32	16°53	21°48	n.a.	W13
T 14	12 36 15	10°13'55	15°56	1♉16	23°19	6°21	23° 1	22°52	0°23	6°38	12°23	16°R32	16°50	21°54	n.a.	T 14
F 15	12 40 12	11°11'20	29°31	2°42	24° 2	7° 0	23°13	22°53	0°25	6°40	12°22	16°31	16°46	22° 1	n.a.	F 15
S 16	12 44 8	12° 8'44	12♒48	4° 4	24°44	7°38	23°24	22°54	0°27	6°41	12°22	16°31	16°43	22° 8	n.a.	S 16
S 17	12 48 5	13° 6'07	25°49	5°23	25°25	8°17	23°36	22°55	0°28	6°42	12°21	16°30	16°40	22°14	n.a.	S 17
M18	12 52 2	14° 3'29	8♓34	6°38	26° 5	8°56	23°47	22°56	0°30	6°43	12°21	16°30	16°37	22°21	n.a.	M18
T 19	12 55 58	15° 0'50	21° 7	7°50	26°44	9°35	23°59	22°57	0°31	6°44	12°20	16°30	16°34	22°28	n.a.	T 19
W20	12 59 55	15°58'10	3♈27	8°59	27°22	10°13	24°11	22°58	0°32	6°45	12°19	16°30	16°31	22°34	n.a.	W20
T 21	13 3 51	16°55'29	15°37	10° 4	27°58	10°52	24°23	22°59	0°34	6°46	12°19	16°30	16°27	22°41	n.a.	T 21
F 22	13 7 48	17°52'48	27°39	11° 5	28°34	11°31	24°35	23° 1	0°35	6°47	12°18	16°30	16°24	22°48	n.a.	F 22
S 23	13 11 44	18°50'05	9♉33	12° 3	29° 8	12° 9	24°47	23° 2	0°36	6°48	12°17	16°30	16°21	22°54	n.a.	S 23
S 24	13 15 41	19°47'21	21°24	12°57	29°41	12°48	24°59	23° 4	0°38	6°49	12°17	16°29	16°18	23° 1	n.a.	S 24
M25	13 19 37	20°44'37	3♊13	13°47	0♊12	13°27	25°11	23° 5	0°39	6°50	12°16	16°29	16°15	23° 8	n.a.	M25
T 26	13 23 34	21°41'51	15° 3	14°32	0°42	14° 5	25°23	23° 7	0°40	6°51	12°15	16°28	16°11	23°14	n.a.	T 26
W27	13 27 31	22°39'04	26°58	15°14	1°10	14°44	25°35	23° 9	0°41	6°52	12°14	16°28	16° 8	23°21	n.a.	W27
T 28	13 31 27	23°36'17	9♋ 3	15°52	1°37	15°22	25°48	23°11	0°42	6°53	12°13	16°27	16° 5	23°28	n.a.	T 28
F 29	13 35 24	24°33'28	21°20	16°26	2° 2	16° 1	26° 0	23°13	0°43	6°54	12°13	16°D27	16° 2	23°34	n.a.	F 29
S 30	13 39 20	25♈30'39	3♌54	16♉55	2♊26	16♉40	26♉12	23♋15	0♒44	6♒55	12♐12	16♈27	15♈59	23♉41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s54	28n26	5n15	4n11	1n 1	19n29	3n44	11n23	0n30	18n 5	0s 9	23n26	1n34	21s10	0s40	20s 2	1s 2	24s43	2s 2	6n39	7n 0	20n53		n.a.
S 2	0 31	26 30	5 12	5 9	1 11	19 48	3 46	11 38	0 31	18 8	0 9	23 26	1 34	21 10	0 40	20 1	1 2	24 43	2 3	6 39	6 58	20 55		n.a.
S 3	0 8	23 8	4 53	6 6	1 21	20 6	3 49	11 52	0 31	18 11	0 9	23 26	1 34	21 10	0 40	20 1	1 2	24 43	2 3	6 38	6 57	20 58		n.a.
M 4	0n16	18 28	4 17	7 2	1 30	20 24	3 51	12 7	0 32	18 14	0 9	23 26	1 34	21 9	0 41	20 0	1 2	24 43	2 3	6 37	6 56	21 0		n.a.
T 5	0 39	12 44	3 26	7 56	1 38	20 42	3 53	12 21	0 32	18 17	0 8	23 26	1 34	21 9	0 41	20 0	1 2	24 43	2 3	6 36	6 55	21 3		n.a.
W 6	1 2	6 12	2 21	8 47	1 47	20 59	3 55	12 36	0 33	18 20	0 8	23 26	1 34	21 8	0 41	20 0	1 2	24 43	2 3	6 36	6 53	21 5		n.a.
T 7	1 26	0s48	1 6	9 37	1 54	21 15	3 57	12 50	0 33	18 23	0 8	23 26	1 33	21 8	0 41	19 59	1 2	24 44	2 3	6 36	6 52	21 8		n.a.
F 8	1 49	7 52	0s15	10 25	2 1	21 31	3 59	13 4	0 34	18 26	0 8	23 26	1 33	21 8	0 41	19 59	1 3	24 44	2 3	6 35	6 51	21 10		n.a.
S 9	2 12	14 34	1 35	11 11	2 7	21 46	4 0	13 18	0 34	18 29	0 8	23 25	1 33	21 7	0 41	19 59	1 3	24 44	2 4	6 36	6 50	21 13		n.a.
S 10	2 35	20 25	2 50	11 54	2 13	22 1	4 2	13 32	0 35	18 32	0 8	23 25	1 33	21 7	0 41	19 59	1 3	24 44	2 4	6 36	6 49	21 15		n.a.
M11	2 58	25 0	3 52	12 35	2 18	22 15	4 3	13 46	0 35	18 35	0 8	23 25	1 33	21 7	0 41	19 58	1 3	24 44	2 4	6 36	6 47	21 18		n.a.
T 12	3 21	27 55	4 38	13 14	2 22	22 28	4 4	14 0	0 36	18 38	0 7	23 25	1 33	21 6	0 41	19 58	1 3	24 44	2 4	6 36	6 46	21 20		n.a.
W13	3 44	28 58	5 7	13 51	2 25	22 41	4 5	14 13	0 36	18 41	0 7	23 25	1 33	21 6	0 41	19 58	1 3	24 44	2 4	6 37	6 45	21 23		n.a.
T 14	4 7	28 8	5 17	14 26	2 28	22 54	4 6	14 27	0 36	18 44	0 7	23 25	1 33	21 6	0 41	19 57	1 3	24 44	2 4	6 37	6 44	21 25		n.a.
F 15	4 30	25 39	5 9	14 58	2 30	23 5	4 6	14 40	0 37	18 47	0 7	23 25	1 33	21 5	0 41	19 57	1 3	24 44	2 4	6 36	6 42	21 28		n.a.
S 16	4 53	21 48	4 44	15 27	2 31	23 16	4 7	14 54	0 37	18 51	0 7	23 24	1 33	21 5	0 41	19 57	1 3	24 44	2 5	6 36	6 41	21 30		n.a.
S 17	5 16	16 59	4 6	15 55	2 31	23 27	4 7	15 7	0 38	18 54	0 7	23 24	1 33	21 5	0 41	19 57	1 3	24 44	2 5	6 36	6 40	21 33		n.a.
M18	5 38	11 30	3 15	16 20	2 30	23 37	4 7	15 20	0 38	18 57	0 7	23 24	1 33	21 4	0 41	19 56	1 3	24 44	2 5	6 36	6 39	21 35		n.a.
T 19	6 1	5 40	2 16	16 43	2 29	23 46	4 7	15 33	0 39	19 0	0 7	23 24	1 32	21 4	0 41	19 56	1 3	24 45	2 5	6 36	6 37	21 38		n.a.
W20	6 23	0n18	1 12	17 3	2 27	23 55	4 6	15 46	0 39	19 3	0 7	23 23	1 32	21 4	0 41	19 56	1 3	24 45	2 5	6 36	6 36	21 40		n.a.
T 21	6 46	6 11	0 5	17 22	2 24	24 3	4 5	15 59	0 40	19 6	0 6	23 23	1 32	21 3	0 41	19 56	1 3	24 45	2 5	6 36	6 35	21 43		n.a.
F 22	7 8	11 46	1n 1	17 38	2 20	24 10	4 5	16 11	0 40	19 9	0 6	23 23	1 32	21 3	0 41	19 55	1 3	24 45	2 5	6 36	6 34	21 45		n.a.
S 23	7 30	16 54	2 5	17 52	2 15	24 16	4 3	16 24	0 41	19 12	0 6	23 22	1 32	21 3	0 41	19 55	1 3	24 45	2 6	6 36	6 32	21 48		n.a.
S 24	7 52	21 21	3 2	18 3	2 9	24 22	4 2	16 36	0 41	19 15	0 6	23 22	1 32	21 3	0 41	19 55	1 3	24 45	2 6	6 36	6 31	21 50		n.a.
M25	8 14	24 57	3 51	18 12	2 3	24 28	4 0	16 49	0 41	19 18	0 6	23 22	1 32	21 3	0 41	19 55	1 3	24 45	2 6	6 35	6 30	21 52		n.a.
T 26	8 36	27 30	4 31	18 19	1 56	24 32	3 58	17 1	0 42	19 21	0 6	23 21	1 32	21 2	0 41	19 55	1 3	24 45	2 6	6 35	6 29	21 55		n.a.
W27	8 58	28 49	4 59	18 24	1 47	24 36	3 56	17 13	0 42	19 25	0 6	23 21	1 32	21 2	0 41	19 54	1 3	24 45	2 6	6 35	6 27	21 57		n.a.
T 28	9 19	28 47	5 14	18 27	1 38	24 39	3 53	17 25	0 43	19 28	0 6	23 20	1 32	21 2	0 41	19 54	1 3	24 45	2 6	6 35	6 26	22 0		n.a.
F 29	9 41	27 20	5 16	18 27	1 29	24 42	3 50	17 37	0 43	19 31	0 5	23 20	1 32	21 2	0 41	19 54	1 3	24 45	2 6	6 35	6 25	22 2		n.a.
S 30	10n 2	24n31	5n 2	18n26	1n18	24n43	3n47	17n48	0n43	19n34	0s 5	23n19	1n32	21s 2	0s41	19s54	1s 3	24s45	2s 7	6n35	6n24	22n 4		n.a.

Julian Day Number = 1195918.5, Delta T = 09h27m26s
Ecliptic obliquity = 23°52'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'38, Lahiri = -23°48'38 Julian Calendar 1 Apr. 1439 BCE == Greg. Calendar 19 March 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

MAY 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 43 17	26♈27'48	16♌50	17♉20	2♊48	17♉18	26♉25	23♋18	0♒45	6♒55	12°R11	16♈27	15♈56	23♉48	n.a.	S 1
M 2	13 47 13	27°24'57	0♍11	17°40	3° 8	17°57	26°37	23°20	0°46	6°56	12♐10	16°28	15°52	23°54	n.a.	M 2
T 3	13 51 10	28°22'04	13°57	17°56	3°26	18°35	26°50	23°22	0°47	6°57	12° 9	16°29	15°49	24° 1	n.a.	T 3
W 4	13 55 6	29°19'11	28°10	18° 7	3°42	19°14	27° 2	23°25	0°47	6°57	12° 8	16°30	15°46	24° 8	n.a.	W 4
T 5	13 59 3	0♉16'17	12♎46	18°14	3°57	19°52	27°15	23°28	0°48	6°58	12° 7	16°R30	15°43	24°15	n.a.	T 5
F 6	14 3 0	1°13'22	27°41	18°R16	4° 9	20°31	27°28	23°30	0°49	6°59	12° 6	16°30	15°40	24°21	n.a.	F 6
S 7	14 6 56	2°10'27	12♏47	18°14	4°19	21° 9	27°40	23°33	0°49	6°59	12° 5	16°29	15°36	24°28	n.a.	S 7
S 8	14 10 53	3° 7'32	27°54	18° 7	4°27	21°47	27°53	23°36	0°50	7° 0	12° 4	16°28	15°33	24°35	n.a.	S 8
M 9	14 14 49	4° 4'36	12♐55	17°56	4°33	22°26	28° 6	23°39	0°50	7° 0	12° 3	16°26	15°30	24°41	n.a.	M 9
T 10	14 18 46	5° 1'41	27°40	17°41	4°37	23° 4	28°19	23°42	0°51	7° 1	12° 2	16°23	15°27	24°48	n.a.	T 10
W11	14 22 42	5°58'45	12♑ 4	17°22	4°R38	23°43	28°32	23°45	0°51	7° 1	12° 1	16°22	15°24	24°55	n.a.	W11
T 12	14 26 39	6°55'49	26° 4	16°59	4°37	24°21	28°44	23°49	0°52	7° 1	12° 0	16°20	15°21	25° 1	n.a.	T 12
F 13	14 30 36	7°52'54	9♒38	16°33	4°34	24°59	28°57	23°52	0°52	7° 2	11°59	16°D20	15°17	25° 8	n.a.	F 13
S 14	14 34 32	8°49'58	22°50	16° 4	4°28	25°38	29°10	23°55	0°52	7° 2	11°58	16°21	15°14	25°15	n.a.	S 14
S 15	14 38 29	9°47'02	5♓40	15°33	4°20	26°16	29°23	23°59	0°52	7° 2	11°56	16°22	15°11	25°21	n.a.	S 15
M16	14 42 25	10°44'06	18°12	15° 0	4°10	26°55	29°36	24° 2	0°53	7° 3	11°55	16°23	15° 8	25°28	n.a.	M16
T 17	14 46 22	11°41'11	0♈30	14°25	3°57	27°33	29°49	24° 6	0°53	7° 3	11°54	16°25	15° 5	25°35	n.a.	T 17
W18	14 50 18	12°38'15	12°37	13°50	3°42	28°11	0♊ 2	24°10	0°53	7° 3	11°53	16°R26	15° 2	25°41	n.a.	W18
T 19	14 54 15	13°35'20	24°36	13°15	3°25	28°50	0°15	24°14	0°R53	7° 3	11°52	16°25	14°58	25°48	n.a.	T 19
F 20	14 58 11	14°32'24	6♉29	12°40	3° 5	29°28	0°28	24°18	0°53	7° 3	11°50	16°24	14°55	25°55	n.a.	F 20
S 21	15 2 8	15°29'29	18°19	12° 5	2°44	0♊ 6	0°42	24°22	0°53	7° 3	11°49	16°21	14°52	26° 1	n.a.	S 21
S 22	15 6 5	16°26'34	0♊ 8	11°33	2°20	0°45	0°55	24°26	0°53	7° 4	11°48	16°17	14°49	26° 8	n.a.	S 22
M23	15 10 1	17°23'38	11°58	11° 3	1°54	1°23	1° 8	24°30	0°53	7° 4	11°47	16°12	14°46	26°15	n.a.	M23
T 24	15 13 58	18°20'43	23°51	10°35	1°26	2° 1	1°21	24°34	0°52	7°R 4	11°45	16° 6	14°42	26°21	n.a.	T 24
W25	15 17 54	19°17'48	5♋50	10°11	0°56	2°39	1°34	24°39	0°52	7° 4	11°44	16° 1	14°39	26°28	n.a.	W25
T 26	15 21 51	20°14'53	17°56	9°50	0°25	3°18	1°48	24°43	0°52	7° 3	11°43	15°56	14°36	26°35	n.a.	T 26
F 27	15 25 47	21°11'58	0♌14	9°33	29♉52	3°56	2° 1	24°47	0°51	7° 3	11°41	15°53	14°33	26°41	n.a.	F 27
S 28	15 29 44	22° 9'02	12°47	9°20	29°18	4°34	2°14	24°52	0°51	7° 3	11°40	15°51	14°30	26°48	n.a.	S 28
S 29	15 33 41	23° 6'07	25°39	9°13	28°43	5°13	2°27	24°57	0°51	7° 3	11°39	15°D50	14°27	26°55	n.a.	S 29
M30	15 37 37	24° 3'12	8♍52	9°D10	28° 6	5°51	2°41	25° 1	0°50	7° 3	11°37	15°51	14°23	27° 1	n.a.	M30
T 31	15 41 34	25♉ 0'17	22♍31	9♉11	27♉30	6♊29	2♊54	25♋ 6	0♒50	7♒ 3	11♐36	15♈52	14♈20	27♉ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	10n23	20n24	4n34	18n22	1n 7	24n44	3n43	18n 0	0n44	19n37	0s 5	23n19	1n31	21s 1	0s41	19s54	1s 4	24s45	2s 7	6n35	6n22	22n 7			n.a.
M 2	10 44	15 10	3 49	18 16	0 54	24 44	3 39	18 11	0 44	19 40	0 5	23 19	1 31	21 1	0 42	19 54	1 4	24 45	2 7	6 35	6 21	22 9			n.a.
T 3	11 5	9 2	2 51	18 8	0 41	24 44	3 35	18 23	0 45	19 43	0 5	23 18	1 31	21 1	0 42	19 53	1 4	24 45	2 7	6 36	6 20	22 12			n.a.
W 4	11 26	2 16	1 40	17 58	0 28	24 42	3 30	18 34	0 45	19 46	0 5	23 17	1 31	21 1	0 42	19 53	1 4	24 45	2 7	6 36	6 19	22 14			n.a.
T 5	11 46	4s49	0 21	17 47	0 13	24 40	3 25	18 45	0 45	19 49	0 5	23 17	1 31	21 1	0 42	19 53	1 4	24 45	2 7	6 36	6 17	22 16			n.a.
F 6	12 6	11 47	1s 1	17 33	0s 2	24 37	3 20	18 56	0 46	19 52	0 5	23 16	1 31	21 1	0 42	19 53	1 4	24 45	2 7	6 36	6 16	22 19			n.a.
S 7	12 27	18 10	2 20	17 17	0 17	24 33	3 14	19 7	0 46	19 55	0 4	23 16	1 31	21 1	0 42	19 53	1 4	24 45	2 8	6 36	6 15	22 21			n.a.
S 8	12 46	23 26	3 29	17 0	0 33	24 29	3 7	19 17	0 47	19 58	0 4	23 15	1 31	21 1	0 42	19 53	1 4	24 45	2 8	6 35	6 14	22 24			n.a.
M 9	13 6	27 6	4 23	16 42	0 49	24 23	3 1	19 28	0 47	20 1	0 4	23 15	1 31	21 0	0 42	19 53	1 4	24 45	2 8	6 34	6 12	22 26			n.a.
T 10	13 26	28 49	4 59	16 22	1 6	24 17	2 54	19 38	0 47	20 4	0 4	23 14	1 31	21 0	0 42	19 53	1 4	24 45	2 8	6 33	6 11	22 28			n.a.
W11	13 45	28 32	5 14	16 0	1 22	24 10	2 46	19 48	0 48	20 7	0 4	23 13	1 31	21 0	0 42	19 53	1 4	24 45	2 8	6 33	6 10	22 31			n.a.
T 12	14 4	26 24	5 11	15 38	1 39	24 2	2 38	19 58	0 48	20 10	0 4	23 13	1 31	21 0	0 42	19 53	1 4	24 45	2 8	6 32	6 9	22 33			n.a.
F 13	14 23	22 48	4 50	15 15	1 55	23 53	2 29	20 8	0 49	20 13	0 4	23 12	1 30	21 0	0 42	19 53	1 4	24 45	2 8	6 32	6 8	22 35			n.a.
S 14	14 42	18 8	4 14	14 51	2 11	23 43	2 21	20 18	0 49	20 16	0 4	23 11	1 30	21 0	0 42	19 53	1 4	24 45	2 8	6 32	6 6	22 38			n.a.
S 15	15 0	12 47	3 26	14 27	2 27	23 32	2 11	20 28	0 49	20 19	0 4	23 11	1 30	21 0	0 42	19 53	1 4	24 45	2 9	6 33	6 5	22 40			n.a.
M16	15 19	7 2	2 29	14 3	2 42	23 20	2 1	20 37	0 50	20 22	0 3	23 10	1 30	21 0	0 42	19 53	1 4	24 45	2 9	6 33	6 4	22 42			n.a.
T 17	15 37	1 7	1 27	13 39	2 56	23 8	1 51	20 46	0 50	20 25	0 3	23 9	1 30	21 0	0 42	19 52	1 4	24 45	2 9	6 34	6 3	22 44			n.a.
W18	15 54	4n45	0 21	13 16	3 9	22 54	1 40	20 56	0 50	20 28	0 3	23 8	1 30	21 0	0 42	19 52	1 4	24 45	2 9	6 34	6 1	22 47			n.a.
T 19	16 12	10 23	0n45	12 53	3 22	22 40	1 29	21 5	0 51	20 31	0 3	23 8	1 30	21 0	0 42	19 52	1 4	24 45	2 9	6 34	6 0	22 49			n.a.
F 20	16 29	15 37	1 48	12 32	3 33	22 25	1 17	21 14	0 51	20 34	0 3	23 7	1 30	21 0	0 42	19 53	1 4	24 45	2 9	6 34	5 59	22 51			n.a.
S 21	16 46	20 14	2 46	12 12	3 43	22 9	1 5	21 22	0 51	20 37	0 3	23 6	1 30	21 0	0 42	19 53	1 4	24 44	2 9	6 32	5 58	22 54			n.a.
S 22	17 3	24 4	3 37	11 54	3 52	21 52	0 53	21 31	0 52	20 40	0 3	23 5	1 30	21 0	0 42	19 53	1 5	24 44	2 9	6 31	5 56	22 56			n.a.
M23	17 20	26 53	4 18	11 38	3 59	21 34	0 40	21 39	0 52	20 42	0 3	23 4	1 30	21 1	0 42	19 53	1 5	24 44	2 10	6 29	5 55	22 58			n.a.
T 24	17 36	28 31	4 48	11 23	4 5	21 15	0 27	21 47	0 52	20 45	0 3	23 4	1 30	21 1	0 42	19 53	1 5	24 44	2 10	6 27	5 54	23 0			n.a.
W25	17 52	28 50	5 6	11 12	4 9	20 56	0 14	21 56	0 53	20 48	0 2	23 3	1 30	21 1	0 42	19 53	1 5	24 44	2 10	6 24	5 53	23 3			n.a.
T 26	18 7	27 47	5 11	11 2	4 12	20 36	0 0	22 3	0 53	20 51	0 2	23 2	1 30	21 1	0 42	19 53	1 5	24 44	2 10	6 23	5 51	23 5			n.a.
F 27	18 23	25 22	5 2	10 55	4 14	20 16	0s13	22 11	0 53	20 54	0 2	23 1	1 30	21 1	0 42	19 53	1 5	24 44	2 10	6 21	5 50	23 7			n.a.
S 28	18 38	21 42	4 38	10 51	4 14	19 55	0 27	22 19	0 54	20 57	0 2	23 0	1 29	21 1	0 43	19 53	1 5	24 44	2 10	6 21	5 49	23 9			n.a.
S 29	18 53	16 57	4 0	10 50	4 13	19 33	0 41	22 26	0 54	20 59	0 2	22 59	1 29	21 1	0 43	19 53	1 5	24 44	2 10	6 20	5 48	23 12			n.a.
M30	19 7	11 16	3 8	10 51	4 10	19 12	0 55	22 33	0 54	21 2	0 2	22 58	1 29	21 1	0 43	19 53	1 5	24 44	2 10	6 21	5 46	23 14			n.a.
T 31	19n21	4n55	2n 4	10n55	4s 7	18n50	1s 9	22n41	0n55	21n 5	0s 2	22n57	1n29	21s 1	0s43	19s53	1s 5	24s44	2s10	6n21	5n45	23n16			n.a.

Julian Day Number = 1195948.5, Delta T = 09h27m24s
Ecliptic obliquity = 23°52'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'34, Lahiri = -23°48'33 Julian Calendar 1 May 1439 BCE == Greg. Calendar 18 Apr. 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

JUNE 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 45 30	25♉57'21	6♎36	9♉19	26°R52	7♊ 7	3♊ 7	25♋11	0°R49	7°R 2	11°R35	15♈53	14♈17	27♉15	n.a.	W 1
T 2	15 49 27	26°54'26	21° 7	9°31	26♉15	7°46	3°21	25°16	0♒48	7♒ 2	11♐33	15°R54	14°14	27°22	n.a.	T 2
F 3	15 53 23	27°51'32	6♏ 0	9°49	25°38	8°24	3°34	25°21	0°48	7° 2	11°32	15°52	14°11	27°28	n.a.	F 3
S 4	15 57 20	28°48'38	21°10	10°12	25° 1	9° 2	3°47	25°26	0°47	7° 1	11°31	15°49	14° 8	27°35	n.a.	S 4
S 5	16 1 17	29°45'44	6♐26	10°40	24°24	9°40	4° 1	25°31	0°46	7° 1	11°29	15°44	14° 4	27°42	n.a.	S 5
M 6	16 5 13	0♊42'51	21°39	11°14	23°48	10°18	4°14	25°36	0°45	7° 1	11°28	15°38	14° 1	27°48	n.a.	M 6
T 7	16 9 10	1°39'59	6♑38	11°53	23°14	10°57	4°27	25°42	0°45	7° 0	11°26	15°31	13°58	27°55	n.a.	T 7
W 8	16 13 6	2°37'07	21°14	12°38	22°40	11°35	4°41	25°47	0°44	7° 0	11°25	15°25	13°55	28° 2	n.a.	W 8
T 9	16 17 3	3°34'16	5♒24	13°27	22° 8	12°13	4°54	25°52	0°43	6°59	11°24	15°20	13°52	28° 8	n.a.	T 9
F 10	16 20 59	4°31'27	19° 4	14°22	21°38	12°51	5° 8	25°58	0°42	6°59	11°22	15°17	13°48	28°15	n.a.	F 10
S 11	16 24 56	5°28'38	2♓17	15°22	21° 9	13°29	5°21	26° 3	0°41	6°58	11°21	15°D16	13°45	28°22	n.a.	S 11
S 12	16 28 52	6°25'50	15° 4	16°27	20°42	14° 8	5°34	26° 9	0°40	6°58	11°19	15°16	13°42	28°28	n.a.	S 12
M13	16 32 49	7°23'03	27°31	17°37	20°17	14°46	5°48	26°14	0°38	6°57	11°18	15°17	13°39	28°35	n.a.	M13
T 14	16 36 46	8°20'17	9♈42	18°52	19°54	15°24	6° 1	26°20	0°37	6°56	11°16	15°R18	13°36	28°42	n.a.	T 14
W15	16 40 42	9°17'33	21°42	20°12	19°34	16° 2	6°14	26°26	0°36	6°56	11°15	15°18	13°33	28°48	n.a.	W15
T 16	16 44 39	10°14'49	3♉34	21°36	19°15	16°40	6°28	26°32	0°35	6°55	11°14	15°16	13°29	28°55	n.a.	T 16
F 17	16 48 35	11°12'07	15°23	23° 4	18°59	17°19	6°41	26°38	0°34	6°54	11°12	15°12	13°26	29° 2	n.a.	F 17
S 18	16 52 32	12° 9'25	27°12	24°37	18°46	17°57	6°54	26°43	0°32	6°53	11°11	15° 5	13°23	29° 9	n.a.	S 18
S 19	16 56 28	13° 6'45	9♊ 2	26°14	18°34	18°35	7° 8	26°49	0°31	6°53	11° 9	14°57	13°20	29°15	n.a.	S 19
M20	17 0 25	14° 4'06	20°56	27°55	18°25	19°13	7°21	26°55	0°30	6°52	11° 8	14°46	13°17	29°22	n.a.	M20
T 21	17 4 22	15° 1'28	2♋56	29°40	18°19	19°51	7°34	27° 1	0°28	6°51	11° 6	14°35	13°14	29°29	n.a.	T 21
W22	17 8 18	15°58'51	15° 2	1♊28	18°15	20°30	7°48	27° 8	0°27	6°50	11° 5	14°24	13°10	29°35	n.a.	W22
T 23	17 12 15	16°56'14	27°16	3°19	18°D13	21° 8	8° 1	27°14	0°25	6°49	11° 4	14°14	13° 7	29°42	n.a.	T 23
F 24	17 16 11	17°53'39	9♌41	5°13	18°13	21°46	8°14	27°20	0°24	6°48	11° 2	14° 6	13° 4	29°49	n.a.	F 24
S 25	17 20 8	18°51'05	22°18	7° 9	18°16	22°24	8°28	27°26	0°22	6°47	11° 1	14° 1	13° 1	29°55	n.a.	S 25
S 26	17 24 4	19°48'31	5♍10	9° 8	18°21	23° 2	8°41	27°33	0°20	6°46	10°59	13°58	12°58	0♊ 2	n.a.	S 26
M27	17 28 1	20°45'59	18°20	11° 8	18°28	23°41	8°54	27°39	0°19	6°45	10°58	13°D57	12°54	0° 9	n.a.	M27
T 28	17 31 57	21°43'27	1♎51	13° 9	18°38	24°19	9° 7	27°45	0°17	6°44	10°57	13°57	12°51	0°15	n.a.	T 28
W29	17 35 54	22°40'57	15°45	15°11	18°49	24°57	9°20	27°52	0°15	6°43	10°55	13°R57	12°48	0°22	n.a.	W29
T 30	17 39 51	23♊38'27	0♏ 3	17♊14	19♉ 3	25♊35	9♊34	27♋58	0♒13	6♒42	10♐54	13♈56	12♈45	0♊29	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n35	1s54	0n50	11n 2	4s 2	18n27	1s23	22n47	0n55	21n 8	0s 2	22n56	1n29	21s 2	0s43	19s53	1s 5	24s44	2s11	6n22	5n44	23n18		n.a.
T 2	19 49	8 49	0s28	11 12	3 56	18 5	1 37	22 54	0 55	21 10	0 2	22 55	1 29	21 2	0 43	19 53	1 5	24 44	2 11	6 22	5 43	23 21		n.a.
F 3	20 2	15 26	1 47	11 24	3 49	17 43	1 51	23 1	0 56	21 13	0 2	22 54	1 29	21 2	0 43	19 54	1 5	24 44	2 11	6 21	5 41	23 23		n.a.
S 4	20 15	21 15	2 59	11 39	3 41	17 21	2 4	23 7	0 56	21 16	0 1	22 53	1 29	21 2	0 43	19 54	1 5	24 43	2 11	6 20	5 40	23 25		n.a.
S 5	20 28	25 42	3 59	11 56	3 32	16 59	2 17	23 13	0 56	21 18	0 1	22 52	1 29	21 2	0 43	19 54	1 5	24 43	2 11	6 18	5 39	23 27		n.a.
M 6	20 40	28 17	4 42	12 15	3 23	16 38	2 30	23 19	0 57	21 21	0 1	22 51	1 29	21 3	0 43	19 54	1 5	24 43	2 11	6 15	5 38	23 29		n.a.
T 7	20 52	28 46	5 4	12 37	3 13	16 17	2 43	23 25	0 57	21 24	0 1	22 50	1 29	21 3	0 43	19 54	1 5	24 43	2 11	6 13	5 36	23 32		n.a.
W 8	21 3	27 12	5 7	13 1	3 2	15 57	2 55	23 31	0 57	21 26	0 1	22 49	1 29	21 3	0 43	19 54	1 5	24 43	2 11	6 10	5 35	23 34		n.a.
T 9	21 15	23 56	4 50	13 27	2 50	15 38	3 6	23 37	0 57	21 29	0 1	22 48	1 29	21 3	0 43	19 54	1 5	24 43	2 11	6 9	5 34	23 36		n.a.
F 10	21 25	19 25	4 17	13 55	2 38	15 19	3 17	23 42	0 58	21 31	0 1	22 47	1 29	21 4	0 43	19 55	1 5	24 43	2 11	6 7	5 32	23 38		n.a.
S 11	21 36	14 7	3 31	14 24	2 26	15 2	3 28	23 47	0 58	21 34	0 1	22 46	1 29	21 4	0 43	19 55	1 5	24 43	2 12	6 7	5 31	23 40		n.a.
S 12	21 46	8 22	2 35	14 55	2 13	14 45	3 38	23 52	0 58	21 36	0 1	22 45	1 29	21 4	0 43	19 55	1 5	24 43	2 12	6 7	5 30	23 42		n.a.
M13	21 56	2 26	1 34	15 28	2 0	14 29	3 47	23 57	0 59	21 39	0 0	22 44	1 29	21 4	0 43	19 55	1 6	24 43	2 12	6 7	5 29	23 45		n.a.
T 14	22 5	3n27	0 30	16 2	1 47	14 14	3 56	24 2	0 59	21 41	0 0	22 43	1 29	21 5	0 43	19 55	1 6	24 42	2 12	6 8	5 27	23 47		n.a.
W15	22 14	9 8	0n34	16 36	1 34	14 1	4 5	24 6	0 59	21 44	0 0	22 41	1 29	21 5	0 43	19 56	1 6	24 42	2 12	6 8	5 26	23 49		n.a.
T 16	22 23	14 26	1 36	17 11	1 21	13 48	4 13	24 10	0 59	21 46	0 0	22 40	1 29	21 5	0 43	19 56	1 6	24 42	2 12	6 7	5 25	23 51		n.a.
F 17	22 31	19 11	2 34	17 47	1 7	13 37	4 20	24 14	1 0	21 49	0 0	22 39	1 29	21 6	0 43	19 56	1 6	24 42	2 12	6 5	5 24	23 53		n.a.
S 18	22 39	23 12	3 25	18 24	0 54	13 27	4 27	24 18	1 0	21 51	0n 0	22 38	1 28	21 6	0 43	19 56	1 6	24 42	2 12	6 3	5 22	23 55		n.a.
S 19	22 47	26 15	4 7	19 0	0 41	13 18	4 33	24 22	1 0	21 53	0 0	22 37	1 28	21 6	0 43	19 57	1 6	24 42	2 12	5 59	5 21	23 57		n.a.
M20	22 54	28 10	4 38	19 36	0 28	13 10	4 39	24 26	1 1	21 56	0 0	22 35	1 28	21 7	0 43	19 57	1 6	24 42	2 12	5 55	5 20	23 59		n.a.
T 21	23 0	28 47	4 57	20 12	0 15	13 3	4 44	24 29	1 1	21 58	0 0	22 34	1 28	21 7	0 43	19 57	1 6	24 42	2 12	5 51	5 19	24 2		n.a.
W22	23 7	28 1	5 3	20 47	0 3	12 57	4 48	24 32	1 1	22 0	0 1	22 33	1 28	21 7	0 43	19 57	1 6	24 41	2 13	5 47	5 17	24 4		n.a.
T 23	23 13	25 54	4 56	21 21	0n 9	12 53	4 53	24 35	1 1	22 3	0 1	22 32	1 28	21 8	0 43	19 58	1 6	24 41	2 13	5 43	5 16	24 6		n.a.
F 24	23 18	22 32	4 34	21 53	0 21	12 49	4 56	24 38	1 2	22 5	0 1	22 30	1 28	21 8	0 43	19 58	1 6	24 41	2 13	5 40	5 15	24 8		n.a.
S 25	23 23	18 5	3 59	22 25	0 31	12 47	5 0	24 40	1 2	22 7	0 1	22 29	1 28	21 8	0 43	19 58	1 6	24 41	2 13	5 37	5 14	24 10		n.a.
S 26	23 28	12 44	3 11	22 54	0 42	12 46	5 2	24 43	1 2	22 9	0 1	22 28	1 28	21 9	0 44	19 59	1 6	24 41	2 13	5 36	5 12	24 12		n.a.
M27	23 32	6 43	2 12	23 21	0 51	12 45	5 5	24 45	1 2	22 12	0 1	22 27	1 28	21 9	0 44	19 59	1 6	24 41	2 13	5 36	5 11	24 14		n.a.
T 28	23 36	0 14	1 4	23 46	1 0	12 46	5 7	24 47	1 3	22 14	0 1	22 25	1 28	21 10	0 44	19 59	1 6	24 41	2 13	5 36	5 10	24 16		n.a.
W29	23 40	6s27	0s10	24 9	1 8	12 47	5 8	24 49	1 3	22 16	0 1	22 24	1 28	21 10	0 44	19 59	1 6	24 41	2 13	5 36	5 9	24 18		n.a.
T 30	23n43	13s 0	1s24	24n30	1n15	12n50	5s10	24n50	1n 3	22n18	0n 1	22n23	1n28	21s10	0s44	20s 0	1s 6	24s40	2s13	5n36	5n 7	24n20		n.a.

Julian Day Number = 1195979.5, Delta T = 09h27m23s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'30, Lahiri = -23°48'29 Julian Calendar 1 June 1439 BCE == Greg. Calendar 19 May 1439 BCE

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

JULY 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 43 47	24♊35'58	14♏44	19♊18	19♉18	26♊13	9♊47	28♋ 5	0°R12	6°R41	10°R52	13°R54	12♈42	0♊35	n.a.	F 1
S 2	17 47 44	25°33'31	29°42	21°21	19°35	26°52	10° 0	28°11	0♒10	6♒40	10♐51	13♈48	12°39	0°42	n.a.	S 2
S 3	17 51 40	26°31'05	14♐51	23°25	19°55	27°30	10°13	28°18	0° 8	6°39	10°50	13°40	12°35	0°49	n.a.	S 3
M 4	17 55 37	27°28'41	0♑ 1	25°27	20°16	28° 8	10°26	28°25	0° 6	6°37	10°48	13°30	12°32	0°56	n.a.	M 4
T 5	17 59 33	28°26'18	15° 1	27°30	20°39	28°46	10°39	28°31	0° 4	6°36	10°47	13°20	12°29	1° 2	n.a.	T 5
W 6	18 3 30	29°23'56	29°42	29°31	21° 3	29°24	10°52	28°38	0° 2	6°35	10°46	13°10	12°26	1° 9	n.a.	W 6
T 7	18 7 27	0♋21'36	13♒58	1♋32	21°29	0♋ 3	11° 5	28°45	0° 0	6°34	10°44	13° 1	12°23	1°16	n.a.	T 7
F 8	18 11 23	1°19'18	27°44	3°32	21°57	0°41	11°18	28°52	29♑58	6°33	10°43	12°55	12°20	1°22	n.a.	F 8
S 9	18 15 20	2°17'01	11♓ 0	5°30	22°26	1°19	11°31	28°59	29°56	6°31	10°42	12°52	12°16	1°29	n.a.	S 9
S 10	18 19 16	3°14'46	23°50	7°28	22°57	1°57	11°44	29° 5	29°54	6°30	10°40	12°50	12°13	1°36	n.a.	S 10
M11	18 23 13	4°12'34	6♈18	9°24	23°29	2°36	11°57	29°12	29°52	6°29	10°39	12°50	12°10	1°42	n.a.	M11
T 12	18 27 9	5°10'23	18°28	11°19	24° 3	3°14	12° 9	29°19	29°50	6°27	10°38	12°50	12° 7	1°49	n.a.	T 12
W13	18 31 6	6° 8'14	0♉26	13°12	24°38	3°52	12°22	29°26	29°48	6°26	10°36	12°49	12° 4	1°56	n.a.	W13
T 14	18 35 2	7° 6'06	12°17	15° 5	25°14	4°30	12°35	29°33	29°46	6°24	10°35	12°46	12° 0	2° 2	n.a.	T 14
F 15	18 38 59	8° 4'01	24° 5	16°56	25°51	5° 9	12°48	29°40	29°44	6°23	10°34	12°41	11°57	2° 9	n.a.	F 15
S 16	18 42 55	9° 1'58	5♊55	18°45	26°30	5°47	13° 0	29°47	29°41	6°22	10°33	12°33	11°54	2°16	n.a.	S 16
S 17	18 46 52	9°59'57	17°49	20°34	27° 9	6°25	13°13	29°54	29°39	6°20	10°32	12°22	11°51	2°23	n.a.	S 17
M18	18 50 49	10°57'57	29°50	22°21	27°50	7° 3	13°25	0♌ 1	29°37	6°19	10°30	12° 9	11°48	2°29	n.a.	M18
T 19	18 54 45	11°56'00	12♋ 0	24° 6	28°32	7°42	13°38	0° 8	29°35	6°17	10°29	11°55	11°45	2°36	n.a.	T 19
W20	18 58 42	12°54'04	24°18	25°51	29°15	8°20	13°50	0°16	29°32	6°16	10°28	11°41	11°41	2°43	n.a.	W20
T 21	19 2 38	13°52'10	6♌46	27°34	29°59	8°58	14° 3	0°23	29°30	6°14	10°27	11°29	11°38	2°49	n.a.	T 21
F 22	19 6 35	14°50'18	19°24	29°16	0♊43	9°37	14°15	0°30	29°28	6°13	10°26	11°19	11°35	2°56	n.a.	F 22
S 23	19 10 31	15°48'27	2♍13	0♌56	1°29	10°15	14°27	0°37	29°26	6°11	10°25	11°12	11°32	3° 3	n.a.	S 23
S 24	19 14 28	16°46'38	15°14	2°36	2°15	10°53	14°40	0°44	29°23	6°10	10°24	11° 7	11°29	3° 9	n.a.	S 24
M25	19 18 24	17°44'50	28°29	4°14	3° 3	11°32	14°52	0°52	29°21	6° 8	10°22	11° 6	11°26	3°16	n.a.	M25
T 26	19 22 21	18°43'05	11♎59	5°51	3°51	12°10	15° 4	0°59	29°19	6° 7	10°21	11° 5	11°22	3°23	n.a.	T 26
W27	19 26 18	19°41'21	25°47	7°26	4°40	12°48	15°16	1° 6	29°16	6° 5	10°20	11° 5	11°19	3°29	n.a.	W27
T 28	19 30 14	20°39'38	9♏53	9° 1	5°29	13°27	15°28	1°13	29°14	6° 3	10°19	11° 4	11°16	3°36	n.a.	T 28
F 29	19 34 11	21°37'57	24°17	10°34	6°20	14° 5	15°40	1°21	29°12	6° 2	10°18	11° 1	11°13	3°43	n.a.	F 29
S 30	19 38 7	22°36'18	8♐56	12° 6	7°11	14°44	15°52	1°28	29° 9	6° 0	10°17	10°55	11°10	3°50	n.a.	S 30
S 31	19 42 4	23♋34'41	23♐45	13♌37	8♊ 3	15♋22	16♊ 4	1♌35	29♑ 7	5♒59	10♐16	10♈47	11♈ 6	3♊56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n45	19s 1	2s36	24n47	1n22	12n53	5s10	24n52	1n 3	22n20	0n 1	22n21	1n28	21s11	0s44	20s 0	1s 6	24s40	2s13	5n34	5n 6	24n22		n.a.
S 2	23 47	23 59	3 37	25 2	1 28	12 57	5 11	24 53	1 3	22 22	0 2	22 20	1 28	21 11	0 44	20 0	1 6	24 40	2 13	5 32	5 5	24 24		n.a.
S 3	23 49	27 22	4 25	25 15	1 33	13 2	5 11	24 54	1 4	22 24	0 2	22 18	1 28	21 12	0 44	20 1	1 6	24 40	2 13	5 29	5 4	24 26		n.a.
M 4	23 50	28 45	4 53	25 24	1 37	13 8	5 11	24 55	1 4	22 26	0 2	22 17	1 28	21 12	0 44	20 1	1 6	24 40	2 14	5 25	5 2	24 28		n.a.
T 5	23 51	27 59	5 1	25 31	1 41	13 14	5 11	24 56	1 4	22 28	0 2	22 16	1 28	21 13	0 44	20 1	1 6	24 40	2 14	5 21	5 1	24 30		n.a.
W 6	23 52	25 17	4 49	25 36	1 44	13 22	5 10	24 56	1 4	22 30	0 2	22 14	1 28	21 13	0 44	20 2	1 6	24 40	2 14	5 17	5 0	24 32		n.a.
T 7	23 52	21 3	4 19	25 37	1 46	13 29	5 9	24 57	1 5	22 32	0 2	22 13	1 28	21 13	0 44	20 2	1 6	24 40	2 14	5 14	4 59	24 34		n.a.
F 8	23 52	15 49	3 35	25 36	1 47	13 38	5 8	24 57	1 5	22 34	0 2	22 11	1 28	21 14	0 44	20 2	1 6	24 39	2 14	5 12	4 57	24 36		n.a.
S 9	23 51	10 2	2 40	25 33	1 48	13 46	5 6	24 57	1 5	22 36	0 2	22 10	1 28	21 14	0 44	20 3	1 7	24 39	2 14	5 10	4 56	24 38		n.a.
S 10	23 50	4 0	1 39	25 27	1 48	13 56	5 5	24 56	1 5	22 38	0 2	22 9	1 28	21 15	0 44	20 3	1 7	24 39	2 14	5 9	4 55	24 40		n.a.
M11	23 48	2n 1	0 35	25 19	1 48	14 6	5 3	24 56	1 5	22 40	0 3	22 7	1 28	21 15	0 44	20 4	1 7	24 39	2 14	5 9	4 54	24 42		n.a.
T 12	23 46	7 49	0n30	25 9	1 47	14 16	5 1	24 55	1 6	22 42	0 3	22 6	1 28	21 16	0 44	20 4	1 7	24 39	2 14	5 9	4 52	24 44		n.a.
W13	23 43	13 15	1 32	24 57	1 46	14 27	4 58	24 54	1 6	22 44	0 3	22 4	1 28	21 16	0 44	20 4	1 7	24 39	2 14	5 9	4 51	24 46		n.a.
T 14	23 40	18 9	2 29	24 43	1 44	14 38	4 56	24 53	1 6	22 45	0 3	22 3	1 28	21 17	0 44	20 5	1 7	24 39	2 14	5 8	4 50	24 48		n.a.
F 15	23 37	22 21	3 19	24 27	1 41	14 49	4 53	24 52	1 6	22 47	0 3	22 1	1 28	21 17	0 44	20 5	1 7	24 39	2 14	5 6	4 48	24 50		n.a.
S 16	23 33	25 38	4 1	24 9	1 38	15 1	4 50	24 51	1 6	22 49	0 3	22 0	1 28	21 18	0 44	20 5	1 7	24 38	2 14	5 2	4 47	24 52		n.a.
S 17	23 29	27 50	4 33	23 49	1 35	15 13	4 47	24 49	1 7	22 51	0 3	21 58	1 28	21 18	0 44	20 6	1 7	24 38	2 14	4 58	4 46	24 54		n.a.
M18	23 24	28 45	4 53	23 28	1 31	15 25	4 44	24 47	1 7	22 52	0 3	21 57	1 28	21 19	0 44	20 6	1 7	24 38	2 14	4 53	4 45	24 56		n.a.
T 19	23 19	28 17	4 59	23 6	1 27	15 37	4 41	24 45	1 7	22 54	0 3	21 55	1 28	21 19	0 44	20 7	1 7	24 38	2 14	4 48	4 43	24 58		n.a.
W20	23 14	26 26	4 52	22 42	1 22	15 50	4 37	24 43	1 7	22 56	0 4	21 54	1 28	21 20	0 44	20 7	1 7	24 38	2 14	4 42	4 42	25 0		n.a.
T 21	23 8	23 17	4 31	22 17	1 18	16 3	4 34	24 41	1 7	22 57	0 4	21 52	1 28	21 20	0 44	20 7	1 7	24 38	2 15	4 37	4 41	25 2		n.a.
F 22	23 1	19 0	3 57	21 51	1 12	16 16	4 30	24 38	1 8	22 59	0 4	21 50	1 28	21 21	0 44	20 8	1 7	24 38	2 15	4 33	4 40	25 4		n.a.
S 23	22 55	13 49	3 10	21 24	1 7	16 29	4 26	24 35	1 8	23 0	0 4	21 49	1 28	21 21	0 44	20 8	1 7	24 38	2 15	4 30	4 38	25 5		n.a.
S 24	22 47	7 56	2 12	20 55	1 1	16 42	4 23	24 32	1 8	23 2	0 4	21 47	1 28	21 22	0 44	20 9	1 7	24 37	2 15	4 29	4 37	25 7		n.a.
M25	22 40	1 37	1 6	20 26	0 55	16 55	4 19	24 29	1 8	23 4	0 4	21 46	1 29	21 22	0 44	20 9	1 7	24 37	2 15	4 28	4 36	25 9		n.a.
T 26	22 32	4s54	0s 5	19 56	0 49	17 8	4 14	24 26	1 8	23 5	0 4	21 44	1 29	21 23	0 44	20 10	1 7	24 37	2 15	4 28	4 35	25 11		n.a.
W27	22 24	11 20	1 17	19 25	0 42	17 21	4 10	24 22	1 8	23 7	0 4	21 43	1 29	21 23	0 44	20 10	1 7	24 37	2 15	4 28	4 33	25 13		n.a.
T 28	22 15	17 20	2 26	18 53	0 35	17 34	4 6	24 19	1 9	23 8	0 5	21 41	1 29	21 24	0 44	20 10	1 7	24 37	2 15	4 27	4 32	25 15		n.a.
F 29	22 6	22 31	3 27	18 21	0 28	17 47	4 2	24 15	1 9	23 9	0 5	21 39	1 29	21 24	0 44	20 11	1 7	24 37	2 15	4 26	4 31	25 17		n.a.
S 30	21 56	26 23	4 16	17 49	0 21	18 0	3 57	24 11	1 9	23 11	0 5	21 38	1 29	21 25	0 44	20 11	1 7	24 37	2 15	4 24	4 30	25 19		n.a.
S 31	21n46	28s31	4s48	17n15	0n14	18n13	3s53	24n 6	1n 9	23n12	0n 5	21n36	1n29	21s25	0s44	20s12	1s 7	24s37	2s15	4n21	4n28	25n20		n.a.

Julian Day Number = 1196009.5, Delta T = 09h27m21s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'26, Lahiri = -23°48'25 Julian Calendar 1 July 1439 BCE == Greg. Calendar 18 June 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

AUGUST 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 46 0	24♋33'06	8♉37	15♌ 7	8♊55	16♋ 0	16♊16	1♌43	29°R 4	5°R57	10°R15	10°R37	11♈ 3	4♊ 3	n.a.	M 1
T 2	19 49 57	25°31'33	23°23	16°35	9°48	16°39	16°28	1°50	29♉ 2	5♒55	10♐15	10♈26	11° 0	4°10	n.a.	T 2
W 3	19 53 53	26°30'01	7♒54	18° 3	10°42	17°17	16°39	1°57	29° 0	5°54	10°14	10°16	10°57	4°16	n.a.	W 3
T 4	19 57 50	27°28'32	22° 5	19°29	11°36	17°56	16°51	2° 5	28°57	5°52	10°13	10° 7	10°54	4°23	n.a.	T 4
F 5	20 1 47	28°27'05	5♓49	20°54	12°31	18°34	17° 2	2°12	28°55	5°51	10°12	10° 0	10°51	4°30	n.a.	F 5
S 6	20 5 43	29°25'40	19° 8	22°17	13°27	19°13	17°14	2°19	28°52	5°49	10°11	9°56	10°47	4°36	n.a.	S 6
S 7	20 9 40	0♌24'17	2♈ 0	23°40	14°23	19°51	17°25	2°27	28°50	5°47	10°10	9°54	10°44	4°43	n.a.	S 7
M 8	20 13 36	1°22'57	14°30	25° 0	15°19	20°29	17°36	2°34	28°48	5°46	10° 9	9°D54	10°41	4°50	n.a.	M 8
T 9	20 17 33	2°21'39	26°42	26°20	16°16	21° 8	17°48	2°42	28°45	5°44	10° 9	9°R54	10°38	4°57	n.a.	T 9
W10	20 21 29	3°20'24	8♉42	27°38	17°14	21°46	17°59	2°49	28°43	5°42	10° 8	9°54	10°35	5° 3	n.a.	W10
T 11	20 25 26	4°19'11	20°34	28°55	18°12	22°25	18°10	2°56	28°40	5°41	10° 7	9°53	10°32	5°10	n.a.	T 11
F 12	20 29 22	5°18'00	2♊24	0♍10	19°10	23° 4	18°21	3° 4	28°38	5°39	10° 7	9°49	10°28	5°17	n.a.	F 12
S 13	20 33 19	6°16'52	14°16	1°24	20° 9	23°42	18°32	3°11	28°36	5°37	10° 6	9°43	10°25	5°23	n.a.	S 13
S 14	20 37 16	7°15'46	26°14	2°35	21° 9	24°21	18°43	3°18	28°33	5°36	10° 5	9°35	10°22	5°30	n.a.	S 14
M15	20 41 12	8°14'43	8♋22	3°45	22° 9	24°59	18°53	3°26	28°31	5°34	10° 5	9°25	10°19	5°37	n.a.	M15
T 16	20 45 9	9°13'42	20°42	4°54	23° 9	25°38	19° 4	3°33	28°29	5°32	10° 4	9°13	10°16	5°43	n.a.	T 16
W17	20 49 5	10°12'43	3♌14	6° 0	24°10	26°16	19°15	3°40	28°26	5°31	10° 4	9° 2	10°12	5°50	n.a.	W17
T 18	20 53 2	11°11'46	15°59	7° 3	25°11	26°55	19°25	3°48	28°24	5°29	10° 3	8°52	10° 9	5°57	n.a.	T 18
F 19	20 56 58	12°10'51	28°57	8° 5	26°12	27°34	19°36	3°55	28°22	5°27	10° 3	8°44	10° 6	6° 4	n.a.	F 19
S 20	21 0 55	13° 9'59	12♍ 6	9° 4	27°14	28°12	19°46	4° 2	28°19	5°26	10° 2	8°39	10° 3	6°10	n.a.	S 20
S 21	21 4 51	14° 9'08	25°26	10° 0	28°16	28°51	19°56	4°10	28°17	5°24	10° 2	8°36	10° 0	6°17	n.a.	S 21
M22	21 8 48	15° 8'20	8♎57	10°54	29°18	29°30	20° 6	4°17	28°15	5°22	10° 1	8°D35	9°57	6°24	n.a.	M22
T 23	21 12 44	16° 7'33	22°39	11°44	0♋21	0♌ 8	20°16	4°24	28°12	5°21	10° 1	8°35	9°53	6°30	n.a.	T 23
W24	21 16 41	17° 6'49	6♏30	12°31	1°24	0°47	20°26	4°32	28°10	5°19	10° 0	8°36	9°50	6°37	n.a.	W24
T 25	21 20 38	18° 6'06	20°33	13°13	2°28	1°26	20°36	4°39	28° 8	5°17	10° 0	8°R37	9°47	6°44	n.a.	T 25
F 26	21 24 34	19° 5'25	4♐44	13°52	3°31	2° 4	20°46	4°46	28° 6	5°16	10° 0	8°36	9°44	6°50	n.a.	F 26
S 27	21 28 31	20° 4'47	19° 4	14°26	4°35	2°43	20°55	4°53	28° 4	5°14	9°59	8°33	9°41	6°57	n.a.	S 27
S 28	21 32 27	21° 4'10	3♉29	14°56	5°40	3°22	21° 5	5° 0	28° 1	5°13	9°59	8°27	9°38	7° 4	n.a.	S 28
M29	21 36 24	22° 3'35	17°54	15°19	6°44	4° 1	21°14	5° 8	27°59	5°11	9°59	8°21	9°34	7°11	n.a.	M29
T 30	21 40 20	23° 3'02	2♒14	15°37	7°49	4°39	21°23	5°15	27°57	5°10	9°59	8°13	9°31	7°17	n.a.	T 30
W31	21 44 17	24♌ 2'31	16♒23	15♍49	8♋54	5♌18	21♊33	5♌22	27♉55	5♒ 8	9♐59	8♈ 6	9♈28	7♊24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n36	28s35	5s 1	16n42	0n 7	18n26	3s48	24n 2	1n 9	23n14	0n 5	21n34	1n29	21s26	0s44	20s12	1s 7	24s37	2s15	4n17	4n27	25n22			n.a.
T 2	21 25	26 37	4 53	16 8	0s 1	18 38	3 43	23 57	1 9	23 15	0 5	21 33	1 29	21 26	0 44	20 13	1 7	24 37	2 15	4 12	4 26	25 24			n.a.
W 3	21 14	22 55	4 27	15 33	0 9	18 51	3 39	23 53	1 10	23 16	0 5	21 31	1 29	21 27	0 44	20 13	1 7	24 36	2 15	4 8	4 24	25 26			n.a.
T 4	21 2	17 56	3 45	14 59	0 17	19 3	3 34	23 48	1 10	23 18	0 5	21 30	1 29	21 27	0 44	20 13	1 7	24 36	2 15	4 4	4 23	25 28			n.a.
F 5	20 50	12 10	2 50	14 24	0 25	19 15	3 29	23 42	1 10	23 19	0 5	21 28	1 29	21 28	0 44	20 14	1 7	24 36	2 15	4 2	4 22	25 29			n.a.
S 6	20 38	6 2	1 48	13 49	0 33	19 27	3 24	23 37	1 10	23 20	0 6	21 26	1 29	21 28	0 44	20 14	1 7	24 36	2 15	4 0	4 21	25 31			n.a.
S 7	20 25	0n10	0 42	13 14	0 41	19 38	3 19	23 32	1 10	23 21	0 6	21 25	1 29	21 29	0 44	20 15	1 7	24 36	2 15	3 59	4 19	25 33			n.a.
M 8	20 12	6 11	0n24	12 39	0 49	19 50	3 14	23 26	1 10	23 22	0 6	21 23	1 29	21 29	0 44	20 15	1 7	24 36	2 15	3 59	4 18	25 35			n.a.
T 9	19 59	11 51	1 28	12 4	0 57	20 1	3 9	23 20	1 10	23 24	0 6	21 21	1 29	21 30	0 44	20 16	1 7	24 36	2 15	3 59	4 17	25 37			n.a.
W10	19 45	16 58	2 27	11 29	1 6	20 11	3 4	23 14	1 11	23 25	0 6	21 20	1 29	21 30	0 44	20 16	1 7	24 36	2 15	3 59	4 16	25 38			n.a.
T 11	19 31	21 24	3 19	10 54	1 14	20 22	2 59	23 8	1 11	23 26	0 6	21 18	1 29	21 31	0 44	20 16	1 7	24 36	2 15	3 59	4 14	25 40			n.a.
F 12	19 17	24 57	4 2	10 20	1 22	20 32	2 54	23 1	1 11	23 27	0 6	21 16	1 29	21 31	0 44	20 17	1 7	24 36	2 15	3 57	4 13	25 42			n.a.
S 13	19 2	27 28	4 34	9 46	1 30	20 41	2 49	22 55	1 11	23 28	0 6	21 15	1 30	21 32	0 44	20 17	1 7	24 36	2 16	3 55	4 12	25 44			n.a.
S 14	18 47	28 44	4 55	9 12	1 39	20 51	2 43	22 48	1 11	23 29	0 7	21 13	1 30	21 32	0 44	20 18	1 7	24 36	2 16	3 52	4 11	25 45			n.a.
M15	18 32	28 38	5 3	8 39	1 47	21 0	2 38	22 41	1 11	23 30	0 7	21 11	1 30	21 33	0 44	20 18	1 7	24 36	2 16	3 48	4 9	25 47			n.a.
T 16	18 16	27 8	4 57	8 6	1 55	21 8	2 33	22 34	1 11	23 31	0 7	21 10	1 30	21 33	0 44	20 19	1 7	24 35	2 16	3 43	4 8	25 49			n.a.
W17	18 0	24 16	4 37	7 34	2 3	21 16	2 28	22 26	1 11	23 32	0 7	21 8	1 30	21 34	0 44	20 19	1 7	24 35	2 16	3 39	4 7	25 51			n.a.
T 18	17 43	20 11	4 3	7 3	2 11	21 24	2 23	22 19	1 12	23 33	0 7	21 6	1 30	21 34	0 44	20 19	1 7	24 35	2 16	3 35	4 5	25 52			n.a.
F 19	17 27	15 6	3 16	6 32	2 19	21 31	2 18	22 11	1 12	23 34	0 7	21 4	1 30	21 35	0 44	20 20	1 7	24 35	2 16	3 31	4 4	25 54			n.a.
S 20	17 10	9 15	2 17	6 3	2 27	21 38	2 12	22 4	1 12	23 35	0 7	21 3	1 30	21 35	0 44	20 20	1 7	24 35	2 16	3 29	4 3	25 56			n.a.
S 21	16 53	2 55	1 10	5 35	2 34	21 44	2 7	21 56	1 12	23 36	0 7	21 1	1 30	21 36	0 44	20 21	1 7	24 35	2 16	3 28	4 2	25 57			n.a.
M22	16 35	3s38	0s 2	5 7	2 42	21 50	2 2	21 48	1 12	23 37	0 8	20 59	1 30	21 36	0 44	20 21	1 7	24 35	2 16	3 28	4 0	25 59			n.a.
T 23	16 17	10 7	1 15	4 42	2 49	21 55	1 57	21 39	1 12	23 38	0 8	20 58	1 30	21 37	0 44	20 21	1 7	24 35	2 16	3 28	3 59	26 1			n.a.
W24	15 59	16 12	2 24	4 18	2 55	22 0	1 52	21 31	1 12	23 39	0 8	20 56	1 30	21 37	0 44	20 22	1 7	24 35	2 16	3 28	3 58	26 2			n.a.
T 25	15 41	21 30	3 26	3 55	3 1	22 4	1 46	21 22	1 12	23 40	0 8	20 54	1 31	21 37	0 44	20 22	1 7	24 35	2 16	3 28	3 57	26 4			n.a.
F 26	15 22	25 39	4 16	3 35	3 7	22 8	1 41	21 13	1 12	23 40	0 8	20 53	1 31	21 38	0 44	20 23	1 7	24 35	2 16	3 28	3 55	26 6			n.a.
S 27	15 3	28 14	4 50	3 17	3 13	22 11	1 36	21 5	1 12	23 41	0 8	20 51	1 31	21 38	0 44	20 23	1 7	24 35	2 16	3 27	3 54	26 7			n.a.
S 28	14 44	28 55	5 6	3 1	3 17	22 14	1 31	20 56	1 13	23 42	0 8	20 49	1 31	21 39	0 44	20 23	1 7	24 35	2 16	3 25	3 53	26 9			n.a.
M29	14 24	27 39	5 3	2 48	3 22	22 16	1 26	20 46	1 13	23 43	0 9	20 48	1 31	21 39	0 44	20 24	1 7	24 35	2 16	3 22	3 51	26 11			n.a.
T 30	14 5	24 34	4 41	2 37	3 25	22 17	1 21	20 37	1 13	23 44	0 9	20 46	1 31	21 40	0 44	20 24	1 7	24 35	2 16	3 19	3 50	26 12			n.a.
W31	13n45	20s 3	4s 2	2n31	3s27	22n18	1s16	20n27	1n13	23n44	0n 9	20n44	1n31	21s40	0s44	20s25	1s 7	24s35	2s16	3n16	3n49	26n14			n.a.

Julian Day Number = 1196040.5, Delta T = 09h27m19s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'21, Lahiri = -23°48'21 Julian Calendar 1 Aug. 1439 BCE == Greg. Calendar 19 July 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

SEPTEMBER 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 48 13	25♌ 2'03	0♓15	15°R54	10♋ 0	5♌57	21♊42	5♌29	27°R53	5°R 6	9°R58	8°R 0	9♈25	7♊31	n.a.	T 1
F 2	21 52 10	26° 1'36	13°48	15♍52	11° 6	6°36	21°50	5°36	27♉51	5♒ 5	9♐58	7♈56	9°22	7°37	n.a.	F 2
S 3	21 56 6	27° 1'12	27° 0	15°42	12°12	7°14	21°59	5°43	27°49	5° 3	9°58	7°53	9°18	7°44	n.a.	S 3
S 4	22 0 3	28° 0'49	9♈50	15°24	13°18	7°53	22° 8	5°50	27°47	5° 2	9°58	7°D53	9°15	7°51	n.a.	S 4
M 5	22 4 0	29° 0'30	22°20	14°57	14°24	8°32	22°17	5°57	27°45	5° 0	9°58	7°53	9°12	7°57	n.a.	M 5
T 6	22 7 56	0♍ 0'12	4♉34	14°22	15°31	9°11	22°25	6° 4	27°43	4°59	9°D58	7°55	9° 9	8° 4	n.a.	T 6
W 7	22 11 53	0°59'58	16°35	13°39	16°38	9°50	22°33	6°11	27°41	4°57	9°58	7°57	9° 6	8°11	n.a.	W 7
T 8	22 15 49	1°59'45	28°29	12°47	17°45	10°29	22°41	6°18	27°39	4°56	9°58	7°R58	9° 3	8°18	n.a.	T 8
F 9	22 19 46	2°59'35	10♊20	11°48	18°53	11° 8	22°50	6°25	27°37	4°55	9°58	7°57	8°59	8°24	n.a.	F 9
S 10	22 23 42	3°59'28	22°13	10°42	20° 0	11°47	22°57	6°32	27°36	4°53	9°58	7°56	8°56	8°31	n.a.	S 10
S 11	22 27 39	4°59'22	4♋14	9°31	21° 8	12°26	23° 5	6°38	27°34	4°52	9°59	7°52	8°53	8°38	n.a.	S 11
M12	22 31 35	5°59'20	16°26	8°17	22°16	13° 5	23°13	6°45	27°32	4°50	9°59	7°48	8°50	8°44	n.a.	M12
T 13	22 35 32	6°59'19	28°52	7° 2	23°24	13°44	23°20	6°52	27°30	4°49	9°59	7°43	8°47	8°51	n.a.	T 13
W14	22 39 29	7°59'21	11♌35	5°47	24°33	14°23	23°28	6°59	27°29	4°48	9°59	7°37	8°43	8°58	n.a.	W14
T 15	22 43 25	8°59'24	24°35	4°36	25°42	15° 2	23°35	7° 5	27°27	4°46	9°59	7°33	8°40	9° 5	n.a.	T 15
F 16	22 47 22	9°59'30	7♍52	3°29	26°50	15°41	23°42	7°12	27°26	4°45	10° 0	7°29	8°37	9°11	n.a.	F 16
S 17	22 51 18	10°59'38	21°25	2°30	27°59	16°20	23°49	7°18	27°24	4°44	10° 0	7°27	8°34	9°18	n.a.	S 17
S 18	22 55 15	11°59'48	5♎12	1°40	29° 9	16°59	23°56	7°25	27°23	4°43	10° 0	7°D26	8°31	9°25	n.a.	S 18
M19	22 59 11	12°59'59	19° 8	1° 1	0♌18	17°38	24° 3	7°31	27°21	4°41	10° 1	7°26	8°28	9°31	n.a.	M19
T 20	23 3 8	14° 0'13	3♏13	0°32	1°27	18°17	24° 9	7°38	27°20	4°40	10° 1	7°27	8°24	9°38	n.a.	T 20
W21	23 7 4	15° 0'28	17°22	0°15	2°37	18°56	24°15	7°44	27°18	4°39	10° 2	7°29	8°21	9°45	n.a.	W21
T 22	23 11 1	16° 0'45	1♐33	0°D 9	3°47	19°35	24°22	7°50	27°17	4°38	10° 2	7°30	8°18	9°51	n.a.	T 22
F 23	23 14 57	17° 1'04	15°45	0°15	4°57	20°14	24°28	7°57	27°16	4°37	10° 3	7°R31	8°15	9°58	n.a.	F 23
S 24	23 18 54	18° 1'24	29°55	0°31	6° 7	20°54	24°34	8° 3	27°14	4°36	10° 3	7°30	8°12	10° 5	n.a.	S 24
S 25	23 22 51	19° 1'46	14♑ 1	0°58	7°17	21°33	24°39	8° 9	27°13	4°34	10° 4	7°29	8° 9	10°12	n.a.	S 25
M26	23 26 47	20° 2'09	28° 0	1°34	8°28	22°12	24°45	8°15	27°12	4°33	10° 4	7°27	8° 5	10°18	n.a.	M26
T 27	23 30 44	21° 2'34	11♒51	2°18	9°38	22°51	24°50	8°21	27°11	4°32	10° 5	7°25	8° 2	10°25	n.a.	T 27
W28	23 34 40	22° 3'01	25°31	3° 9	10°49	23°30	24°56	8°27	27°10	4°31	10° 6	7°22	7°59	10°32	n.a.	W28
T 29	23 38 37	23° 3'29	8♓58	4° 7	12° 0	24°10	25° 1	8°33	27° 9	4°30	10° 6	7°20	7°56	10°38	n.a.	T 29
F 30	23 42 33	24♍ 3'59	22♓10	5♍11	13♌11	24♌49	25♊ 6	8♌39	27♑ 8	4♒29	10♐ 7	7♈19	7♈53	10♊45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n24	14s31	3s 9	2n27	3s29	22n18	1s11	20n18	1n13	23n45	0n 9	20n43	1n31	21s40	0s44	20s25	1s 7	24s35	2s16	3n14	3n48	26n16		n.a.
F 2	13 4	8 25	2 7	2 28	3 29	22 18	1 6	20 8	1 13	23 46	0 9	20 41	1 31	21 41	0 44	20 25	1 7	24 35	2 16	3 12	3 46	26 17		n.a.
S 3	12 43	2 7	0 59	2 33	3 28	22 17	1 1	19 58	1 13	23 46	0 9	20 39	1 32	21 41	0 44	20 26	1 7	24 35	2 16	3 11	3 45	26 19		n.a.
S 4	12 23	4n 7	0n11	2 42	3 26	22 16	0 56	19 48	1 13	23 47	0 9	20 38	1 32	21 42	0 44	20 26	1 7	24 35	2 16	3 11	3 44	26 20		n.a.
M 5	12 1	10 3	1 18	2 56	3 22	22 14	0 51	19 38	1 13	23 48	0 10	20 36	1 32	21 42	0 44	20 27	1 7	24 35	2 16	3 11	3 43	26 22		n.a.
T 6	11 40	15 28	2 20	3 15	3 16	22 11	0 46	19 27	1 13	23 48	0 10	20 34	1 32	21 42	0 44	20 27	1 7	24 35	2 16	3 12	3 41	26 24		n.a.
W 7	11 19	20 12	3 15	3 39	3 9	22 8	0 41	19 17	1 13	23 49	0 10	20 33	1 32	21 43	0 44	20 27	1 7	24 35	2 16	3 12	3 40	26 25		n.a.
T 8	10 57	24 5	4 1	4 7	2 59	22 4	0 37	19 6	1 13	23 50	0 10	20 31	1 32	21 43	0 44	20 28	1 7	24 35	2 16	3 13	3 39	26 27		n.a.
F 9	10 35	26 57	4 37	4 41	2 48	21 59	0 32	18 55	1 13	23 50	0 10	20 29	1 32	21 43	0 44	20 28	1 7	24 35	2 16	3 13	3 37	26 28		n.a.
S 10	10 13	28 38	5 0	5 18	2 35	21 54	0 27	18 44	1 13	23 51	0 10	20 28	1 32	21 44	0 44	20 28	1 7	24 35	2 16	3 12	3 36	26 30		n.a.
S 11	9 51	28 59	5 11	5 59	2 19	21 48	0 23	18 33	1 13	23 51	0 10	20 26	1 33	21 44	0 44	20 29	1 7	24 35	2 16	3 11	3 35	26 31		n.a.
M12	9 29	27 56	5 8	6 43	2 3	21 42	0 18	18 22	1 13	23 52	0 11	20 25	1 33	21 44	0 44	20 29	1 7	24 35	2 16	3 9	3 34	26 33		n.a.
T 13	9 6	25 30	4 51	7 29	1 44	21 34	0 14	18 10	1 14	23 52	0 11	20 23	1 33	21 45	0 44	20 29	1 7	24 35	2 16	3 7	3 32	26 34		n.a.
W14	8 43	21 45	4 19	8 15	1 25	21 27	0 9	17 59	1 14	23 53	0 11	20 21	1 33	21 45	0 44	20 30	1 7	24 35	2 16	3 5	3 31	26 36		n.a.
T 15	8 20	16 54	3 33	9 0	1 4	21 18	0 5	17 47	1 14	23 54	0 11	20 20	1 33	21 45	0 44	20 30	1 7	24 35	2 16	3 3	3 30	26 38		n.a.
F 16	7 57	11 9	2 35	9 44	0 44	21 9	0 0	17 35	1 14	23 54	0 11	20 18	1 33	21 46	0 44	20 30	1 7	24 36	2 16	3 1	3 29	26 39		n.a.
S 17	7 34	4 47	1 27	10 24	0 23	21 0	0n 4	17 24	1 14	23 55	0 11	20 17	1 33	21 46	0 44	20 31	1 7	24 36	2 16	3 0	3 27	26 41		n.a.
S 18	7 11	1s55	0 12	11 1	0 4	20 49	0 8	17 12	1 14	23 55	0 12	20 15	1 34	21 46	0 44	20 31	1 7	24 36	2 16	3 0	3 26	26 42		n.a.
M19	6 48	8 36	1s 4	11 33	0n15	20 39	0 12	16 59	1 14	23 55	0 12	20 13	1 34	21 47	0 44	20 31	1 7	24 36	2 16	3 0	3 25	26 44		n.a.
T 20	6 24	14 57	2 17	12 0	0 33	20 27	0 16	16 47	1 14	23 56	0 12	20 12	1 34	21 47	0 44	20 31	1 7	24 36	2 16	3 1	3 23	26 45		n.a.
W21	6 0	20 33	3 22	12 21	0 50	20 15	0 20	16 35	1 14	23 56	0 12	20 10	1 34	21 47	0 44	20 32	1 7	24 36	2 16	3 1	3 22	26 46		n.a.
T 22	5 37	25 0	4 15	12 37	1 5	20 2	0 24	16 22	1 14	23 57	0 12	20 9	1 34	21 47	0 44	20 32	1 7	24 36	2 16	3 2	3 21	26 48		n.a.
F 23	5 13	27 56	4 53	12 48	1 18	19 49	0 28	16 10	1 14	23 57	0 12	20 7	1 34	21 48	0 44	20 32	1 7	24 36	2 16	3 2	3 20	26 49		n.a.
S 24	4 49	29 4	5 12	12 53	1 30	19 35	0 32	15 57	1 14	23 58	0 12	20 6	1 34	21 48	0 44	20 32	1 7	24 36	2 16	3 2	3 18	26 51		n.a.
S 25	4 25	28 18	5 13	12 52	1 40	19 21	0 35	15 44	1 14	23 58	0 13	20 4	1 35	21 48	0 44	20 33	1 7	24 36	2 17	3 1	3 17	26 52		n.a.
M26	4 1	25 45	4 55	12 47	1 48	19 6	0 39	15 31	1 14	23 58	0 13	20 3	1 35	21 48	0 44	20 33	1 7	24 36	2 17	3 0	3 16	26 54		n.a.
T 27	3 37	21 42	4 20	12 38	1 55	18 50	0 42	15 18	1 14	23 59	0 13	20 1	1 35	21 48	0 44	20 33	1 7	24 37	2 17	2 59	3 15	26 55		n.a.
W28	3 12	16 32	3 31	12 24	2 1	18 34	0 46	15 5	1 14	23 59	0 13	20 0	1 35	21 49	0 43	20 33	1 7	24 37	2 17	2 59	3 13	26 57		n.a.
T 29	2 48	10 40	2 30	12 7	2 5	18 17	0 49	14 52	1 14	24 0	0 13	19 59	1 35	21 49	0 43	20 34	1 7	24 37	2 17	2 58	3 12	26 58		n.a.
F 30	2n24	4s26	1s23	11n46	2n 8	18n 0	0n53	14n38	1n14	24n 0	0n13	19n57	1n36	21s49	0s43	20s34	1s 7	24s37	2s17	2n57	3n11	26n59		n.a.

Julian Day Number = 1196071.5, Delta T = 09h27m17s
Ecliptic obliquity = 23°52'00, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'17, Lahiri = -23°48'17 Julian Calendar 1 Sept. 1439 BCE == Greg. Calendar 19 Aug. 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

OCTOBER 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 46 30	25♍ 4'30	5♈ 6	6♍20	14♌22	25♌28	25♊10	8♌45	27°R 7	4°R29	10♐ 8	7°D19	7♈49	10♊52	n.a.	S 1
S 2	23 50 26	26° 5'03	17°46	7°34	15°33	26° 7	25°15	8°51	27♑ 6	4♒28	10° 8	7♈19	7°46	10°59	n.a.	S 2
M 3	23 54 23	27° 5'38	0♉11	8°51	16°45	26°47	25°19	8°57	27° 5	4°27	10° 9	7°20	7°43	11° 5	n.a.	M 3
T 4	23 58 20	28° 6'15	12°22	10°11	17°56	27°26	25°24	9° 2	27° 4	4°26	10°10	7°21	7°40	11°12	n.a.	T 4
W 5	0 2 16	29° 6'54	24°23	11°34	19° 8	28° 5	25°28	9° 8	27° 3	4°25	10°11	7°22	7°37	11°19	n.a.	W 5
T 6	0 6 13	0♎ 7'35	6♊17	12°59	20°20	28°45	25°31	9°13	27° 3	4°24	10°12	7°22	7°34	11°25	n.a.	T 6
F 7	0 10 9	1° 8'18	18° 9	14°26	21°32	29°24	25°35	9°19	27° 2	4°24	10°13	7°23	7°30	11°32	n.a.	F 7
S 8	0 14 6	2° 9'02	0♋ 2	15°54	22°44	0♍ 3	25°39	9°24	27° 1	4°23	10°14	7°R23	7°27	11°39	n.a.	S 8
S 9	0 18 2	3° 9'48	12° 2	17°24	23°56	0°43	25°42	9°30	27° 1	4°22	10°15	7°23	7°24	11°46	n.a.	S 9
M10	0 21 59	4°10'36	24°12	18°55	25° 8	1°22	25°45	9°35	27° 0	4°22	10°16	7°23	7°21	11°52	n.a.	M10
T 11	0 25 55	5°11'26	6♌39	20°27	26°20	2° 2	25°48	9°40	27° 0	4°21	10°17	7°23	7°18	11°59	n.a.	T 11
W12	0 29 52	6°12'18	19°24	21°59	27°33	2°41	25°51	9°45	26°59	4°20	10°18	7°22	7°15	12° 6	n.a.	W12
T 13	0 33 49	7°13'11	2♍31	23°32	28°45	3°21	25°54	9°50	26°59	4°20	10°19	7°D22	7°11	12°12	n.a.	T 13
F 14	0 37 45	8°14'05	16° 1	25° 5	29°58	4° 0	25°56	9°55	26°59	4°19	10°20	7°22	7° 8	12°19	n.a.	F 14
S 15	0 41 42	9°15'01	29°52	26°39	1♍10	4°40	25°58	10° 0	26°58	4°19	10°21	7°R22	7° 5	12°26	n.a.	S 15
S 16	0 45 38	10°15'58	14♎ 3	28°12	2°23	5°19	26° 0	10° 5	26°58	4°18	10°22	7°22	7° 2	12°32	n.a.	S 16
M17	0 49 35	11°16'57	28°28	29°47	3°36	5°59	26° 2	10°10	26°58	4°18	10°23	7°22	6°59	12°39	n.a.	M17
T 18	0 53 31	12°17'57	13♏ 2	1♎21	4°49	6°38	26° 4	10°14	26°58	4°17	10°24	7°22	6°55	12°46	n.a.	T 18
W19	0 57 28	13°18'58	27°39	2°55	6° 2	7°18	26° 5	10°19	26°58	4°17	10°25	7°21	6°52	12°53	n.a.	W19
T 20	1 1 24	14°20'00	12♐13	4°29	7°15	7°58	26° 6	10°24	26°D58	4°17	10°27	7°20	6°49	12°59	n.a.	T 20
F 21	1 5 21	15°21'03	26°38	6° 3	8°28	8°37	26° 7	10°28	26°58	4°16	10°28	7°20	6°46	13° 6	n.a.	F 21
S 22	1 9 18	16°22'06	10♑51	7°38	9°41	9°17	26° 8	10°32	26°58	4°16	10°29	7°D19	6°43	13°13	n.a.	S 22
S 23	1 13 14	17°23'11	24°51	9°12	10°55	9°56	26° 9	10°37	26°58	4°16	10°31	7°19	6°40	13°19	n.a.	S 23
M24	1 17 11	18°24'16	8♒35	10°46	12° 8	10°36	26° 9	10°41	26°58	4°16	10°32	7°20	6°36	13°26	n.a.	M24
T 25	1 21 7	19°25'22	22° 4	12°20	13°22	11°16	26°10	10°45	26°58	4°16	10°33	7°21	6°33	13°33	n.a.	T 25
W26	1 25 4	20°26'28	5♓19	13°55	14°35	11°56	26°R10	10°49	26°59	4°15	10°35	7°22	6°30	13°40	n.a.	W26
T 27	1 29 0	21°27'35	18°20	15°29	15°49	12°35	26°10	10°53	26°59	4°15	10°36	7°23	6°27	13°46	n.a.	T 27
F 28	1 32 57	22°28'43	1♈ 8	17° 3	17° 2	13°15	26° 9	10°57	26°59	4°15	10°37	7°R24	6°24	13°53	n.a.	F 28
S 29	1 36 53	23°29'52	13°44	18°37	18°16	13°55	26° 9	11° 0	27° 0	4°D15	10°39	7°24	6°20	14° 0	n.a.	S 29
S 30	1 40 50	24°31'01	26° 9	20°11	19°30	14°34	26° 8	11° 4	27° 0	4°15	10°40	7°23	6°17	14° 6	n.a.	S 30
M31	1 44 47	25♎32'12	8♉24	21♎46	20♍43	15♍14	26♊ 7	11♌ 8	27♑ 1	4♒15	10♐42	7♈21	6♈14	14♊13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n59	1n52	0s12	11n22	2n11	17n42	0n56	14n25	1n14	24n 0	0n14	19n56	1n36	21s49	0s43	20s34	1s 7	24s37	2s17	2n57	3n 9	27n 1		n.a.
S 2	1 35	7 58	0n58	10 55	2 12	17 24	0 59	14 11	1 14	24 1	0 14	19 54	1 36	21 49	0 43	20 34	1 7	24 37	2 17	2 57	3 8	27 2		n.a.
M 3	1 11	13 39	2 3	10 26	2 12	17 5	1 2	13 58	1 14	24 1	0 14	19 53	1 36	21 49	0 43	20 34	1 7	24 37	2 17	2 58	3 7	27 4		n.a.
T 4	0 46	18 42	3 2	9 54	2 11	16 45	1 5	13 44	1 14	24 1	0 14	19 52	1 36	21 50	0 43	20 35	1 7	24 37	2 17	2 58	3 6	27 5		n.a.
W 5	0 21	22 57	3 52	9 21	2 10	16 25	1 8	13 30	1 14	24 2	0 14	19 50	1 36	21 50	0 43	20 35	1 7	24 38	2 17	2 58	3 4	27 6		n.a.
T 6	0s 3	26 12	4 32	8 46	2 8	16 5	1 11	13 16	1 14	24 2	0 14	19 49	1 37	21 50	0 43	20 35	1 7	24 38	2 17	2 59	3 3	27 8		n.a.
F 7	0 28	28 18	4 59	8 9	2 5	15 44	1 13	13 2	1 14	24 2	0 15	19 48	1 37	21 50	0 43	20 35	1 7	24 38	2 17	2 59	3 2	27 9		n.a.
S 8	0 52	29 6	5 14	7 31	2 2	15 23	1 16	12 48	1 14	24 2	0 15	19 46	1 37	21 50	0 43	20 35	1 7	24 38	2 17	2 59	3 1	27 10		n.a.
S 9	1 17	28 33	5 16	6 52	1 58	15 1	1 18	12 33	1 13	24 3	0 15	19 45	1 37	21 50	0 43	20 35	1 7	24 38	2 17	2 59	2 59	27 12		n.a.
M10	1 41	26 38	5 4	6 12	1 54	14 38	1 21	12 19	1 13	24 3	0 15	19 44	1 37	21 50	0 43	20 36	1 7	24 38	2 17	2 59	2 58	27 13		n.a.
T 11	2 6	23 24	4 37	5 31	1 49	14 16	1 23	12 5	1 13	24 3	0 15	19 43	1 38	21 50	0 43	20 36	1 7	24 39	2 17	2 59	2 57	27 14		n.a.
W12	2 30	18 59	3 56	4 50	1 45	13 52	1 25	11 50	1 13	24 4	0 16	19 41	1 38	21 50	0 43	20 36	1 7	24 39	2 17	2 59	2 55	27 16		n.a.
T 13	2 55	13 35	3 2	4 8	1 39	13 29	1 27	11 36	1 13	24 4	0 16	19 40	1 38	21 50	0 43	20 36	1 7	24 39	2 17	2 59	2 54	27 17		n.a.
F 14	3 19	7 23	1 56	3 25	1 34	13 5	1 30	11 21	1 13	24 4	0 16	19 39	1 38	21 50	0 43	20 36	1 7	24 39	2 17	2 59	2 53	27 18		n.a.
S 15	3 44	0 41	0 42	2 42	1 29	12 40	1 32	11 6	1 13	24 4	0 16	19 38	1 38	21 50	0 43	20 36	1 7	24 39	2 17	2 59	2 52	27 20		n.a.
S 16	4 8	6s12	0s37	1 59	1 23	12 15	1 33	10 51	1 13	24 5	0 16	19 37	1 39	21 50	0 43	20 36	1 7	24 40	2 17	2 59	2 50	27 21		n.a.
M17	4 32	12 54	1 54	1 16	1 17	11 50	1 35	10 36	1 13	24 5	0 16	19 36	1 39	21 50	0 43	20 36	1 7	24 40	2 17	2 59	2 49	27 22		n.a.
T 18	4 57	18 58	3 5	0 32	1 11	11 25	1 37	10 21	1 13	24 5	0 17	19 35	1 39	21 50	0 43	20 36	1 7	24 40	2 17	2 58	2 48	27 23		n.a.
W19	5 21	23 57	4 4	0s12	1 4	10 59	1 38	10 6	1 13	24 5	0 17	19 34	1 39	21 50	0 43	20 36	1 7	24 40	2 17	2 58	2 46	27 25		n.a.
T 20	5 45	27 24	4 47	0 56	0 58	10 33	1 40	9 51	1 13	24 5	0 17	19 32	1 39	21 50	0 43	20 37	1 7	24 40	2 17	2 58	2 45	27 26		n.a.
F 21	6 9	29 1	5 11	1 40	0 52	10 6	1 41	9 36	1 13	24 6	0 17	19 31	1 40	21 50	0 43	20 37	1 7	24 41	2 17	2 58	2 44	27 27		n.a.
S 22	6 33	28 40	5 16	2 23	0 45	9 39	1 43	9 21	1 12	24 6	0 17	19 30	1 40	21 50	0 43	20 37	1 7	24 41	2 17	2 57	2 43	27 28		n.a.
S 23	6 57	26 29	5 2	3 7	0 39	9 12	1 44	9 5	1 12	24 6	0 18	19 29	1 40	21 50	0 43	20 37	1 7	24 41	2 17	2 57	2 41	27 30		n.a.
M24	7 20	22 47	4 31	3 51	0 32	8 45	1 45	8 50	1 12	24 6	0 18	19 28	1 40	21 50	0 43	20 37	1 6	24 41	2 17	2 58	2 40	27 31		n.a.
T 25	7 44	17 57	3 45	4 34	0 25	8 17	1 46	8 35	1 12	24 7	0 18	19 28	1 41	21 50	0 43	20 37	1 6	24 41	2 17	2 58	2 39	27 32		n.a.
W26	8 7	12 20	2 48	5 18	0 19	7 49	1 47	8 19	1 12	24 7	0 18	19 27	1 41	21 50	0 43	20 37	1 6	24 42	2 17	2 58	2 38	27 33		n.a.
T 27	8 31	6 17	1 44	6 1	0 12	7 21	1 48	8 4	1 12	24 7	0 18	19 26	1 41	21 50	0 43	20 37	1 6	24 42	2 17	2 59	2 36	27 34		n.a.
F 28	8 54	0 4	0 35	6 44	0 6	6 52	1 49	7 48	1 12	24 7	0 19	19 25	1 41	21 50	0 43	20 37	1 6	24 42	2 17	2 59	2 35	27 36		n.a.
S 29	9 17	6n 3	0n35	7 26	0s 1	6 24	1 49	7 32	1 12	24 7	0 19	19 24	1 41	21 50	0 43	20 37	1 6	24 42	2 17	2 59	2 34	27 37		n.a.
S 30	9 40	11 51	1 42	8 9	0 8	5 55	1 50	7 17	1 12	24 7	0 19	19 23	1 42	21 49	0 42	20 37	1 6	24 43	2 17	2 59	2 32	27 38		n.a.
M31	10s 3	17n 7	2n43	8s51	0s14	5n26	1n50	7n 1	1n11	24n 8	0n19	19n22	1n42	21s49	0s42	20s37	1s 6	24s43	2s18	2n58	2n31	27n39		n.a.

Julian Day Number = 1196101.5, Delta T = 09h27m16s
Ecliptic obliquity = 23°52'00, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'13, Lahiri = -23°48'13 Julian Calendar 1 Oct. 1439 BCE == Greg. Calendar 18 Sept. 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

NOVEMBER 1439 BCE (-1438) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 48 43	26♎33'23	20♉29	23♎20	21♍57	15♍54	26°R 6	11♌11	27♑ 1	4♒15	10♐43	7°R18	6♈11	14♊20	n.a.	T 1
W 2	1 52 40	27°34'35	2♊28	24°54	23°11	16°34	26♊ 5	11°15	27° 2	4°16	10°45	7♈15	6° 8	14°27	n.a.	W 2
T 3	1 56 36	28°35'47	14°21	26°28	24°25	17°14	26° 3	11°18	27° 3	4°16	10°46	7°11	6° 5	14°33	n.a.	T 3
F 4	2 0 33	29°37'01	26°12	28° 3	25°39	17°53	26° 1	11°21	27° 4	4°16	10°48	7° 8	6° 1	14°40	n.a.	F 4
S 5	2 4 29	0♏38'16	8♋ 4	29°37	26°53	18°33	25°59	11°24	27° 4	4°16	10°49	7° 5	5°58	14°47	n.a.	S 5
S 6	2 8 26	1°39'31	20° 2	1♏12	28° 7	19°13	25°57	11°27	27° 5	4°16	10°51	7° 3	5°55	14°53	n.a.	S 6
M 7	2 12 22	2°40'47	2♌ 9	2°47	29°21	19°53	25°55	11°30	27° 6	4°17	10°53	7°D 2	5°52	15° 0	n.a.	M 7
T 8	2 16 19	3°42'04	14°30	4°22	0♎36	20°33	25°53	11°33	27° 7	4°17	10°54	7° 3	5°49	15° 7	n.a.	T 8
W 9	2 20 16	4°43'21	27°11	5°57	1°50	21°13	25°50	11°36	27° 8	4°17	10°56	7° 4	5°46	15°14	n.a.	W 9
T 10	2 24 12	5°44'39	10♍14	7°32	3° 4	21°53	25°47	11°38	27° 9	4°18	10°57	7° 6	5°42	15°20	n.a.	T 10
F 11	2 28 9	6°45'58	23°43	9° 7	4°18	22°33	25°44	11°41	27°10	4°18	10°59	7° 7	5°39	15°27	n.a.	F 11
S 12	2 32 5	7°47'17	7♎40	10°43	5°33	23°13	25°41	11°43	27°11	4°19	11° 1	7°R 8	5°36	15°34	n.a.	S 12
S 13	2 36 2	8°48'37	22° 2	12°19	6°47	23°53	25°37	11°45	27°13	4°19	11° 2	7° 7	5°33	15°40	n.a.	S 13
M14	2 39 58	9°49'56	6♏47	13°55	8° 1	24°33	25°34	11°48	27°14	4°20	11° 4	7° 5	5°30	15°47	n.a.	M14
T 15	2 43 55	10°51'17	21°46	15°31	9°16	25°13	25°30	11°50	27°15	4°20	11° 6	7° 1	5°26	15°54	n.a.	T 15
W16	2 47 52	11°52'37	6♐50	17° 7	10°30	25°53	25°26	11°52	27°17	4°21	11° 8	6°55	5°23	16° 1	n.a.	W16
T 17	2 51 48	12°53'57	21°51	18°44	11°45	26°33	25°22	11°54	27°18	4°21	11° 9	6°50	5°20	16° 7	n.a.	T 17
F 18	2 55 45	13°55'18	6♑40	20°21	12°59	27°13	25°17	11°56	27°19	4°22	11°11	6°45	5°17	16°14	n.a.	F 18
S 19	2 59 41	14°56'38	21° 9	21°58	14°14	27°53	25°13	11°57	27°21	4°23	11°13	6°41	5°14	16°21	n.a.	S 19
S 20	3 3 38	15°57'57	5♒16	23°36	15°28	28°33	25° 8	11°59	27°22	4°24	11°15	6°39	5°11	16°27	n.a.	S 20
M21	3 7 34	16°59'17	18°59	25°13	16°43	29°13	25° 3	12° 0	27°24	4°24	11°17	6°D38	5° 7	16°34	n.a.	M21
T 22	3 11 31	18° 0'35	2♓20	26°51	17°57	29°53	24°58	12° 2	27°26	4°25	11°18	6°39	5° 4	16°41	n.a.	T 22
W23	3 15 28	19° 1'53	15°20	28°29	19°12	0♎34	24°53	12° 3	27°27	4°26	11°20	6°40	5° 1	16°48	n.a.	W23
T 24	3 19 24	20° 3'11	28° 3	0♐ 7	20°27	1°14	24°48	12° 4	27°29	4°27	11°22	6°42	4°58	16°54	n.a.	T 24
F 25	3 23 21	21° 4'29	10♈33	1°45	21°41	1°54	24°42	12° 5	27°31	4°28	11°24	6°R42	4°55	17° 1	n.a.	F 25
S 26	3 27 17	22° 5'45	22°52	3°23	22°56	2°34	24°36	12° 6	27°33	4°29	11°26	6°40	4°52	17° 8	n.a.	S 26
S 27	3 31 14	23° 7'02	5♉ 2	5° 1	24°10	3°14	24°31	12° 7	27°34	4°30	11°28	6°37	4°48	17°15	n.a.	S 27
M28	3 35 10	24° 8'18	17° 5	6°39	25°25	3°54	24°25	12° 8	27°36	4°31	11°30	6°30	4°45	17°21	n.a.	M28
T 29	3 39 7	25° 9'34	29° 4	8°16	26°40	4°35	24°19	12° 8	27°38	4°32	11°31	6°22	4°42	17°28	n.a.	T 29
W30	3 43 3	26♏10'49	10♊58	9♐53	27♎54	5♎15	24♊12	12♌ 9	27♑40	4♒33	11♐33	6♈12	4♈39	17♊35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s25	21n39	3n36	9s32	0s20	4n56	1n51	6n45	1n11	24n 8	0n19	19n22	1n42	21s49	0s42	20s37	1s 6	24s43	2s18	2n57	2n30	27n40		n.a.
W 2	10 48	25 14	4 18	10 13	0 27	4 27	1 51	6 29	1 11	24 8	0 20	19 21	1 42	21 49	0 42	20 36	1 6	24 43	2 18	2 56	2 29	27 41		n.a.
T 3	11 10	27 43	4 50	10 54	0 33	3 57	1 51	6 13	1 11	24 8	0 20	19 20	1 43	21 49	0 42	20 36	1 6	24 44	2 18	2 54	2 27	27 43		n.a.
F 4	11 32	28 57	5 8	11 35	0 39	3 27	1 51	5 57	1 11	24 8	0 20	19 20	1 43	21 49	0 42	20 36	1 6	24 44	2 18	2 53	2 26	27 44		n.a.
S 5	11 54	28 50	5 14	12 14	0 45	2 58	1 52	5 41	1 11	24 8	0 20	19 19	1 43	21 48	0 42	20 36	1 6	24 44	2 18	2 52	2 25	27 45		n.a.
S 6	12 16	27 23	5 6	12 54	0 51	2 28	1 51	5 25	1 11	24 8	0 20	19 18	1 43	21 48	0 42	20 36	1 6	24 45	2 18	2 51	2 23	27 46		n.a.
M 7	12 37	24 39	4 45	13 33	0 57	1 57	1 51	5 9	1 10	24 9	0 20	19 18	1 44	21 48	0 42	20 36	1 6	24 45	2 18	2 51	2 22	27 47		n.a.
T 8	12 58	20 44	4 10	14 11	1 3	1 27	1 51	4 53	1 10	24 9	0 21	19 17	1 44	21 48	0 42	20 36	1 6	24 45	2 18	2 51	2 21	27 48		n.a.
W 9	13 19	15 49	3 22	14 49	1 8	0 57	1 51	4 37	1 10	24 9	0 21	19 17	1 44	21 48	0 42	20 36	1 6	24 45	2 18	2 51	2 20	27 49		n.a.
T 10	13 40	10 3	2 22	15 26	1 14	0 27	1 51	4 20	1 10	24 9	0 21	19 16	1 44	21 47	0 42	20 36	1 6	24 46	2 18	2 52	2 18	27 50		n.a.
F 11	14 1	3 39	1 13	16 2	1 19	0s 4	1 50	4 4	1 10	24 9	0 21	19 16	1 45	21 47	0 42	20 36	1 6	24 46	2 18	2 53	2 17	27 51		n.a.
S 12	14 21	3s 8	0s 3	16 38	1 24	0 34	1 50	3 48	1 9	24 9	0 21	19 15	1 45	21 47	0 42	20 35	1 6	24 46	2 18	2 53	2 16	27 52		n.a.
S 13	14 41	9 59	1 21	17 13	1 29	1 5	1 49	3 32	1 9	24 9	0 22	19 15	1 45	21 47	0 42	20 35	1 6	24 47	2 18	2 52	2 14	27 53		n.a.
M14	15 1	16 27	2 35	17 47	1 33	1 35	1 48	3 15	1 9	24 9	0 22	19 14	1 45	21 46	0 42	20 35	1 6	24 47	2 18	2 51	2 13	27 55		n.a.
T 15	15 21	22 3	3 39	18 20	1 38	2 6	1 47	2 59	1 9	24 9	0 22	19 14	1 46	21 46	0 42	20 35	1 6	24 47	2 18	2 50	2 12	27 56		n.a.
W16	15 40	26 15	4 29	18 52	1 42	2 36	1 47	2 43	1 9	24 9	0 22	19 14	1 46	21 46	0 42	20 35	1 6	24 47	2 18	2 48	2 11	27 57		n.a.
T 17	15 59	28 36	5 0	19 24	1 46	3 6	1 46	2 26	1 8	24 9	0 22	19 13	1 46	21 45	0 42	20 35	1 6	24 48	2 18	2 45	2 9	27 58		n.a.
F 18	16 18	28 52	5 11	19 54	1 49	3 37	1 45	2 10	1 8	24 9	0 23	19 13	1 46	21 45	0 42	20 34	1 6	24 48	2 18	2 43	2 8	27 59		n.a.
S 19	16 36	27 7	5 1	20 24	1 53	4 7	1 44	1 53	1 8	24 10	0 23	19 13	1 47	21 45	0 42	20 34	1 6	24 48	2 18	2 42	2 7	28 0		n.a.
S 20	16 55	23 42	4 33	20 52	1 56	4 37	1 42	1 37	1 8	24 10	0 23	19 13	1 47	21 44	0 42	20 34	1 6	24 49	2 18	2 41	2 6	28 1		n.a.
M21	17 13	19 2	3 50	21 19	1 58	5 8	1 41	1 20	1 7	24 10	0 23	19 12	1 47	21 44	0 42	20 34	1 6	24 49	2 19	2 41	2 4	28 2		n.a.
T 22	17 30	13 33	2 55	21 45	2 1	5 38	1 40	1 4	1 7	24 10	0 23	19 12	1 47	21 44	0 42	20 34	1 6	24 49	2 19	2 41	2 3	28 3		n.a.
W23	17 47	7 37	1 53	22 10	2 3	6 8	1 39	0 48	1 7	24 10	0 24	19 12	1 48	21 43	0 42	20 33	1 6	24 50	2 19	2 42	2 2	28 4		n.a.
T 24	18 4	1 30	0 47	22 33	2 4	6 38	1 37	0 31	1 7	24 10	0 24	19 12	1 48	21 43	0 42	20 33	1 6	24 50	2 19	2 42	2 0	28 5		n.a.
F 25	18 21	4n34	0n21	22 55	2 5	7 7	1 36	0 15	1 6	24 9	0 24	19 12	1 48	21 43	0 42	20 33	1 6	24 50	2 19	2 42	1 59	28 6		n.a.
S 26	18 37	10 22	1 26	23 16	2 6	7 37	1 34	0s 2	1 6	24 9	0 24	19 12	1 48	21 42	0 42	20 33	1 6	24 51	2 19	2 42	1 58	28 7		n.a.
S 27	18 53	15 44	2 27	23 35	2 6	8 6	1 33	0 18	1 6	24 9	0 24	19 12	1 49	21 42	0 42	20 32	1 6	24 51	2 19	2 40	1 57	28 7		n.a.
M28	19 8	20 26	3 20	23 52	2 6	8 35	1 31	0 35	1 5	24 9	0 25	19 12	1 49	21 41	0 42	20 32	1 6	24 51	2 19	2 38	1 55	28 8		n.a.
T 29	19 24	24 16	4 4	24 8	2 5	9 5	1 29	0 51	1 5	24 9	0 25	19 12	1 49	21 41	0 42	20 32	1 6	24 52	2 19	2 34	1 54	28 9		n.a.
W30	19s38	27n 3	4n37	24s22	2s 4	9s33	1n28	1s 8	1n 5	24n 9	0n25	19n12	1n49	21s41	0s42	20s32	1s 6	24s52	2s19	2n30	1n53	28n10		n.a.

Julian Day Number = 1196132.5, Delta T = 09h27m14s
Ecliptic obliquity = 23°52'00, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'09, Lahiri = -23°48'09 Julian Calendar 1 Nov. 1439 BCE == Greg. Calendar 19 Oct. 1439 BCE

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ASTRODIENST EPHEMERIS for the year 1439 BCE
geocentric

DECEMBER 1439 BCE (-1438) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 47 0	27♏12'04	22♊51	11♐30	29♎ 9	5♎55	24°R 6	12♌ 9	27♑42	4♒34	11♐35	6°R 2	4♈36	17♊41	n.a.	T 1
F 2	3 50 57	28°13'18	4♋43	13° 5	0♏24	6°35	24♊ 0	12°10	27°44	4°35	11°37	5♈51	4°32	17°48	n.a.	F 2
S 3	3 54 53	29°14'32	16°36	14°40	1°38	7°16	23°53	12°10	27°47	4°36	11°39	5°42	4°29	17°55	n.a.	S 3
S 4	3 58 50	0♐15'46	28°34	16°13	2°53	7°56	23°46	12°R10	27°49	4°37	11°41	5°35	4°26	18° 2	n.a.	S 4
M 5	4 2 46	1°16'59	10♌39	17°45	4° 8	8°36	23°39	12°10	27°51	4°39	11°43	5°30	4°23	18° 8	n.a.	M 5
T 6	4 6 43	2°18'12	22°57	19°15	5°23	9°17	23°33	12°10	27°53	4°40	11°45	5°28	4°20	18°15	n.a.	T 6
W 7	4 10 39	3°19'25	5♍30	20°42	6°37	9°57	23°25	12°10	27°55	4°41	11°47	5°D27	4°17	18°22	n.a.	W 7
T 8	4 14 36	4°20'37	18°25	22° 7	7°52	10°37	23°18	12° 9	27°58	4°42	11°49	5°28	4°13	18°28	n.a.	T 8
F 9	4 18 33	5°21'48	1♎46	23°28	9° 7	11°18	23°11	12° 9	28° 0	4°44	11°51	5°R29	4°10	18°35	n.a.	F 9
S 10	4 22 29	6°22'59	15°35	24°45	10°22	11°58	23° 4	12° 8	28° 2	4°45	11°53	5°28	4° 7	18°42	n.a.	S 10
S 11	4 26 26	7°24'09	29°53	25°57	11°36	12°38	22°56	12° 8	28° 5	4°47	11°55	5°26	4° 4	18°49	n.a.	S 11
M12	4 30 22	8°25'18	14♏38	27° 4	12°51	13°19	22°49	12° 7	28° 7	4°48	11°57	5°21	4° 1	18°55	n.a.	M12
T 13	4 34 19	9°26'27	29°44	28° 4	14° 6	13°59	22°41	12° 6	28°10	4°49	11°59	5°13	3°58	19° 2	n.a.	T 13
W14	4 38 15	10°27'35	15♐ 3	28°57	15°21	14°40	22°34	12° 5	28°12	4°51	12° 0	5° 4	3°54	19° 9	n.a.	W14
T 15	4 42 12	11°28'42	0♑23	29°43	16°35	15°20	22°26	12° 4	28°15	4°52	12° 2	4°53	3°51	19°15	n.a.	T 15
F 16	4 46 8	12°29'48	15°32	0♑19	17°50	16° 0	22°18	12° 3	28°17	4°54	12° 4	4°43	3°48	19°22	n.a.	F 16
S 17	4 50 5	13°30'53	0♒20	0°46	19° 5	16°41	22°10	12° 2	28°20	4°56	12° 6	4°35	3°45	19°29	n.a.	S 17
S 18	4 54 2	14°31'56	14°42	1° 3	20°20	17°21	22° 2	12° 0	28°23	4°57	12° 8	4°29	3°42	19°36	n.a.	S 18
M19	4 57 58	15°32'57	28°35	1°R 8	21°34	18° 2	21°55	11°59	28°25	4°59	12°10	4°26	3°38	19°42	n.a.	M19
T 20	5 1 55	16°33'57	12♓ 0	1° 3	22°49	18°42	21°47	11°57	28°28	5° 0	12°12	4°D24	3°35	19°49	n.a.	T 20
W21	5 5 51	17°34'56	24°59	0°46	24° 4	19°23	21°39	11°55	28°31	5° 2	12°14	4°24	3°32	19°56	n.a.	W21
T 22	5 9 48	18°35'53	7♈36	0°18	25°19	20° 3	21°31	11°54	28°34	5° 4	12°16	4°R24	3°29	20° 3	n.a.	T 22
F 23	5 13 44	19°36'48	19°57	29♐39	26°33	20°44	21°23	11°52	28°37	5° 5	12°18	4°23	3°26	20° 9	n.a.	F 23
S 24	5 17 41	20°37'42	2♉ 6	28°51	27°48	21°24	21°15	11°50	28°39	5° 7	12°20	4°20	3°23	20°16	n.a.	S 24
S 25	5 21 38	21°38'34	14° 7	27°55	29° 3	22° 5	21° 7	11°48	28°42	5° 9	12°22	4°14	3°19	20°23	n.a.	S 25
M26	5 25 34	22°39'25	26° 2	26°51	0♐17	22°45	20°59	11°45	28°45	5°11	12°24	4° 5	3°16	20°29	n.a.	M26
T 27	5 29 31	23°40'14	7♊55	25°43	1°32	23°26	20°51	11°43	28°48	5°12	12°26	3°53	3°13	20°36	n.a.	T 27
W28	5 33 27	24°41'02	19°47	24°31	2°47	24° 6	20°43	11°41	28°51	5°14	12°28	3°39	3°10	20°43	n.a.	W28
T 29	5 37 24	25°41'48	1♋40	23°19	4° 1	24°47	20°35	11°38	28°54	5°16	12°30	3°25	3° 7	20°50	n.a.	T 29
F 30	5 41 20	26°42'33	13°35	22° 8	5°16	25°27	20°27	11°36	28°57	5°18	12°32	3°10	3° 4	20°56	n.a.	F 30
S 31	5 45 17	27♐43'16	25♋33	21♐ 0	6♐31	26♎ 8	20♊19	11♌33	29♑ 0	5♒20	12♐33	2♈57	3♈ 0	21♊ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19s53	28n37	4n57	24s34	2s 1	10s 2	1n26	1s24	1n 5	24n 9	0n25	19n12	1n50	21s40	0s42	20s31	1s 5	24s52	2s19	2n26	1n51	28n11		n.a.	T 1
F 2	20 7	28 52	5 5	24 44	1 59	10 30	1 24	1 41	1 4	24 9	0 25	19 13	1 50	21 40	0 41	20 31	1 5	24 53	2 19	2 22	1 50	28 12		n.a.	F 2
S 3	20 21	27 46	5 0	24 52	1 55	10 59	1 22	1 57	1 4	24 9	0 26	19 13	1 50	21 39	0 41	20 31	1 5	24 53	2 19	2 18	1 49	28 13		n.a.	S 3
S 4	20 34	25 24	4 41	24 59	1 51	11 26	1 20	2 14	1 4	24 9	0 26	19 13	1 50	21 39	0 41	20 30	1 5	24 53	2 19	2 15	1 48	28 14		n.a.	S 4
M 5	20 47	21 53	4 10	25 3	1 46	11 54	1 18	2 30	1 3	24 9	0 26	19 13	1 51	21 38	0 41	20 30	1 5	24 54	2 19	2 13	1 46	28 15		n.a.	M 5
T 6	21 0	17 22	3 27	25 5	1 40	12 21	1 16	2 47	1 3	24 8	0 26	19 13	1 51	21 38	0 41	20 30	1 5	24 54	2 19	2 12	1 45	28 16		n.a.	T 6
W 7	21 12	12 1	2 33	25 5	1 33	12 48	1 14	3 3	1 3	24 8	0 26	19 14	1 51	21 37	0 41	20 29	1 5	24 54	2 20	2 12	1 44	28 17		n.a.	W 7
T 8	21 23	6 2	1 30	25 3	1 25	13 15	1 12	3 20	1 2	24 8	0 26	19 14	1 52	21 37	0 41	20 29	1 5	24 55	2 20	2 13	1 42	28 17		n.a.	T 8
F 9	21 35	0s25	0 20	24 59	1 17	13 42	1 9	3 36	1 2	24 8	0 27	19 15	1 52	21 36	0 41	20 29	1 5	24 55	2 20	2 13	1 41	28 18		n.a.	F 9
S 10	21 46	7 4	0s54	24 53	1 7	14 8	1 7	3 52	1 1	24 8	0 27	19 15	1 52	21 36	0 41	20 28	1 5	24 55	2 20	2 13	1 40	28 19		n.a.	S 10
S 11	21 56	13 35	2 6	24 44	0 56	14 33	1 5	4 9	1 1	24 7	0 27	19 15	1 52	21 35	0 41	20 28	1 5	24 56	2 20	2 12	1 39	28 20		n.a.	S 11
M12	22 6	19 34	3 13	24 34	0 44	14 59	1 3	4 25	1 1	24 7	0 27	19 16	1 53	21 35	0 41	20 28	1 5	24 56	2 20	2 10	1 37	28 21		n.a.	M12
T 13	22 16	24 28	4 7	24 23	0 31	15 24	1 0	4 41	1 0	24 7	0 27	19 16	1 53	21 34	0 41	20 27	1 5	24 56	2 20	2 7	1 36	28 22		n.a.	T 13
W14	22 25	27 43	4 44	24 9	0 17	15 48	0 58	4 58	1 0	24 7	0 28	19 17	1 53	21 34	0 41	20 27	1 5	24 57	2 20	2 3	1 35	28 22		n.a.	W14
T 15	22 34	28 53	5 1	23 54	0 2	16 12	0 56	5 14	0 59	24 6	0 28	19 17	1 53	21 33	0 41	20 26	1 5	24 57	2 20	1 59	1 33	28 23		n.a.	T 15
F 16	22 42	27 52	4 57	23 38	0n14	16 36	0 53	5 30	0 59	24 6	0 28	19 18	1 54	21 33	0 41	20 26	1 5	24 57	2 20	1 54	1 32	28 24		n.a.	F 16
S 17	22 50	24 52	4 33	23 21	0 31	16 59	0 51	5 46	0 59	24 6	0 28	19 19	1 54	21 32	0 41	20 26	1 5	24 58	2 20	1 51	1 31	28 25		n.a.	S 17
S 18	22 57	20 24	3 52	23 4	0 48	17 22	0 48	6 2	0 58	24 5	0 28	19 19	1 54	21 31	0 41	20 25	1 5	24 58	2 20	1 49	1 30	28 25		n.a.	S 18
M19	23 4	14 57	2 58	22 45	1 6	17 45	0 46	6 18	0 58	24 5	0 28	19 20	1 54	21 31	0 41	20 25	1 5	24 59	2 21	1 47	1 28	28 26		n.a.	M19
T 20	23 10	8 58	1 56	22 27	1 25	18 7	0 43	6 34	0 57	24 5	0 29	19 21	1 55	21 30	0 41	20 24	1 5	24 59	2 21	1 47	1 27	28 27		n.a.	T 20
W21	23 16	2 47	0 50	22 8	1 44	18 28	0 41	6 50	0 57	24 4	0 29	19 21	1 55	21 30	0 41	20 24	1 5	24 59	2 21	1 47	1 26	28 28		n.a.	W21
T 22	23 22	3n20	0n17	21 50	2 2	18 49	0 38	7 6	0 56	24 4	0 29	19 22	1 55	21 29	0 41	20 23	1 5	25 0	2 21	1 47	1 24	28 29		n.a.	T 22
F 23	23 27	9 11	1 21	21 32	2 20	19 9	0 36	7 22	0 56	24 4	0 29	19 23	1 55	21 28	0 41	20 23	1 5	25 0	2 21	1 47	1 23	28 29		n.a.	F 23
S 24	23 32	14 37	2 21	21 15	2 37	19 29	0 33	7 38	0 55	24 3	0 29	19 24	1 56	21 28	0 41	20 23	1 5	25 0	2 21	1 45	1 22	28 30		n.a.	S 24
S 25	23 36	19 26	3 13	20 58	2 53	19 48	0 31	7 54	0 55	24 3	0 29	19 24	1 56	21 27	0 41	20 22	1 5	25 1	2 21	1 43	1 21	28 31		n.a.	S 25
M26	23 39	23 26	3 57	20 43	3 7	20 7	0 28	8 10	0 54	24 3	0 29	19 25	1 56	21 27	0 41	20 22	1 5	25 1	2 21	1 39	1 19	28 31		n.a.	M26
T 27	23 43	26 27	4 30	20 29	3 19	20 25	0 25	8 25	0 54	24 2	0 30	19 26	1 56	21 26	0 41	20 21	1 5	25 1	2 21	1 34	1 18	28 32		n.a.	T 27
W28	23 45	28 18	4 51	20 16	3 29	20 43	0 23	8 41	0 53	24 2	0 30	19 27	1 56	21 25	0 41	20 21	1 5	25 2	2 21	1 29	1 17	28 33		n.a.	W28
T 29	23 48	28 50	4 59	20 5	3 37	21 0	0 20	8 57	0 53	24 1	0 30	19 28	1 57	21 25	0 41	20 20	1 5	25 2	2 21	1 23	1 16	28 33		n.a.	T 29
F 30	23 49	28 2	4 54	19 56	3 42	21 16	0 17	9 12	0 52	24 1	0 30	19 29	1 57	21 24	0 41	20 20	1 5	25 2	2 22	1 17	1 14	28 34		n.a.	F 30
S 31	23s51	25n56	4n37	19s49	3n45	21s32	0n15	9s28	0n52	24n 0	0n30	19n30	1n57	21s23	0s41	20s19	1s 5	25s 3	2s22	1n11	1n13	28n35		n.a.	S 31

Julian Day Number = 1196162.5, Delta T = 09h27m12s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'05, Lahiri = -23°48'04 Julian Calendar 1 Dec. 1439 BCE == Greg. Calendar 18 Nov. 1439 BCE

The year -1438 astronomical counting style corresponds to year 1439 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

JANUARY 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 49 13	28♐43'58	7♌36	19°R56	7♐45	26♎48	20°R11	11°R30	29♑ 3	5♒22	12♐35	2°R46	2♈57	21♊10	n.a.	S 1
M 2	5 53 10	29°44'38	19°46	18♐58	9° 0	27°29	20♊ 3	11♌28	29° 6	5°24	12°37	2♈38	2°54	21°16	n.a.	M 2
T 3	5 57 7	0♑45'17	2♍ 6	18° 6	10°15	28°10	19°56	11°25	29° 9	5°26	12°39	2°33	2°51	21°23	n.a.	T 3
W 4	6 1 3	1°45'55	14°40	17°22	11°29	28°50	19°48	11°22	29°12	5°27	12°41	2°30	2°48	21°30	n.a.	W 4
T 5	6 5 0	2°46'31	27°31	16°46	12°44	29°31	19°40	11°19	29°15	5°29	12°43	2°30	2°44	21°37	n.a.	T 5
F 6	6 8 56	3°47'05	10♎43	16°17	13°59	0♏11	19°33	11°16	29°19	5°31	12°45	2°30	2°41	21°43	n.a.	F 6
S 7	6 12 53	4°47'38	24°21	15°57	15°13	0°52	19°25	11°12	29°22	5°33	12°47	2°29	2°38	21°50	n.a.	S 7
S 8	6 16 49	5°48'10	8♏26	15°44	16°28	1°33	19°18	11° 9	29°25	5°35	12°48	2°26	2°35	21°57	n.a.	S 8
M 9	6 20 46	6°48'41	22°58	15°D38	17°43	2°13	19°10	11° 6	29°28	5°37	12°50	2°21	2°32	22° 4	n.a.	M 9
T 10	6 24 42	7°49'09	7♐53	15°40	18°57	2°54	19° 3	11° 2	29°31	5°40	12°52	2°12	2°29	22°10	n.a.	T 10
W11	6 28 39	8°49'37	23° 5	15°48	20°12	3°35	18°56	10°59	29°35	5°42	12°54	2° 2	2°25	22°17	n.a.	W11
T 12	6 32 36	9°50'02	8♑24	16° 2	21°26	4°15	18°49	10°55	29°38	5°44	12°56	1°50	2°22	22°24	n.a.	T 12
F 13	6 36 32	10°50'26	23°37	16°22	22°41	4°56	18°42	10°51	29°41	5°46	12°57	1°39	2°19	22°30	n.a.	F 13
S 14	6 40 29	11°50'47	8♒35	16°48	23°55	5°37	18°35	10°48	29°45	5°48	12°59	1°29	2°16	22°37	n.a.	S 14
S 15	6 44 25	12°51'07	23° 8	17°18	25°10	6°17	18°28	10°44	29°48	5°50	13° 1	1°22	2°13	22°44	n.a.	S 15
M16	6 48 22	13°51'24	7♓11	17°54	26°25	6°58	18°22	10°40	29°51	5°52	13° 3	1°18	2°10	22°51	n.a.	M16
T 17	6 52 18	14°51'39	20°45	18°33	27°39	7°38	18°15	10°36	29°54	5°54	13° 4	1°16	2° 6	22°57	n.a.	T 17
W18	6 56 15	15°51'52	3♈51	19°17	28°54	8°19	18° 9	10°32	29°58	5°56	13° 6	1°D15	2° 3	23° 4	n.a.	W18
T 19	7 0 11	16°52'02	16°32	20° 4	0♑ 8	9° 0	18° 2	10°28	0♒ 1	5°59	13° 8	1°R16	2° 0	23°11	n.a.	T 19
F 20	7 4 8	17°52'10	28°54	20°55	1°23	9°40	17°56	10°24	0° 5	6° 1	13°10	1°15	1°57	23°17	n.a.	F 20
S 21	7 8 5	18°52'16	11♉ 1	21°48	2°37	10°21	17°50	10°20	0° 8	6° 3	13°11	1°13	1°54	23°24	n.a.	S 21
S 22	7 12 1	19°52'20	22°59	22°45	3°52	11° 2	17°45	10°16	0°11	6° 5	13°13	1° 8	1°50	23°31	n.a.	S 22
M23	7 15 58	20°52'22	4♊51	23°45	5° 6	11°42	17°39	10°12	0°15	6° 7	13°14	1° 1	1°47	23°38	n.a.	M23
T 24	7 19 54	21°52'21	16°42	24°47	6°20	12°23	17°33	10° 7	0°18	6°10	13°16	0°51	1°44	23°44	n.a.	T 24
W25	7 23 51	22°52'18	28°34	25°52	7°35	13° 4	17°28	10° 3	0°21	6°12	13°18	0°39	1°41	23°51	n.a.	W25
T 26	7 27 47	23°52'13	10♋29	26°59	8°49	13°44	17°23	9°59	0°25	6°14	13°19	0°26	1°38	23°58	n.a.	T 26
F 27	7 31 44	24°52'05	22°29	28° 8	10° 4	14°25	17°18	9°54	0°28	6°16	13°21	0°13	1°35	24° 5	n.a.	F 27
S 28	7 35 40	25°51'56	4♌36	29°19	11°18	15° 6	17°13	9°50	0°32	6°19	13°22	0° 1	1°31	24°11	n.a.	S 28
S 29	7 39 37	26°51'44	16°49	0♑32	12°33	15°46	17° 8	9°45	0°35	6°21	13°24	29♓52	1°28	24°18	n.a.	S 29
M30	7 43 34	27°51'30	29°11	1°47	13°47	16°27	17° 3	9°41	0°38	6°23	13°25	29°45	1°25	24°25	n.a.	M30
T 31	7 47 30	28♑51'15	11♍43	3♑ 4	15♑ 1	17♏ 7	16♊59	9♌36	0♒42	6♒25	13♐27	29♓41	1♈22	24♊31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s52	22n40	4n 6	19s44	3n46	21s47	0n12	9s43	0n51	24n 0	0n30	19n31	1n57	21s23	0s41	20s19	1s 5	25s 3	2s22	1n 7	1n12	28n35			n.a.
M 2	23 52	18 23	3 25	19 40	3 44	22 2	0 10	9 59	0 51	23 59	0 30	19 32	1 58	21 22	0 41	20 18	1 5	25 3	2 22	1 4	1 10	28 36			n.a.
T 3	23 52	13 17	2 33	19 39	3 41	22 16	0 7	10 14	0 50	23 59	0 31	19 33	1 58	21 21	0 41	20 18	1 5	25 4	2 22	1 2	1 9	28 37			n.a.
W 4	23 51	7 34	1 33	19 40	3 36	22 29	0 4	10 29	0 49	23 59	0 31	19 34	1 58	21 21	0 41	20 17	1 5	25 4	2 22	1 1	1 8	28 37			n.a.
T 5	23 50	1 24	0 26	19 43	3 29	22 42	0 2	10 44	0 49	23 58	0 31	19 35	1 58	21 20	0 41	20 17	1 5	25 5	2 22	1 1	1 7	28 38			n.a.
F 6	23 49	4s59	0s43	19 48	3 22	22 54	0s 1	10 59	0 48	23 58	0 31	19 36	1 58	21 19	0 41	20 16	1 5	25 5	2 22	1 1	1 5	28 39			n.a.
S 7	23 47	11 21	1 53	19 55	3 13	23 5	0 3	11 14	0 48	23 57	0 31	19 37	1 59	21 19	0 41	20 16	1 5	25 5	2 22	1 0	1 4	28 39			n.a.
S 8	23 44	17 21	2 57	20 3	3 3	23 16	0 6	11 29	0 47	23 57	0 31	19 38	1 59	21 18	0 41	20 15	1 5	25 6	2 23	0 59	1 3	28 40			n.a.
M 9	23 41	22 35	3 53	20 12	2 53	23 25	0 8	11 44	0 46	23 56	0 31	19 39	1 59	21 17	0 41	20 15	1 5	25 6	2 23	0 57	1 1	28 40			n.a.
T 10	23 38	26 31	4 34	20 23	2 42	23 35	0 11	11 59	0 46	23 56	0 31	19 41	1 59	21 17	0 41	20 14	1 5	25 6	2 23	0 54	1 0	28 41			n.a.
W11	23 34	28 37	4 56	20 35	2 31	23 43	0 13	12 14	0 45	23 55	0 31	19 42	1 59	21 16	0 41	20 14	1 5	25 7	2 23	0 49	0 59	28 42			n.a.
T 12	23 30	28 33	4 58	20 48	2 20	23 51	0 16	12 28	0 44	23 55	0 32	19 43	2 0	21 15	0 41	20 13	1 5	25 7	2 23	0 45	0 58	28 42			n.a.
F 13	23 25	26 20	4 39	21 1	2 9	23 58	0 18	12 43	0 44	23 54	0 32	19 44	2 0	21 15	0 41	20 13	1 5	25 7	2 23	0 40	0 56	28 43			n.a.
S 14	23 20	22 18	4 0	21 15	1 57	24 4	0 21	12 57	0 43	23 54	0 32	19 45	2 0	21 14	0 41	20 12	1 5	25 8	2 23	0 36	0 55	28 43			n.a.
S 15	23 14	16 59	3 7	21 30	1 45	24 10	0 23	13 11	0 42	23 53	0 32	19 47	2 0	21 13	0 41	20 12	1 5	25 8	2 23	0 33	0 54	28 44			n.a.
M16	23 8	10 56	2 4	21 45	1 34	24 14	0 25	13 26	0 42	23 53	0 32	19 48	2 0	21 12	0 41	20 11	1 5	25 8	2 23	0 31	0 52	28 44			n.a.
T 17	23 1	4 34	0 55	22 0	1 23	24 18	0 28	13 40	0 41	23 52	0 32	19 49	2 1	21 12	0 41	20 11	1 5	25 9	2 24	0 31	0 51	28 45			n.a.
W18	22 54	1n46	0n14	22 14	1 11	24 22	0 30	13 54	0 40	23 52	0 32	19 50	2 1	21 11	0 41	20 10	1 5	25 9	2 24	0 31	0 50	28 45			n.a.
T 19	22 47	7 50	1 20	22 29	1 0	24 24	0 32	14 8	0 39	23 51	0 32	19 52	2 1	21 10	0 41	20 9	1 5	25 9	2 24	0 31	0 49	28 46			n.a.
F 20	22 39	13 28	2 21	22 44	0 49	24 26	0 35	14 22	0 39	23 51	0 32	19 53	2 1	21 9	0 41	20 9	1 5	25 10	2 24	0 30	0 47	28 46			n.a.
S 21	22 31	18 28	3 14	22 58	0 38	24 27	0 37	14 35	0 38	23 50	0 32	19 54	2 1	21 9	0 41	20 8	1 5	25 10	2 24	0 29	0 46	28 47			n.a.
S 22	22 22	22 40	3 58	23 12	0 28	24 28	0 39	14 49	0 37	23 50	0 32	19 56	2 1	21 8	0 41	20 8	1 5	25 10	2 24	0 28	0 45	28 47			n.a.
M23	22 13	25 55	4 31	23 25	0 18	24 27	0 41	15 2	0 36	23 49	0 33	19 57	2 2	21 7	0 41	20 7	1 5	25 11	2 24	0 25	0 43	28 48			n.a.
T 24	22 3	28 2	4 52	23 38	0 8	24 26	0 43	15 16	0 36	23 49	0 33	19 58	2 2	21 7	0 41	20 7	1 5	25 11	2 24	0 20	0 42	28 48			n.a.
W25	21 53	28 53	5 1	23 50	0s 2	24 24	0 45	15 29	0 35	23 48	0 33	20 0	2 2	21 6	0 41	20 6	1 5	25 11	2 25	0 16	0 41	28 49			n.a.
T 26	21 43	28 22	4 57	24 1	0 11	24 21	0 47	15 42	0 34	23 48	0 33	20 1	2 2	21 5	0 41	20 6	1 5	25 12	2 25	0 10	0 40	28 49			n.a.
F 27	21 32	26 32	4 39	24 11	0 20	24 18	0 49	15 55	0 33	23 48	0 33	20 2	2 2	21 4	0 41	20 5	1 5	25 12	2 25	0 5	0 38	28 50			n.a.
S 28	21 21	23 29	4 9	24 21	0 29	24 14	0 51	16 8	0 32	23 47	0 33	20 4	2 2	21 4	0 41	20 4	1 5	25 12	2 25	0 1	0 37	28 50			n.a.
S 29	21 9	19 21	3 27	24 29	0 37	24 9	0 53	16 21	0 31	23 47	0 33	20 5	2 2	21 3	0 41	20 4	1 5	25 13	2 25	0s 3	0 36	28 50			n.a.
M30	20 58	14 22	2 35	24 37	0 46	24 3	0 55	16 34	0 30	23 46	0 33	20 6	2 3	21 2	0 41	20 3	1 5	25 13	2 25	0 6	0 34	28 51			n.a.
T 31	20s45	8n44	1n34	24s43	0s53	23s57	0s57	16s47	0n30	23n46	0n33	20n 8	2n 3	21s 1	0s41	20s 3	1s 5	25s13	2s25	0s 8	0n33	28n51			n.a.

Julian Day Number = 1196193.5, Delta T = 09h27m10s
Ecliptic obliquity = 23°51'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°55'01, Lahiri = -23°48'00 Julian Calendar 1 Jan. 1438 BCE == Greg. Calendar 19 Dec. 1439 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

FEBRUARY 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 51 27	29♉50'57	24♍26	4♉22	16♉16	17♏48	16°R55	9°R32	0♒45	6♒28	13♐28	29°D39	1♈19	24♊38	n.a.	W 1
T 2	7 55 23	0♒50'37	7♎24	5°42	17°30	18°29	16♊51	9♌27	0°49	6°30	13°30	29♓39	1°16	24°45	n.a.	T 2
F 3	7 59 20	1°50'16	20°38	7° 4	18°44	19° 9	16°47	9°23	0°52	6°32	13°31	29°40	1°12	24°52	n.a.	F 3
S 4	8 3 16	2°49'52	4♏11	8°27	19°59	19°50	16°43	9°18	0°56	6°34	13°33	29°R41	1° 9	24°58	n.a.	S 4
S 5	8 7 13	3°49'27	18° 6	9°52	21°13	20°31	16°39	9°13	0°59	6°37	13°34	29°40	1° 6	25° 5	n.a.	S 5
M 6	8 11 9	4°49'00	2♐23	11°18	22°27	21°11	16°36	9° 9	1° 2	6°39	13°35	29°37	1° 3	25°12	n.a.	M 6
T 7	8 15 6	5°48'31	16°59	12°45	23°42	21°52	16°33	9° 4	1° 6	6°41	13°37	29°31	1° 0	25°19	n.a.	T 7
W 8	8 19 3	6°48'00	1♑51	14°14	24°56	22°32	16°30	8°59	1° 9	6°43	13°38	29°24	0°56	25°25	n.a.	W 8
T 9	8 22 59	7°47'27	16°50	15°45	26°10	23°13	16°27	8°55	1°13	6°46	13°39	29°16	0°53	25°32	n.a.	T 9
F 10	8 26 56	8°46'53	1♒48	17°16	27°25	23°54	16°24	8°50	1°16	6°48	13°41	29° 8	0°50	25°39	n.a.	F 10
S 11	8 30 52	9°46'15	16°36	18°50	28°39	24°34	16°22	8°46	1°19	6°50	13°42	29° 1	0°47	25°45	n.a.	S 11
S 12	8 34 49	10°45'36	1♓ 5	20°24	29°53	25°15	16°20	8°41	1°23	6°52	13°43	28°56	0°44	25°52	n.a.	S 12
M13	8 38 45	11°44'54	15°10	22° 0	1♒ 8	25°55	16°18	8°36	1°26	6°55	13°44	28°53	0°41	25°59	n.a.	M13
T 14	8 42 42	12°44'10	28°48	23°37	2°22	26°36	16°16	8°32	1°30	6°57	13°46	28°D53	0°37	26° 6	n.a.	T 14
W15	8 46 38	13°43'23	12♈ 0	25°15	3°36	27°16	16°14	8°27	1°33	6°59	13°47	28°53	0°34	26°12	n.a.	W15
T 16	8 50 35	14°42'34	24°47	26°55	4°50	27°57	16°12	8°22	1°36	7° 2	13°48	28°55	0°31	26°19	n.a.	T 16
F 17	8 54 31	15°41'42	7♉13	28°36	6° 4	28°37	16°11	8°18	1°40	7° 4	13°49	28°56	0°28	26°26	n.a.	F 17
S 18	8 58 28	16°40'48	19°24	0♒19	7°19	29°18	16°10	8°13	1°43	7° 6	13°50	28°R56	0°25	26°33	n.a.	S 18
S 19	9 2 25	17°39'52	1♊23	2° 3	8°33	29°58	16° 9	8° 9	1°46	7° 8	13°51	28°55	0°22	26°39	n.a.	S 19
M20	9 6 21	18°38'53	13°17	3°48	9°47	0♐38	16° 8	8° 4	1°50	7°11	13°52	28°52	0°18	26°46	n.a.	M20
T 21	9 10 18	19°37'52	25° 8	5°35	11° 1	1°19	16° 8	7°59	1°53	7°13	13°53	28°47	0°15	26°53	n.a.	T 21
W22	9 14 14	20°36'48	7♋ 2	7°23	12°15	1°59	16° 7	7°55	1°56	7°15	13°54	28°41	0°12	26°59	n.a.	W22
T 23	9 18 11	21°35'42	19° 1	9°13	13°29	2°39	16°D 7	7°50	2° 0	7°17	13°55	28°35	0° 9	27° 6	n.a.	T 23
F 24	9 22 7	22°34'34	1♌ 7	11° 4	14°44	3°20	16° 7	7°46	2° 3	7°19	13°56	28°28	0° 6	27°13	n.a.	F 24
S 25	9 26 4	23°33'23	13°24	12°56	15°58	4° 0	16° 8	7°42	2° 6	7°22	13°57	28°22	0° 2	27°20	n.a.	S 25
S 26	9 30 0	24°32'10	25°51	14°50	17°12	4°40	16° 8	7°37	2° 9	7°24	13°58	28°17	29♓59	27°26	n.a.	S 26
M27	9 33 57	25°30'55	8♍29	16°45	18°26	5°21	16° 9	7°33	2°12	7°26	13°59	28°14	29°56	27°33	n.a.	M27
T 28	9 37 53	26♒29'38	21♍19	18♒42	19♒40	6♐ 1	16♊ 9	7♌29	2♒16	7♒28	14♐ 0	28♓12	29♓53	27♊40	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s33	2n40	0n28	24s48	1s 1	23s50	0s59	16s59	0n29	23n46	0n33	20n 9	2n 3	21s 1	0s41	20s 2	1s 5	25s14	2s25	0s 8	0n32	28n52		n.a.
T 2	20 20	3s37	0s41	24 52	1 8	23 42	1 0	17 11	0 28	23 45	0 33	20 10	2 3	21 0	0 41	20 2	1 5	25 14	2 26	0 8	0 31	28 52		n.a.
F 3	20 6	9 53	1 50	24 55	1 15	23 33	1 2	17 24	0 27	23 45	0 33	20 12	2 3	20 59	0 41	20 1	1 5	25 14	2 26	0 8	0 29	28 52		n.a.
S 4	19 53	15 52	2 54	24 57	1 21	23 24	1 4	17 36	0 26	23 45	0 33	20 13	2 3	20 58	0 41	20 0	1 5	25 15	2 26	0 8	0 28	28 53		n.a.
S 5	19 38	21 11	3 49	24 57	1 27	23 14	1 5	17 48	0 25	23 44	0 33	20 15	2 3	20 57	0 41	20 0	1 5	25 15	2 26	0 8	0 27	28 53		n.a.
M 6	19 24	25 27	4 32	24 55	1 33	23 3	1 7	18 0	0 24	23 44	0 33	20 16	2 3	20 57	0 41	19 59	1 5	25 15	2 26	0 9	0 25	28 54		n.a.
T 7	19 9	28 10	4 58	24 52	1 38	22 52	1 8	18 11	0 23	23 44	0 34	20 17	2 3	20 56	0 41	19 59	1 5	25 16	2 26	0 12	0 24	28 54		n.a.
W 8	18 54	28 57	5 5	24 48	1 43	22 40	1 10	18 23	0 22	23 43	0 34	20 19	2 3	20 55	0 41	19 58	1 5	25 16	2 26	0 14	0 23	28 54		n.a.
T 9	18 39	27 36	4 52	24 42	1 48	22 27	1 11	18 34	0 21	23 43	0 34	20 20	2 4	20 54	0 41	19 58	1 5	25 16	2 27	0 18	0 22	28 55		n.a.
F 10	18 23	24 18	4 18	24 35	1 52	22 14	1 12	18 46	0 20	23 43	0 34	20 21	2 4	20 54	0 41	19 57	1 5	25 17	2 27	0 21	0 20	28 55		n.a.
S 11	18 7	19 26	3 27	24 25	1 56	22 0	1 13	18 57	0 19	23 43	0 34	20 23	2 4	20 53	0 41	19 56	1 5	25 17	2 27	0 24	0 19	28 55		n.a.
S 12	17 51	13 31	2 24	24 15	1 59	21 45	1 15	19 8	0 18	23 43	0 34	20 24	2 4	20 52	0 41	19 56	1 5	25 17	2 27	0 26	0 18	28 55		n.a.
M13	17 34	7 4	1 13	24 2	2 2	21 30	1 16	19 19	0 17	23 42	0 34	20 25	2 4	20 51	0 41	19 55	1 5	25 17	2 27	0 27	0 16	28 56		n.a.
T 14	17 17	0 29	0 0	23 48	2 4	21 14	1 17	19 29	0 16	23 42	0 34	20 27	2 4	20 51	0 41	19 55	1 5	25 18	2 27	0 27	0 15	28 56		n.a.
W15	17 0	5n54	1n10	23 32	2 6	20 57	1 18	19 40	0 14	23 42	0 34	20 28	2 4	20 50	0 41	19 54	1 5	25 18	2 27	0 27	0 14	28 56		n.a.
T 16	16 43	11 51	2 15	23 14	2 8	20 40	1 19	19 50	0 13	23 42	0 34	20 29	2 4	20 49	0 41	19 54	1 5	25 18	2 28	0 26	0 13	28 57		n.a.
F 17	16 25	17 11	3 12	22 54	2 9	20 22	1 20	20 1	0 12	23 42	0 34	20 30	2 4	20 48	0 41	19 53	1 5	25 19	2 28	0 26	0 11	28 57		n.a.
S 18	16 7	21 43	3 59	22 33	2 9	20 4	1 20	20 11	0 11	23 42	0 34	20 32	2 4	20 48	0 41	19 52	1 5	25 19	2 28	0 26	0 10	28 57		n.a.
S 19	15 49	25 17	4 35	22 10	2 10	19 45	1 21	20 21	0 10	23 42	0 34	20 33	2 4	20 47	0 41	19 52	1 5	25 19	2 28	0 26	0 9	28 57		n.a.
M20	15 30	27 44	4 58	21 44	2 9	19 26	1 22	20 30	0 9	23 42	0 34	20 34	2 4	20 46	0 41	19 51	1 5	25 19	2 28	0 28	0 7	28 58		n.a.
T 21	15 12	28 55	5 9	21 17	2 8	19 6	1 22	20 40	0 8	23 42	0 34	20 35	2 4	20 45	0 41	19 51	1 5	25 20	2 28	0 29	0 6	28 58		n.a.
W22	14 53	28 46	5 6	20 48	2 7	18 45	1 23	20 49	0 6	23 42	0 34	20 37	2 4	20 45	0 41	19 50	1 5	25 20	2 29	0 32	0 5	28 58		n.a.
T 23	14 33	27 17	4 50	20 17	2 5	18 24	1 23	20 59	0 5	23 42	0 34	20 38	2 4	20 44	0 41	19 50	1 5	25 20	2 29	0 35	0 4	28 58		n.a.
F 24	14 14	24 30	4 21	19 44	2 3	18 2	1 24	21 8	0 4	23 42	0 34	20 39	2 4	20 43	0 41	19 49	1 5	25 21	2 29	0 37	0 2	28 58		n.a.
S 25	13 54	20 36	3 40	19 9	2 0	17 40	1 24	21 17	0 3	23 42	0 34	20 40	2 4	20 42	0 41	19 48	1 5	25 21	2 29	0 40	0 1	28 59		n.a.
S 26	13 35	15 45	2 47	18 32	1 57	17 18	1 25	21 26	0 1	23 42	0 34	20 41	2 4	20 42	0 41	19 48	1 5	25 21	2 29	0 42	0s 0	28 59		n.a.
M27	13 15	10 10	1 46	17 53	1 53	16 55	1 25	21 34	0 0	23 42	0 34	20 42	2 4	20 41	0 41	19 47	1 5	25 21	2 29	0 43	0 2	28 59		n.a.
T 28	12s54	4n 4	0n38	17s12	1s48	16s31	1s25	21s43	0s 1	23n42	0n34	20n44	2n 4	20s40	0s41	19s47	1s 5	25s22	2s29	0s44	0s 3	28n59		n.a.

Julian Day Number = 1196224.5, Delta T = 09h27m08s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'57, Lahiri = -23°47'56 Julian Calendar 1 Feb. 1438 BCE == Greg. Calendar 19 Jan. 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

MARCH 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 41 50	27♒28'19	4♎21	20♒40	20♒54	6♐41	16♊10	7°R24	2♒19	7♒30	14♐ 0	28°D12	29♓50	27♊46	n.a.	W 1
T 2	9 45 47	28°26'57	17°36	22°40	22° 8	7°21	16°11	7♌20	2°22	7°32	14° 1	28♓13	29°47	27°53	n.a.	T 2
F 3	9 49 43	29°25'34	1♏ 5	24°40	23°22	8° 1	16°13	7°16	2°25	7°35	14° 2	28°15	29°43	28° 0	n.a.	F 3
S 4	9 53 40	0♓24'10	14°46	26°42	24°36	8°41	16°14	7°12	2°28	7°37	14° 3	28°16	29°40	28° 7	n.a.	S 4
S 5	9 57 36	1°22'43	28°42	28°46	25°50	9°22	16°16	7° 8	2°31	7°39	14° 3	28°R17	29°37	28°13	n.a.	S 5
M 6	10 1 33	2°21'15	12♐51	0♓50	27° 4	10° 2	16°18	7° 4	2°34	7°41	14° 4	28°17	29°34	28°20	n.a.	M 6
T 7	10 5 29	3°19'45	27°11	2°55	28°18	10°42	16°20	7° 0	2°38	7°43	14° 5	28°15	29°31	28°27	n.a.	T 7
W 8	10 9 26	4°18'13	11♑40	5° 1	29°32	11°22	16°22	6°56	2°41	7°45	14° 5	28°13	29°27	28°34	n.a.	W 8
T 9	10 13 22	5°16'40	26°13	7° 8	0♓46	12° 2	16°25	6°52	2°44	7°47	14° 6	28°10	29°24	28°40	n.a.	T 9
F 10	10 17 19	6°15'04	10♒44	9°15	2° 0	12°41	16°27	6°49	2°47	7°49	14° 6	28° 6	29°21	28°47	n.a.	F 10
S 11	10 21 16	7°13'27	25° 8	11°22	3°14	13°21	16°30	6°45	2°50	7°51	14° 7	28° 4	29°18	28°54	n.a.	S 11
S 12	10 25 12	8°11'48	9♓18	13°30	4°28	14° 1	16°33	6°41	2°52	7°53	14° 7	28° 2	29°15	29° 0	n.a.	S 12
M13	10 29 9	9°10'07	23°10	15°37	5°42	14°41	16°36	6°38	2°55	7°55	14° 8	28°D 1	29°12	29° 7	n.a.	M13
T 14	10 33 5	10° 8'23	6♈42	17°43	6°56	15°21	16°39	6°34	2°58	7°57	14° 8	28° 1	29° 8	29°14	n.a.	T 14
W15	10 37 2	11° 6'38	19°51	19°48	8°10	16° 0	16°43	6°31	3° 1	7°59	14° 9	28° 2	29° 5	29°21	n.a.	W15
T 16	10 40 58	12° 4'51	2♉39	21°53	9°24	16°40	16°46	6°27	3° 4	8° 1	14° 9	28° 3	29° 2	29°27	n.a.	T 16
F 17	10 44 55	13° 3'01	15° 9	23°55	10°38	17°19	16°50	6°24	3° 7	8° 3	14°10	28° 5	28°59	29°34	n.a.	F 17
S 18	10 48 51	14° 1'09	27°22	25°56	11°52	17°59	16°54	6°21	3°10	8° 5	14°10	28° 6	28°56	29°41	n.a.	S 18
S 19	10 52 48	14°59'16	9♊24	27°55	13° 6	18°38	16°58	6°18	3°12	8° 7	14°10	28° 6	28°53	29°48	n.a.	S 19
M20	10 56 44	15°57'20	21°20	29°51	14°20	19°18	17° 3	6°15	3°15	8° 9	14°10	28°R 6	28°49	29°54	n.a.	M20
T 21	11 0 41	16°55'22	3♋13	1♈44	15°34	19°57	17° 7	6°12	3°18	8°11	14°11	28° 6	28°46	0♋ 1	n.a.	T 21
W22	11 4 38	17°53'22	15° 8	3°35	16°48	20°36	17°12	6° 9	3°20	8°13	14°11	28° 5	28°43	0° 8	n.a.	W22
T 23	11 8 34	18°51'20	27°10	5°22	18° 2	21°16	17°17	6° 6	3°23	8°15	14°11	28° 4	28°40	0°14	n.a.	T 23
F 24	11 12 31	19°49'16	9♌21	7° 6	19°15	21°55	17°22	6° 3	3°26	8°16	14°11	28° 2	28°37	0°21	n.a.	F 24
S 25	11 16 27	20°47'11	21°45	8°47	20°29	22°34	17°27	6° 1	3°28	8°18	14°11	28° 1	28°33	0°28	n.a.	S 25
S 26	11 20 24	21°45'03	4♍25	10°24	21°43	23°13	17°32	5°58	3°31	8°20	14°11	28° 1	28°30	0°35	n.a.	S 26
M27	11 24 20	22°42'53	17°20	11°57	22°57	23°52	17°37	5°56	3°33	8°22	14°12	28° 0	28°27	0°41	n.a.	M27
T 28	11 28 17	23°40'42	0♎31	13°27	24°11	24°31	17°43	5°53	3°36	8°24	14°12	28°D 0	28°24	0°48	n.a.	T 28
W29	11 32 13	24°38'29	13°57	14°52	25°25	25°10	17°49	5°51	3°38	8°25	14°R12	28° 0	28°21	0°55	n.a.	W29
T 30	11 36 10	25°36'15	27°37	16°14	26°38	25°48	17°55	5°49	3°41	8°27	14°12	28° 1	28°18	1° 1	n.a.	T 30
F 31	11 40 6	26♓33'59	11♏30	17♈32	27♓52	26♐27	18♊ 1	5♌47	3♒43	8♒29	14♐12	28♓ 1	28♓14	1♋ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	12s34	2s16	0s34	16s29	1s43	16s 8	1s25	21s51	0s 3	23n42	0n34	20n45	2n 4	20s40	0s41	19s46	1s 5	25s22	2s30	0s44	0s 4	28n59			n.a.
T 2	12 13	8 38	1 44	15 44	1 37	15 43	1 25	21 59	0 4	23 42	0 34	20 46	2 4	20 39	0 41	19 46	1 5	25 22	2 30	0 43	0 5	28 59			n.a.
F 3	11 53	14 42	2 50	14 57	1 31	15 18	1 25	22 7	0 5	23 42	0 34	20 47	2 4	20 38	0 41	19 45	1 5	25 22	2 30	0 43	0 7	29 0			n.a.
S 4	11 32	20 10	3 48	14 9	1 24	14 53	1 25	22 15	0 7	23 43	0 34	20 48	2 4	20 37	0 41	19 45	1 5	25 23	2 30	0 42	0 8	29 0			n.a.
S 5	11 11	24 39	4 33	13 19	1 17	14 28	1 25	22 23	0 8	23 43	0 34	20 49	2 4	20 37	0 41	19 44	1 5	25 23	2 30	0 42	0 9	29 0			n.a.
M 6	10 49	27 44	5 2	12 27	1 9	14 2	1 25	22 30	0 10	23 43	0 34	20 50	2 4	20 36	0 41	19 44	1 5	25 23	2 30	0 42	0 11	29 0			n.a.
T 7	10 28	29 4	5 13	11 33	1 1	13 36	1 25	22 38	0 11	23 43	0 34	20 51	2 4	20 35	0 41	19 43	1 5	25 23	2 31	0 42	0 12	29 0			n.a.
W 8	10 6	28 24	5 5	10 38	0 52	13 9	1 24	22 45	0 12	23 43	0 34	20 52	2 4	20 35	0 41	19 43	1 5	25 23	2 31	0 43	0 13	29 0			n.a.
T 9	9 45	25 49	4 37	9 42	0 42	12 42	1 24	22 52	0 14	23 44	0 34	20 53	2 4	20 34	0 41	19 42	1 5	25 24	2 31	0 45	0 14	29 0			n.a.
F 10	9 23	21 33	3 51	8 45	0 33	12 15	1 24	22 59	0 15	23 44	0 34	20 54	2 4	20 33	0 41	19 41	1 5	25 24	2 31	0 46	0 16	29 0			n.a.
S 11	9 1	16 3	2 51	7 46	0 23	11 47	1 23	23 5	0 17	23 44	0 34	20 55	2 4	20 33	0 41	19 41	1 5	25 24	2 31	0 47	0 17	29 0			n.a.
S 12	8 39	9 47	1 41	6 47	0 12	11 19	1 22	23 12	0 18	23 45	0 34	20 56	2 4	20 32	0 41	19 40	1 6	25 24	2 31	0 48	0 18	29 0			n.a.
M13	8 16	3 10	0 27	5 47	0 1	10 51	1 22	23 18	0 20	23 45	0 35	20 57	2 4	20 31	0 41	19 40	1 6	25 25	2 31	0 48	0 20	29 1			n.a.
T 14	7 54	3n26	0n48	4 47	0n10	10 22	1 21	23 24	0 21	23 45	0 35	20 57	2 4	20 31	0 41	19 39	1 6	25 25	2 32	0 48	0 21	29 1			n.a.
W15	7 32	9 42	1 58	3 47	0 21	9 53	1 20	23 30	0 23	23 46	0 35	20 58	2 4	20 30	0 41	19 39	1 6	25 25	2 32	0 48	0 22	29 1			n.a.
T 16	7 9	15 25	3 0	2 48	0 32	9 24	1 20	23 36	0 25	23 46	0 35	20 59	2 4	20 29	0 41	19 38	1 6	25 25	2 32	0 47	0 23	29 1			n.a.
F 17	6 46	20 21	3 52	1 48	0 43	8 55	1 19	23 41	0 26	23 47	0 35	21 0	2 4	20 29	0 41	19 38	1 6	25 25	2 32	0 47	0 25	29 1			n.a.
S 18	6 24	24 19	4 32	0 49	0 54	8 26	1 18	23 46	0 28	23 47	0 35	21 1	2 3	20 28	0 41	19 38	1 6	25 26	2 32	0 46	0 26	29 1			n.a.
S 19	6 1	27 11	4 59	0n 9	1 5	7 56	1 17	23 52	0 29	23 47	0 35	21 1	2 3	20 27	0 41	19 37	1 6	25 26	2 32	0 46	0 27	29 1			n.a.
M20	5 38	28 48	5 14	1 5	1 15	7 26	1 16	23 57	0 31	23 48	0 35	21 2	2 3	20 27	0 41	19 37	1 6	25 26	2 33	0 46	0 29	29 1			n.a.
T 21	5 15	29 4	5 15	2 1	1 26	6 56	1 15	24 1	0 33	23 48	0 35	21 3	2 3	20 26	0 41	19 36	1 6	25 26	2 33	0 46	0 30	29 1			n.a.
W22	4 52	27 59	5 2	2 54	1 36	6 26	1 14	24 6	0 35	23 49	0 35	21 3	2 3	20 26	0 41	19 36	1 6	25 26	2 33	0 47	0 31	29 1			n.a.
T 23	4 29	25 37	4 36	3 46	1 45	5 55	1 12	24 11	0 36	23 49	0 35	21 4	2 3	20 25	0 41	19 35	1 6	25 27	2 33	0 47	0 32	29 1			n.a.
F 24	4 6	22 3	3 58	4 37	1 54	5 25	1 11	24 15	0 38	23 50	0 35	21 5	2 3	20 24	0 41	19 35	1 6	25 27	2 33	0 48	0 34	29 1			n.a.
S 25	3 43	17 27	3 7	5 25	2 3	4 54	1 10	24 19	0 40	23 50	0 35	21 5	2 3	20 24	0 42	19 34	1 6	25 27	2 33	0 48	0 35	29 0			n.a.
S 26	3 20	12 2	2 7	6 11	2 10	4 23	1 8	24 23	0 42	23 51	0 35	21 6	2 3	20 23	0 42	19 34	1 6	25 27	2 34	0 48	0 36	29 0			n.a.
M27	2 56	6 0	0 59	6 55	2 17	3 52	1 7	24 27	0 43	23 51	0 35	21 6	2 3	20 23	0 42	19 33	1 6	25 27	2 34	0 48	0 38	29 0			n.a.
T 28	2 33	0s25	0s14	7 36	2 24	3 21	1 6	24 30	0 45	23 52	0 35	21 7	2 3	20 22	0 42	19 33	1 6	25 27	2 34	0 48	0 39	29 0			n.a.
W29	2 10	6 56	1 27	8 15	2 30	2 50	1 4	24 34	0 47	23 52	0 35	21 7	2 3	20 22	0 42	19 33	1 6	25 28	2 34	0 48	0 40	29 0			n.a.
T 30	1 47	13 15	2 37	8 52	2 35	2 19	1 3	24 37	0 49	23 53	0 35	21 8	2 2	20 21	0 42	19 32	1 6	25 28	2 34	0 48	0 41	29 0			n.a.
F 31	1s23	19s 0	3s38	9n26	2n39	1s47	1s 1	24s40	0s51	23n53	0n35	21n 8	2n 2	20s20	0s42	19s32	1s 6	25s28	2s34	0s48	0s43	29n 0			n.a.

Julian Day Number = 1196252.5, Delta T = 09h27m07s
Ecliptic obliquity = 23°52'00, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'53, Lahiri = -23°47'52 Julian Calendar 1 March 1438 BCE == Greg. Calendar 16 Feb. 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

APRIL 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 44 3	27♓31'42	25♏31	18♈45	29♓ 6	27♐ 6	18♊ 7	5°R45	3♒45	8♒30	14°R12	28♓ 1	28♓11	1♋15	n.a.	S 1
S 2	11 48 0	28°29'23	9♐39	19°55	0♈20	27°44	18°13	5♌43	3°48	8°32	14♐11	28°R 1	28° 8	1°22	n.a.	S 2
M 3	11 51 56	29°27'04	23°52	21° 0	1°34	28°23	18°20	5°41	3°50	8°33	14°11	28°D 1	28° 5	1°28	n.a.	M 3
T 4	11 55 53	0♈24'43	8♑ 7	22° 1	2°47	29° 1	18°26	5°39	3°52	8°35	14°11	28° 1	28° 2	1°35	n.a.	T 4
W 5	11 59 49	1°22'21	22°20	22°57	4° 1	29°39	18°33	5°37	3°54	8°37	14°11	28° 1	27°59	1°42	n.a.	W 5
T 6	12 3 46	2°19'58	6♒30	23°50	5°15	0♑18	18°40	5°36	3°57	8°38	14°11	28° 1	27°55	1°49	n.a.	T 6
F 7	12 7 42	3°17'34	20°34	24°37	6°29	0°56	18°47	5°34	3°59	8°40	14°11	28° 2	27°52	1°55	n.a.	F 7
S 8	12 11 39	4°15'09	4♓30	25°21	7°42	1°34	18°54	5°33	4° 1	8°41	14°10	28° 2	27°49	2° 2	n.a.	S 8
S 9	12 15 36	5°12'42	18°13	25°59	8°56	2°11	19° 1	5°32	4° 3	8°43	14°10	28° 3	27°46	2° 9	n.a.	S 9
M10	12 19 32	6°10'14	1♈43	26°33	10°10	2°49	19° 9	5°30	4° 5	8°44	14°10	28°R 3	27°43	2°15	n.a.	M10
T 11	12 23 29	7° 7'45	14°57	27° 3	11°23	3°27	19°16	5°29	4° 7	8°45	14° 9	28° 2	27°39	2°22	n.a.	T 11
W12	12 27 25	8° 5'14	27°55	27°27	12°37	4° 4	19°24	5°28	4° 9	8°47	14° 9	28° 2	27°36	2°29	n.a.	W12
T 13	12 31 22	9° 2'42	10♉37	27°47	13°51	4°42	19°32	5°28	4°11	8°48	14° 9	28° 0	27°33	2°36	n.a.	T 13
F 14	12 35 18	10° 0'09	23° 3	28° 2	15° 5	5°19	19°40	5°27	4°12	8°49	14° 8	27°59	27°30	2°42	n.a.	F 14
S 15	12 39 15	10°57'35	5♊16	28°12	16°18	5°56	19°48	5°26	4°14	8°51	14° 8	27°57	27°27	2°49	n.a.	S 15
S 16	12 43 11	11°54'59	17°19	28°18	17°32	6°33	19°56	5°26	4°16	8°52	14° 7	27°55	27°24	2°56	n.a.	S 16
M17	12 47 8	12°52'22	29°14	28°R18	18°46	7°10	20° 4	5°25	4°18	8°53	14° 7	27°54	27°20	3° 3	n.a.	M17
T 18	12 51 4	13°49'43	11♋ 8	28°15	19°59	7°47	20°12	5°25	4°19	8°54	14° 6	27°D54	27°17	3° 9	n.a.	T 18
W19	12 55 1	14°47'03	23° 3	28° 7	21°13	8°23	20°21	5°24	4°21	8°56	14° 6	27°54	27°14	3°16	n.a.	W19
T 20	12 58 58	15°44'22	5♌ 5	27°54	22°27	9° 0	20°30	5°24	4°23	8°57	14° 5	27°55	27°11	3°23	n.a.	T 20
F 21	13 2 54	16°41'40	17°18	27°38	23°40	9°36	20°38	5°D24	4°24	8°58	14° 5	27°56	27° 8	3°29	n.a.	F 21
S 22	13 6 51	17°38'56	29°46	27°18	24°54	10°12	20°47	5°24	4°26	8°59	14° 4	27°58	27° 4	3°36	n.a.	S 22
S 23	13 10 47	18°36'11	12♍32	26°54	26° 7	10°48	20°56	5°24	4°27	9° 0	14° 3	27°59	27° 1	3°43	n.a.	S 23
M24	13 14 44	19°33'25	25°40	26°28	27°21	11°24	21° 5	5°25	4°29	9° 1	14° 3	27°R59	26°58	3°50	n.a.	M24
T 25	13 18 40	20°30'38	9♎ 8	25°59	28°35	12° 0	21°14	5°25	4°30	9° 2	14° 2	27°59	26°55	3°56	n.a.	T 25
W26	13 22 37	21°27'50	22°58	25°28	29°48	12°36	21°24	5°25	4°31	9° 3	14° 1	27°58	26°52	4° 3	n.a.	W26
T 27	13 26 33	22°25'01	7♏ 5	24°56	1♉ 2	13°11	21°33	5°26	4°32	9° 4	14° 0	27°55	26°49	4°10	n.a.	T 27
F 28	13 30 30	23°22'12	21°25	24°22	2°15	13°46	21°42	5°26	4°34	9° 5	14° 0	27°52	26°45	4°16	n.a.	F 28
S 29	13 34 27	24°19'22	5♐53	23°49	3°29	14°21	21°52	5°27	4°35	9° 6	13°59	27°48	26°42	4°23	n.a.	S 29
S 30	13 38 23	25♈16'32	20♐23	23♈15	4♉43	14♑56	22♊ 2	5♌28	4♒36	9♒ 7	13♐58	27♓45	26♓39	4♋30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1 s 0	23 s48	4 s27	9n58	2n42	1 s16	0 s59	24 s43	0 s53	23n54	0n35	21n 9	2n 2	20 s20	0 s42	19 s31	1 s 6	25 s28	2 s35	0 s48	0 s44	29n 0		n.a.
S 2	0 37	27 15	5 1	10 27	2 44	0 45	0 58	24 45	0 55	23 55	0 35	21 9	2 2	20 19	0 42	19 31	1 6	25 28	2 35	0 48	0 45	29 0		n.a.
M 3	0 13	28 59	5 16	10 54	2 46	0 13	0 56	24 48	0 57	23 55	0 35	21 9	2 2	20 19	0 42	19 31	1 6	25 28	2 35	0 48	0 47	29 0		n.a.
T 4	0n10	28 48	5 12	11 17	2 47	0n18	0 54	24 50	0 59	23 56	0 35	21 10	2 2	20 18	0 42	19 30	1 6	25 29	2 35	0 48	0 48	29 0		n.a.
W 5	0 33	26 43	4 49	11 39	2 46	0 50	0 52	24 53	1 1	23 56	0 35	21 10	2 2	20 18	0 42	19 30	1 6	25 29	2 35	0 48	0 49	28 59		n.a.
T 6	0 57	22 58	4 8	11 57	2 45	1 21	0 50	24 55	1 3	23 57	0 35	21 10	2 2	20 17	0 42	19 29	1 6	25 29	2 35	0 48	0 50	28 59		n.a.
F 7	1 20	17 56	3 13	12 13	2 43	1 53	0 48	24 56	1 5	23 58	0 35	21 10	2 2	20 17	0 42	19 29	1 6	25 29	2 36	0 48	0 52	28 59		n.a.
S 8	1 43	12 0	2 7	12 27	2 40	2 24	0 47	24 58	1 7	23 58	0 35	21 11	2 1	20 16	0 42	19 29	1 6	25 29	2 36	0 48	0 53	28 59		n.a.
S 9	2 6	5 34	0 54	12 37	2 36	2 55	0 45	25 0	1 9	23 59	0 35	21 11	2 1	20 16	0 42	19 28	1 6	25 29	2 36	0 47	0 54	28 59		n.a.
M10	2 30	1n 0	0n20	12 45	2 30	3 27	0 43	25 1	1 11	24 0	0 35	21 11	2 1	20 16	0 42	19 28	1 7	25 29	2 36	0 47	0 56	28 59		n.a.
T 11	2 53	7 24	1 32	12 50	2 24	3 58	0 41	25 2	1 13	24 0	0 35	21 11	2 1	20 15	0 42	19 28	1 7	25 29	2 36	0 48	0 57	28 58		n.a.
W12	3 16	13 22	2 38	12 52	2 17	4 29	0 38	25 3	1 15	24 1	0 35	21 11	2 1	20 15	0 42	19 27	1 7	25 30	2 36	0 48	0 58	28 58		n.a.
T 13	3 39	18 39	3 34	12 52	2 9	5 0	0 36	25 4	1 17	24 2	0 35	21 11	2 1	20 14	0 42	19 27	1 7	25 30	2 36	0 48	0 59	28 58		n.a.
F 14	4 2	23 2	4 19	12 49	1 59	5 31	0 34	25 5	1 20	24 2	0 35	21 12	2 1	20 14	0 42	19 27	1 7	25 30	2 37	0 49	1 1	28 58		n.a.
S 15	4 25	26 20	4 51	12 43	1 49	6 2	0 32	25 6	1 22	24 3	0 35	21 12	2 1	20 13	0 42	19 26	1 7	25 30	2 37	0 50	1 2	28 57		n.a.
S 16	4 48	28 24	5 10	12 35	1 38	6 33	0 30	25 6	1 24	24 3	0 35	21 12	2 0	20 13	0 42	19 26	1 7	25 30	2 37	0 50	1 3	28 57		n.a.
M17	5 10	29 7	5 15	12 24	1 26	7 3	0 28	25 6	1 26	24 4	0 35	21 12	2 0	20 13	0 42	19 26	1 7	25 30	2 37	0 51	1 5	28 57		n.a.
T 18	5 33	28 29	5 7	12 10	1 13	7 34	0 25	25 6	1 29	24 5	0 35	21 12	2 0	20 12	0 42	19 26	1 7	25 30	2 37	0 51	1 6	28 57		n.a.
W19	5 56	26 33	4 46	11 54	0 59	8 4	0 23	25 6	1 31	24 5	0 35	21 11	2 0	20 12	0 42	19 25	1 7	25 30	2 37	0 51	1 7	28 56		n.a.
T 20	6 18	23 24	4 12	11 36	0 44	8 34	0 21	25 6	1 33	24 6	0 35	21 11	2 0	20 12	0 42	19 25	1 7	25 30	2 38	0 51	1 8	28 56		n.a.
F 21	6 40	19 11	3 26	11 16	0 29	9 4	0 18	25 6	1 36	24 7	0 35	21 11	2 0	20 11	0 42	19 25	1 7	25 30	2 38	0 50	1 10	28 56		n.a.
S 22	7 3	14 5	2 29	10 53	0 13	9 33	0 16	25 6	1 38	24 7	0 35	21 11	2 0	20 11	0 42	19 24	1 7	25 30	2 38	0 50	1 11	28 56		n.a.
S 23	7 25	8 16	1 24	10 30	0 s 4	10 3	0 14	25 5	1 40	24 8	0 35	21 11	1 59	20 11	0 42	19 24	1 7	25 31	2 38	0 49	1 12	28 55		n.a.
M24	7 47	1 57	0 13	10 4	0 20	10 32	0 11	25 4	1 43	24 9	0 35	21 11	1 59	20 10	0 43	19 24	1 7	25 31	2 38	0 49	1 14	28 55		n.a.
T 25	8 9	4 s37	1 s 1	9 38	0 37	11 1	0 9	25 4	1 45	24 9	0 35	21 11	1 59	20 10	0 43	19 24	1 7	25 31	2 38	0 49	1 15	28 55		n.a.
W26	8 31	11 8	2 13	9 11	0 54	11 30	0 7	25 3	1 48	24 10	0 35	21 10	1 59	20 10	0 43	19 24	1 7	25 31	2 38	0 50	1 16	28 54		n.a.
T 27	8 53	17 14	3 18	8 43	1 11	11 58	0 4	25 2	1 50	24 11	0 35	21 10	1 59	20 9	0 43	19 23	1 7	25 31	2 39	0 51	1 17	28 54		n.a.
F 28	9 14	22 29	4 12	8 15	1 28	12 26	0 2	25 0	1 53	24 11	0 35	21 10	1 59	20 9	0 43	19 23	1 7	25 31	2 39	0 52	1 19	28 54		n.a.
S 29	9 36	26 26	4 50	7 47	1 44	12 54	0n 0	24 59	1 55	24 12	0 35	21 9	1 59	20 9	0 43	19 23	1 7	25 31	2 39	0 53	1 20	28 53		n.a.
S 30	9n57	28 s40	5 s10	7n20	2 s 0	13n22	0n 3	24 s58	1 s58	24n13	0n35	21n 9	1n58	20 s 9	0 s43	19 s23	1 s 7	25 s31	2 s39	0 s55	1 s21	28n53		n.a.

Julian Day Number = 1196283.5, Delta T = 09h27m05s
Ecliptic obliquity = 23°52'00, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'48, Lahiri = -23°47'48 Julian Calendar 1 Apr. 1438 BCE == Greg. Calendar 19 March 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

MAY 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 42 20	26♈13'41	4♉50	22°R43	5♉56	15♉31	22♊11	5♌29	4♒37	9♒ 7	13°R57	27°R42	26♓36	4♋37	n.a.	M 1
T 2	13 46 16	27°10'50	19° 9	22♈11	7°10	16° 5	22°21	5°30	4°38	9° 8	13♐56	27♓41	26°33	4°43	n.a.	T 2
W 3	13 50 13	28° 7'59	3♒18	21°42	8°23	16°40	22°31	5°31	4°39	9° 9	13°55	27°D41	26°30	4°50	n.a.	W 3
T 4	13 54 9	29° 5'07	17°15	21°15	9°37	17°14	22°41	5°32	4°40	9°10	13°55	27°42	26°26	4°57	n.a.	T 4
F 5	13 58 6	0♉ 2'15	0♓59	20°51	10°50	17°48	22°51	5°34	4°41	9°10	13°54	27°43	26°23	5° 4	n.a.	F 5
S 6	14 2 3	0°59'23	14°30	20°30	12° 4	18°21	23° 2	5°35	4°42	9°11	13°53	27°44	26°20	5°10	n.a.	S 6
S 7	14 5 59	1°56'30	27°49	20°12	13°17	18°55	23°12	5°36	4°43	9°12	13°52	27°R45	26°17	5°17	n.a.	S 7
M 8	14 9 56	2°53'37	10♈55	19°59	14°31	19°28	23°22	5°38	4°44	9°12	13°51	27°44	26°14	5°24	n.a.	M 8
T 9	14 13 52	3°50'44	23°48	19°49	15°45	20° 1	23°33	5°40	4°44	9°13	13°50	27°42	26°10	5°30	n.a.	T 9
W10	14 17 49	4°47'51	6♉30	19°44	16°58	20°33	23°43	5°42	4°45	9°13	13°49	27°38	26° 7	5°37	n.a.	W10
T 11	14 21 45	5°44'57	18°59	19°D44	18°12	21° 6	23°54	5°43	4°46	9°14	13°48	27°32	26° 4	5°44	n.a.	T 11
F 12	14 25 42	6°42'03	1♊17	19°48	19°25	21°38	24° 5	5°45	4°46	9°14	13°47	27°25	26° 1	5°51	n.a.	F 12
S 13	14 29 38	7°39'08	13°25	19°56	20°39	22°10	24°15	5°48	4°47	9°15	13°46	27°18	25°58	5°57	n.a.	S 13
S 14	14 33 35	8°36'13	25°25	20°10	21°52	22°42	24°26	5°50	4°47	9°15	13°44	27°11	25°55	6° 4	n.a.	S 14
M15	14 37 32	9°33'18	7♋19	20°28	23° 6	23°13	24°37	5°52	4°48	9°16	13°43	27° 6	25°51	6°11	n.a.	M15
T 16	14 41 28	10°30'23	19°11	20°51	24°19	23°44	24°48	5°54	4°48	9°16	13°42	27° 2	25°48	6°18	n.a.	T 16
W17	14 45 25	11°27'27	1♌ 4	21°18	25°33	24°15	24°59	5°57	4°48	9°16	13°41	26°59	25°45	6°24	n.a.	W17
T 18	14 49 21	12°24'30	13° 4	21°50	26°46	24°45	25°11	5°59	4°49	9°17	13°40	26°D59	25°42	6°31	n.a.	T 18
F 19	14 53 18	13°21'33	25°15	22°27	28° 0	25°15	25°22	6° 2	4°49	9°17	13°39	26°59	25°39	6°38	n.a.	F 19
S 20	14 57 14	14°18'36	7♍43	23° 8	29°13	25°45	25°33	6° 5	4°49	9°17	13°38	27° 0	25°36	6°44	n.a.	S 20
S 21	15 1 11	15°15'39	20°30	23°54	0♊27	26°15	25°44	6° 8	4°49	9°17	13°36	27°R 2	25°32	6°51	n.a.	S 21
M22	15 5 8	16°12'41	3♎42	24°44	1°40	26°44	25°56	6°10	4°49	9°17	13°35	27° 1	25°29	6°58	n.a.	M22
T 23	15 9 4	17° 9'43	17°20	25°38	2°53	27°13	26° 7	6°13	4°49	9°18	13°34	27° 0	25°26	7° 5	n.a.	T 23
W24	15 13 1	18° 6'46	1♏25	26°37	4° 7	27°41	26°19	6°17	4°R49	9°18	13°33	26°56	25°23	7°11	n.a.	W24
T 25	15 16 57	19° 3'48	15°52	27°40	5°20	28°10	26°31	6°20	4°49	9°18	13°31	26°50	25°20	7°18	n.a.	T 25
F 26	15 20 54	20° 0'51	0♐36	28°47	6°34	28°37	26°42	6°23	4°49	9°R18	13°30	26°43	25°16	7°25	n.a.	F 26
S 27	15 24 50	20°57'53	15°30	29°58	7°47	29° 5	26°54	6°26	4°49	9°18	13°29	26°35	25°13	7°31	n.a.	S 27
S 28	15 28 47	21°54'57	0♑25	1♉14	9° 0	29°32	27° 6	6°30	4°49	9°18	13°28	26°27	25°10	7°38	n.a.	S 28
M29	15 32 44	22°52'01	15°13	2°33	10°14	29°59	27°18	6°33	4°49	9°18	13°26	26°21	25° 7	7°45	n.a.	M29
T 30	15 36 40	23°49'05	29°45	3°57	11°27	0♒25	27°30	6°37	4°48	9°17	13°25	26°16	25° 4	7°52	n.a.	T 30
W31	15 40 37	24♉46'10	14♒ 0	5♉24	12♊41	0♒51	27♊42	6♌41	4♒48	9♒17	13♐24	26♓14	25♓ 1	7♋58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10n18	28s57	5s10	6n54	2s15	13n49	0n 5	24s56	2s 0	24n13	0n35	21n 9	1n58	20s 8	0s43	19s23	1s 7	25s31	2s39	0s56	1s23	28n53			n.a.
T 2	10 39	27 16	4 51	6 29	2 29	14 16	0 8	24 55	2 3	24 14	0 35	21 8	1 58	20 8	0 43	19 22	1 8	25 31	2 39	0 56	1 24	28 52			n.a.
W 3	11 0	23 53	4 15	6 6	2 42	14 43	0 10	24 53	2 6	24 14	0 35	21 8	1 58	20 8	0 43	19 22	1 8	25 31	2 40	0 56	1 25	28 52			n.a.
T 4	11 21	19 10	3 23	5 44	2 55	15 9	0 13	24 51	2 8	24 15	0 35	21 8	1 58	20 8	0 43	19 22	1 8	25 31	2 40	0 56	1 26	28 51			n.a.
F 5	11 41	13 30	2 21	5 25	3 6	15 35	0 15	24 49	2 11	24 16	0 35	21 7	1 58	20 8	0 43	19 22	1 8	25 31	2 40	0 55	1 28	28 51			n.a.
S 6	12 1	7 18	1 12	5 8	3 16	16 0	0 17	24 47	2 14	24 16	0 35	21 7	1 58	20 7	0 43	19 22	1 8	25 31	2 40	0 55	1 29	28 51			n.a.
S 7	12 22	0 53	0n 0	4 53	3 24	16 25	0 20	24 45	2 16	24 17	0 35	21 6	1 57	20 7	0 43	19 22	1 8	25 31	2 40	0 55	1 30	28 50			n.a.
M 8	12 42	5n29	1 11	4 41	3 32	16 50	0 22	24 43	2 19	24 17	0 35	21 5	1 57	20 7	0 43	19 22	1 8	25 31	2 40	0 55	1 32	28 50			n.a.
T 9	13 1	11 31	2 17	4 32	3 38	17 14	0 25	24 41	2 22	24 18	0 36	21 5	1 57	20 7	0 43	19 21	1 8	25 31	2 40	0 56	1 33	28 49			n.a.
W10	13 21	16 59	3 15	4 25	3 43	17 38	0 27	24 39	2 25	24 18	0 36	21 4	1 57	20 7	0 43	19 21	1 8	25 31	2 41	0 58	1 34	28 49			n.a.
T 11	13 40	21 39	4 2	4 21	3 47	18 1	0 29	24 36	2 28	24 19	0 36	21 4	1 57	20 7	0 43	19 21	1 8	25 31	2 41	1 0	1 35	28 48			n.a.
F 12	14 0	25 18	4 38	4 20	3 50	18 24	0 32	24 34	2 31	24 19	0 36	21 3	1 57	20 7	0 43	19 21	1 8	25 31	2 41	1 3	1 37	28 48			n.a.
S 13	14 19	27 46	5 0	4 22	3 51	18 47	0 34	24 32	2 33	24 20	0 36	21 2	1 57	20 7	0 43	19 21	1 8	25 31	2 41	1 5	1 38	28 48			n.a.
S 14	14 37	28 56	5 9	4 27	3 52	19 8	0 36	24 29	2 36	24 20	0 36	21 2	1 56	20 6	0 43	19 21	1 8	25 31	2 41	1 8	1 39	28 47			n.a.
M15	14 56	28 43	5 4	4 35	3 51	19 30	0 39	24 27	2 39	24 21	0 36	21 1	1 56	20 6	0 43	19 21	1 8	25 31	2 41	1 10	1 41	28 47			n.a.
T 16	15 14	27 11	4 46	4 45	3 49	19 51	0 41	24 24	2 42	24 21	0 36	21 0	1 56	20 6	0 43	19 21	1 8	25 31	2 41	1 12	1 42	28 46			n.a.
W17	15 32	24 26	4 16	4 58	3 46	20 11	0 43	24 22	2 45	24 22	0 36	21 0	1 56	20 6	0 43	19 21	1 8	25 31	2 41	1 13	1 43	28 46			n.a.
T 18	15 50	20 37	3 35	5 13	3 42	20 31	0 45	24 19	2 48	24 22	0 36	20 59	1 56	20 6	0 43	19 21	1 8	25 31	2 42	1 13	1 44	28 45			n.a.
F 19	16 8	15 53	2 43	5 31	3 38	20 50	0 47	24 16	2 51	24 23	0 36	20 58	1 56	20 6	0 43	19 21	1 8	25 31	2 42	1 13	1 46	28 45			n.a.
S 20	16 25	10 24	1 42	5 52	3 32	21 9	0 50	24 14	2 54	24 23	0 36	20 57	1 56	20 6	0 44	19 21	1 8	25 31	2 42	1 13	1 47	28 44			n.a.
S 21	16 42	4 22	0 35	6 15	3 26	21 27	0 52	24 11	2 58	24 24	0 36	20 56	1 56	20 6	0 44	19 21	1 8	25 31	2 42	1 12	1 48	28 43			n.a.
M22	16 59	2s 3	0s36	6 40	3 19	21 44	0 54	24 8	3 1	24 24	0 36	20 55	1 55	20 6	0 44	19 21	1 9	25 31	2 42	1 12	1 49	28 43			n.a.
T 23	17 16	8 34	1 47	7 7	3 11	22 1	0 56	24 5	3 4	24 24	0 36	20 55	1 55	20 6	0 44	19 21	1 9	25 31	2 42	1 13	1 51	28 42			n.a.
W24	17 32	14 53	2 54	7 36	3 3	22 18	0 58	24 3	3 7	24 25	0 36	20 54	1 55	20 6	0 44	19 21	1 9	25 31	2 42	1 14	1 52	28 42			n.a.
T 25	17 48	20 34	3 51	8 8	2 54	22 33	1 0	24 0	3 10	24 25	0 36	20 53	1 55	20 6	0 44	19 21	1 9	25 31	2 42	1 17	1 53	28 41			n.a.
F 26	18 4	25 6	4 34	8 41	2 44	22 48	1 2	23 57	3 13	24 26	0 36	20 52	1 55	20 6	0 44	19 21	1 9	25 31	2 43	1 20	1 55	28 41			n.a.
S 27	18 19	28 1	5 0	9 16	2 34	23 3	1 4	23 55	3 17	24 26	0 36	20 51	1 55	20 7	0 44	19 21	1 9	25 31	2 43	1 23	1 56	28 40			n.a.
S 28	18 34	28 56	5 4	9 52	2 24	23 16	1 6	23 52	3 20	24 26	0 36	20 50	1 55	20 7	0 44	19 21	1 9	25 31	2 43	1 26	1 57	28 39			n.a.
M29	18 49	27 46	4 49	10 30	2 13	23 30	1 7	23 49	3 23	24 27	0 36	20 49	1 55	20 7	0 44	19 21	1 9	25 31	2 43	1 29	1 58	28 39			n.a.
T 30	19 4	24 43	4 15	11 9	2 2	23 42	1 9	23 47	3 27	24 27	0 36	20 48	1 54	20 7	0 44	19 21	1 9	25 31	2 43	1 30	2 0	28 38			n.a.
W31	19n18	20s12	3s26	11n50	1s50	23n54	1n11	23s44	3s30	24n27	0n36	20n47	1n54	20s 7	0s44	19s21	1s 9	25s31	2s43	1s31	2s 1	28n38			n.a.

Julian Day Number = 1196313.5, Delta T = 09h27m03s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'44, Lahiri = -23°47'44 Julian Calendar 1 May 1438 BCE == Greg. Calendar 18 Apr. 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

JUNE 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 44 33	25♉43'15	27♒54	6♉55	13♊54	1♒16	27♊54	6♌44	4°R48	9°R17	13°R22	26°D14	24♓57	8♋ 5	n.a.	T 1
F 2	15 48 30	26°40'21	11♓29	8°30	15° 7	1°41	28° 6	6°48	4♒47	9♒17	13♐21	26♓14	24°54	8°12	n.a.	F 2
S 3	15 52 26	27°37'28	24°45	10° 8	16°21	2° 6	28°18	6°52	4°47	9°17	13°20	26°R15	24°51	8°19	n.a.	S 3
S 4	15 56 23	28°34'36	7♈46	11°50	17°34	2°30	28°30	6°56	4°46	9°16	13°18	26°14	24°48	8°25	n.a.	S 4
M 5	16 0 19	29°31'44	20°33	13°36	18°48	2°53	28°42	7° 0	4°46	9°16	13°17	26°11	24°45	8°32	n.a.	M 5
T 6	16 4 16	0♊28'53	3♉ 8	15°24	20° 1	3°16	28°54	7° 4	4°45	9°16	13°15	26° 6	24°42	8°39	n.a.	T 6
W 7	16 8 13	1°26'03	15°33	17°16	21°14	3°39	29° 7	7° 9	4°44	9°15	13°14	25°59	24°38	8°45	n.a.	W 7
T 8	16 12 9	2°23'14	27°49	19°10	22°28	4° 1	29°19	7°13	4°44	9°15	13°13	25°48	24°35	8°52	n.a.	T 8
F 9	16 16 6	3°20'25	9♊57	21° 7	23°41	4°22	29°31	7°17	4°43	9°15	13°11	25°37	24°32	8°59	n.a.	F 9
S 10	16 20 2	4°17'37	21°58	23° 7	24°54	4°43	29°44	7°22	4°42	9°14	13°10	25°24	24°29	9° 6	n.a.	S 10
S 11	16 23 59	5°14'50	3♋53	25° 8	26° 8	5° 4	29°56	7°26	4°41	9°14	13° 8	25°12	24°26	9°12	n.a.	S 11
M12	16 27 55	6°12'03	15°45	27°11	27°21	5°24	0♋ 9	7°31	4°40	9°13	13° 7	25° 2	24°22	9°19	n.a.	M12
T 13	16 31 52	7° 9'17	27°35	29°15	28°34	5°43	0°21	7°36	4°39	9°13	13° 6	24°53	24°19	9°26	n.a.	T 13
W14	16 35 49	8° 6'32	9♌27	1♊20	29°48	6° 2	0°34	7°40	4°38	9°12	13° 4	24°47	24°16	9°32	n.a.	W14
T 15	16 39 45	9° 3'47	21°25	3°27	1♋ 1	6°20	0°47	7°45	4°37	9°11	13° 3	24°44	24°13	9°39	n.a.	T 15
F 16	16 43 42	10° 1'02	3♍34	5°33	2°14	6°37	0°59	7°50	4°36	9°11	13° 1	24°43	24°10	9°46	n.a.	F 16
S 17	16 47 38	10°58'18	15°58	7°40	3°27	6°54	1°12	7°55	4°35	9°10	13° 0	24°D43	24° 7	9°53	n.a.	S 17
S 18	16 51 35	11°55'35	28°42	9°46	4°41	7°11	1°25	8° 0	4°34	9° 9	12°59	24°R43	24° 3	9°59	n.a.	S 18
M19	16 55 31	12°52'53	11♎52	11°53	5°54	7°26	1°37	8° 5	4°33	9° 9	12°57	24°42	24° 0	10° 6	n.a.	M19
T 20	16 59 28	13°50'11	25°30	13°58	7° 7	7°41	1°50	8°10	4°32	9° 8	12°56	24°39	23°57	10°13	n.a.	T 20
W21	17 3 24	14°47'30	9♏37	16° 3	8°20	7°55	2° 3	8°15	4°30	9° 7	12°54	24°34	23°54	10°19	n.a.	W21
T 22	17 7 21	15°44'50	24°12	18° 7	9°34	8° 9	2°16	8°21	4°29	9° 6	12°53	24°26	23°51	10°26	n.a.	T 22
F 23	17 11 18	16°42'12	9♐10	20°10	10°47	8°22	2°29	8°26	4°28	9° 6	12°51	24°16	23°47	10°33	n.a.	F 23
S 24	17 15 14	17°39'34	24°21	22°11	12° 0	8°34	2°42	8°32	4°26	9° 5	12°50	24° 5	23°44	10°40	n.a.	S 24
S 25	17 19 11	18°36'57	9♑35	24°12	13°13	8°46	2°55	8°37	4°25	9° 4	12°49	23°55	23°41	10°46	n.a.	S 25
M26	17 23 7	19°34'22	24°42	26°11	14°26	8°57	3° 7	8°43	4°24	9° 3	12°47	23°46	23°38	10°53	n.a.	M26
T 27	17 27 4	20°31'48	9♒32	28° 8	15°39	9° 7	3°20	8°48	4°22	9° 2	12°46	23°40	23°35	11° 0	n.a.	T 27
W28	17 31 0	21°29'16	23°58	0♋ 5	16°53	9°16	3°33	8°54	4°20	9° 1	12°44	23°36	23°32	11° 7	n.a.	W28
T 29	17 34 57	22°26'45	7♓59	1°59	18° 6	9°25	3°46	8°59	4°19	9° 0	12°43	23°34	23°28	11°13	n.a.	T 29
F 30	17 38 54	23♊24'16	21♓34	3♋52	19♋19	9♒32	3♋59	9♌ 5	4♒17	8♒59	12♐42	23♓34	23♓25	11♋20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n32	14s41	2s25	12n32	1s38	24n 5	1n13	23s42	3s33	24n27	0n36	20n45	1n54	20s 7	0s44	19s21	1s 9	25s31	2s43	1s32	2s 2	28n37		n.a.
F 2	19 46	8 35	1 18	13 14	1 26	24 15	1 14	23 39	3 37	24 28	0 36	20 44	1 54	20 7	0 44	19 22	1 9	25 31	2 43	1 31	2 4	28 36		n.a.
S 3	19 59	2 14	0 8	13 57	1 14	24 25	1 16	23 37	3 40	24 28	0 36	20 43	1 54	20 7	0 44	19 22	1 9	25 30	2 44	1 31	2 5	28 36		n.a.
S 4	20 12	4n 4	1n 1	14 41	1 1	24 34	1 17	23 35	3 44	24 28	0 37	20 42	1 54	20 8	0 44	19 22	1 9	25 30	2 44	1 31	2 6	28 35		n.a.
M 5	20 25	10 6	2 6	15 25	0 49	24 42	1 19	23 32	3 47	24 28	0 37	20 41	1 54	20 8	0 44	19 22	1 9	25 30	2 44	1 32	2 7	28 34		n.a.
T 6	20 37	15 38	3 3	16 10	0 37	24 49	1 20	23 30	3 50	24 28	0 37	20 40	1 54	20 8	0 44	19 22	1 9	25 30	2 44	1 34	2 9	28 34		n.a.
W 7	20 49	20 27	3 51	16 54	0 25	24 56	1 22	23 28	3 54	24 28	0 37	20 38	1 53	20 8	0 44	19 22	1 9	25 30	2 44	1 38	2 10	28 33		n.a.
T 8	21 1	24 21	4 27	17 37	0 13	25 2	1 23	23 26	3 58	24 29	0 37	20 37	1 53	20 8	0 44	19 22	1 9	25 30	2 44	1 42	2 11	28 32		n.a.
F 9	21 12	27 7	4 50	18 21	0 1	25 7	1 24	23 24	4 1	24 29	0 37	20 36	1 53	20 8	0 44	19 22	1 9	25 30	2 44	1 46	2 13	28 32		n.a.
S 10	21 23	28 37	5 1	19 3	0n10	25 12	1 26	23 22	4 5	24 29	0 37	20 35	1 53	20 9	0 44	19 23	1 9	25 30	2 44	1 51	2 14	28 31		n.a.
S 11	21 33	28 46	4 58	19 44	0 21	25 15	1 27	23 21	4 8	24 29	0 37	20 33	1 53	20 9	0 44	19 23	1 9	25 30	2 44	1 56	2 15	28 30		n.a.
M12	21 44	27 35	4 42	20 23	0 32	25 18	1 28	23 19	4 12	24 29	0 37	20 32	1 53	20 9	0 44	19 23	1 10	25 30	2 44	2 1	2 16	28 29		n.a.
T 13	21 54	25 10	4 14	21 1	0 42	25 20	1 29	23 18	4 15	24 29	0 37	20 31	1 53	20 9	0 44	19 23	1 10	25 30	2 45	2 4	2 18	28 29		n.a.
W14	22 3	21 39	3 35	21 38	0 51	25 22	1 30	23 16	4 19	24 29	0 37	20 29	1 53	20 10	0 44	19 23	1 10	25 30	2 45	2 6	2 19	28 28		n.a.
T 15	22 12	17 14	2 47	22 12	1 0	25 23	1 31	23 15	4 23	24 29	0 37	20 28	1 53	20 10	0 45	19 24	1 10	25 30	2 45	2 8	2 20	28 27		n.a.
F 16	22 21	12 4	1 50	22 43	1 8	25 22	1 32	23 14	4 26	24 29	0 37	20 27	1 53	20 10	0 45	19 24	1 10	25 29	2 45	2 8	2 22	28 27		n.a.
S 17	22 29	6 20	0 46	23 13	1 15	25 22	1 32	23 13	4 30	24 29	0 37	20 25	1 52	20 11	0 45	19 24	1 10	25 29	2 45	2 8	2 23	28 26		n.a.
S 18	22 37	0 12	0s21	23 40	1 22	25 20	1 33	23 13	4 34	24 29	0 37	20 24	1 52	20 11	0 45	19 24	1 10	25 29	2 45	2 8	2 24	28 25		n.a.
M19	22 45	6s 8	1 29	24 4	1 28	25 18	1 34	23 12	4 37	24 29	0 37	20 22	1 52	20 11	0 45	19 25	1 10	25 29	2 45	2 9	2 25	28 24		n.a.
T 20	22 52	12 26	2 35	24 25	1 33	25 15	1 34	23 11	4 41	24 29	0 37	20 21	1 52	20 12	0 45	19 25	1 10	25 29	2 45	2 10	2 27	28 23		n.a.
W21	22 59	18 19	3 33	24 44	1 37	25 11	1 35	23 11	4 45	24 28	0 37	20 19	1 52	20 12	0 45	19 25	1 10	25 29	2 45	2 12	2 28	28 23		n.a.
T 22	23 5	23 21	4 20	25 0	1 41	25 6	1 35	23 11	4 48	24 28	0 38	20 18	1 52	20 12	0 45	19 25	1 10	25 29	2 45	2 15	2 29	28 22		n.a.
F 23	23 11	26 59	4 50	25 14	1 44	25 1	1 36	23 11	4 52	24 28	0 38	20 16	1 52	20 13	0 45	19 26	1 10	25 29	2 45	2 19	2 30	28 21		n.a.
S 24	23 17	28 45	5 0	25 24	1 47	24 54	1 36	23 11	4 56	24 28	0 38	20 15	1 52	20 13	0 45	19 26	1 10	25 29	2 46	2 23	2 32	28 20		n.a.
S 25	23 22	28 19	4 49	25 33	1 49	24 48	1 36	23 12	4 59	24 28	0 38	20 13	1 52	20 13	0 45	19 26	1 10	25 29	2 46	2 27	2 33	28 19		n.a.
M26	23 27	25 48	4 18	25 38	1 50	24 40	1 36	23 12	5 3	24 27	0 38	20 12	1 52	20 14	0 45	19 26	1 10	25 28	2 46	2 31	2 34	28 18		n.a.
T 27	23 31	21 33	3 30	25 41	1 50	24 32	1 36	23 13	5 7	24 27	0 38	20 10	1 52	20 14	0 45	19 27	1 10	25 28	2 46	2 34	2 36	28 18		n.a.
W28	23 35	16 7	2 29	25 42	1 50	24 22	1 36	23 14	5 10	24 27	0 38	20 9	1 51	20 15	0 45	19 27	1 10	25 28	2 46	2 35	2 37	28 17		n.a.
T 29	23 39	9 59	1 21	25 40	1 49	24 13	1 36	23 15	5 14	24 27	0 38	20 7	1 51	20 15	0 45	19 27	1 10	25 28	2 46	2 36	2 38	28 16		n.a.
F 30	23n42	3s34	0s10	25n36	1n48	24n 2	1n36	23s16	5s18	24n26	0n38	20n 5	1n51	20s15	0s45	19s28	1s10	25s28	2s46	2s36	2s39	28n15		n.a.

Julian Day Number = 1196344.5, Delta T = 09h27m02s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'40, Lahiri = -23°47'40 Julian Calendar 1 June 1438 BCE == Greg. Calendar 19 May 1438 BCE

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

JULY 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 42 50	24♊21'48	4♈47	5♋44	20♋32	9♒39	4♋12	9♌11	4°R16	8°R58	12°R40	23°R33	23♓22	11♋27	n.a.	S 1
S 2	17 46 47	25°19'22	17°39	7°34	21°45	9°45	4°25	9°17	4♒14	8♒57	12♐39	23♓32	23°19	11°33	n.a.	S 2
M 3	17 50 43	26°16'57	0♉14	9°23	22°58	9°51	4°39	9°23	4°12	8°56	12°37	23°29	23°16	11°40	n.a.	M 3
T 4	17 54 40	27°14'35	12°37	11°10	24°11	9°55	4°52	9°29	4°10	8°55	12°36	23°23	23°13	11°47	n.a.	T 4
W 5	17 58 36	28°12'13	24°50	12°56	25°24	9°59	5° 5	9°35	4° 9	8°53	12°35	23°14	23° 9	11°54	n.a.	W 5
T 6	18 2 33	29° 9'54	6♊55	14°40	26°37	10° 1	5°18	9°41	4° 7	8°52	12°33	23° 3	23° 6	12° 0	n.a.	T 6
F 7	18 6 29	0♋ 7'36	18°54	16°23	27°50	10° 3	5°31	9°47	4° 5	8°51	12°32	22°50	23° 3	12° 7	n.a.	F 7
S 8	18 10 26	1° 5'20	0♋49	18° 5	29° 3	10° 5	5°44	9°53	4° 3	8°50	12°31	22°36	23° 0	12°14	n.a.	S 8
S 9	18 14 23	2° 3'05	12°41	19°44	0♌16	10°R 5	5°57	9°59	4° 1	8°49	12°29	22°22	22°57	12°20	n.a.	S 9
M10	18 18 19	3° 0'52	24°32	21°23	1°29	10° 4	6°10	10° 6	3°59	8°47	12°28	22°10	22°54	12°27	n.a.	M10
T 11	18 22 16	3°58'40	6♌23	23° 0	2°42	10° 3	6°23	10°12	3°57	8°46	12°27	22° 0	22°50	12°34	n.a.	T 11
W12	18 26 12	4°56'30	18°17	24°36	3°55	10° 0	6°37	10°18	3°55	8°45	12°25	21°53	22°47	12°41	n.a.	W12
T 13	18 30 9	5°54'21	0♍16	26°10	5° 8	9°57	6°50	10°25	3°53	8°43	12°24	21°49	22°44	12°47	n.a.	T 13
F 14	18 34 5	6°52'14	12°25	27°43	6°21	9°53	7° 3	10°31	3°51	8°42	12°23	21°47	22°41	12°54	n.a.	F 14
S 15	18 38 2	7°50'08	24°48	29°14	7°33	9°48	7°16	10°38	3°49	8°41	12°22	21°D47	22°38	13° 1	n.a.	S 15
S 16	18 41 58	8°48'03	7♎29	0♌44	8°46	9°43	7°29	10°44	3°47	8°39	12°20	21°R47	22°34	13° 7	n.a.	S 16
M17	18 45 55	9°46'00	20°34	2°13	9°59	9°36	7°42	10°51	3°45	8°38	12°19	21°47	22°31	13°14	n.a.	M17
T 18	18 49 52	10°43'58	4♏ 5	3°40	11°12	9°29	7°55	10°57	3°43	8°37	12°18	21°45	22°28	13°21	n.a.	T 18
W19	18 53 48	11°41'58	18° 6	5° 6	12°25	9°21	8° 9	11° 4	3°41	8°35	12°17	21°41	22°25	13°28	n.a.	W19
T 20	18 57 45	12°40'00	2♐36	6°30	13°37	9°12	8°22	11°11	3°38	8°34	12°15	21°34	22°22	13°34	n.a.	T 20
F 21	19 1 41	13°38'03	17°31	7°52	14°50	9° 2	8°35	11°17	3°36	8°32	12°14	21°25	22°19	13°41	n.a.	F 21
S 22	19 5 38	14°36'08	2♑43	9°13	16° 3	8°52	8°48	11°24	3°34	8°31	12°13	21°16	22°15	13°48	n.a.	S 22
S 23	19 9 34	15°34'15	18° 3	10°33	17°15	8°41	9° 1	11°31	3°32	8°29	12°12	21° 6	22°12	13°54	n.a.	S 23
M24	19 13 31	16°32'23	3♒19	11°51	18°28	8°29	9°14	11°38	3°30	8°28	12°11	20°58	22° 9	14° 1	n.a.	M24
T 25	19 17 27	17°30'34	18°21	13° 7	19°41	8°17	9°27	11°44	3°27	8°26	12°10	20°52	22° 6	14° 8	n.a.	T 25
W26	19 21 24	18°28'46	2♓59	14°22	20°53	8° 4	9°40	11°51	3°25	8°25	12° 9	20°48	22° 3	14°15	n.a.	W26
T 27	19 25 21	19°27'01	17°11	15°34	22° 6	7°50	9°53	11°58	3°23	8°23	12° 8	20°D47	21°59	14°21	n.a.	T 27
F 28	19 29 17	20°25'18	0♈54	16°45	23°18	7°36	10° 6	12° 5	3°20	8°22	12° 7	20°47	21°56	14°28	n.a.	F 28
S 29	19 33 14	21°23'37	14°10	17°54	24°31	7°21	10°19	12°12	3°18	8°20	12° 6	20°48	21°53	14°35	n.a.	S 29
S 30	19 37 10	22°21'58	27° 3	19° 0	25°43	7° 6	10°32	12°19	3°16	8°18	12° 5	20°R48	21°50	14°41	n.a.	S 30
M31	19 41 7	23♋20'22	9♉36	20♌ 5	26♌55	6♒50	10♋45	12♌26	3♒13	8♒17	12♐ 4	20♓47	21♓47	14♋48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n45	2n50	0n59	25n30	1n46	23n51	1n36	23s18	5s21	24n26	0n38	20n 4	1n51	20s16	0s45	19s28	1s10	25s28	2s46	2s36	2s41	28n14		n.a.
S 2	23 47	8 56	2 3	25 22	1 44	23 39	1 36	23 20	5 25	24 26	0 38	20 2	1 51	20 16	0 45	19 28	1 10	25 28	2 46	2 37	2 42	28 13		n.a.
M 3	23 49	14 34	3 1	25 12	1 41	23 26	1 35	23 21	5 28	24 25	0 38	20 0	1 51	20 17	0 45	19 29	1 10	25 28	2 46	2 38	2 43	28 12		n.a.
T 4	23 50	19 30	3 48	25 1	1 38	23 13	1 35	23 24	5 32	24 25	0 38	19 59	1 51	20 17	0 45	19 29	1 10	25 28	2 46	2 40	2 45	28 11		n.a.
W 5	23 51	23 34	4 24	24 47	1 34	22 59	1 34	23 26	5 35	24 24	0 38	19 57	1 51	20 18	0 45	19 29	1 11	25 27	2 46	2 44	2 46	28 11		n.a.
T 6	23 52	26 35	4 48	24 32	1 30	22 44	1 34	23 28	5 39	24 24	0 39	19 55	1 51	20 18	0 45	19 30	1 11	25 27	2 46	2 48	2 47	28 10		n.a.
F 7	23 52	28 21	4 59	24 15	1 25	22 29	1 33	23 31	5 42	24 24	0 39	19 54	1 51	20 19	0 45	19 30	1 11	25 27	2 46	2 54	2 48	28 9		n.a.
S 8	23 52	28 48	4 57	23 57	1 20	22 13	1 32	23 34	5 46	24 23	0 39	19 52	1 51	20 19	0 45	19 30	1 11	25 27	2 47	2 59	2 50	28 8		n.a.
S 9	23 51	27 55	4 41	23 37	1 15	21 57	1 32	23 37	5 49	24 23	0 39	19 50	1 51	20 20	0 45	19 31	1 11	25 27	2 47	3 5	2 51	28 7		n.a.
M10	23 50	25 45	4 14	23 17	1 9	21 39	1 31	23 40	5 52	24 22	0 39	19 48	1 51	20 20	0 45	19 31	1 11	25 27	2 47	3 10	2 52	28 6		n.a.
T 11	23 48	22 29	3 35	22 55	1 3	21 22	1 30	23 44	5 55	24 21	0 39	19 46	1 51	20 21	0 45	19 31	1 11	25 27	2 47	3 14	2 53	28 5		n.a.
W12	23 46	18 16	2 47	22 31	0 57	21 3	1 29	23 47	5 58	24 21	0 39	19 45	1 51	20 21	0 45	19 32	1 11	25 27	2 47	3 16	2 55	28 4		n.a.
T 13	23 44	13 18	1 51	22 7	0 51	20 44	1 28	23 51	6 1	24 20	0 39	19 43	1 51	20 22	0 45	19 32	1 11	25 26	2 47	3 18	2 56	28 3		n.a.
F 14	23 41	7 47	0 49	21 42	0 44	20 25	1 26	23 55	6 4	24 20	0 39	19 41	1 51	20 22	0 45	19 33	1 11	25 26	2 47	3 19	2 57	28 2		n.a.
S 15	23 38	1 52	0s16	21 16	0 37	20 5	1 25	23 59	6 7	24 19	0 39	19 39	1 50	20 23	0 45	19 33	1 11	25 26	2 47	3 19	2 59	28 1		n.a.
S 16	23 34	4s17	1 22	20 50	0 29	19 44	1 24	24 3	6 10	24 18	0 39	19 37	1 50	20 23	0 45	19 33	1 11	25 26	2 47	3 19	3 0	28 0		n.a.
M17	23 30	10 25	2 26	20 22	0 22	19 23	1 22	24 8	6 12	24 18	0 40	19 35	1 50	20 24	0 45	19 34	1 11	25 26	2 47	3 19	3 1	27 59		n.a.
T 18	23 25	16 18	3 25	19 54	0 14	19 1	1 21	24 12	6 15	24 17	0 40	19 33	1 50	20 24	0 45	19 34	1 11	25 26	2 47	3 20	3 2	27 58		n.a.
W19	23 20	21 34	4 13	19 26	0 6	18 39	1 19	24 17	6 17	24 16	0 40	19 32	1 50	20 25	0 45	19 35	1 11	25 26	2 47	3 22	3 4	27 57		n.a.
T 20	23 15	25 43	4 46	18 57	0s 2	18 16	1 18	24 21	6 19	24 16	0 40	19 30	1 50	20 25	0 45	19 35	1 11	25 26	2 47	3 24	3 5	27 56		n.a.
F 21	23 9	28 16	5 2	18 27	0 10	17 53	1 16	24 26	6 22	24 15	0 40	19 28	1 50	20 26	0 46	19 35	1 11	25 26	2 47	3 28	3 6	27 55		n.a.
S 22	23 3	28 47	4 57	17 58	0 19	17 29	1 14	24 31	6 24	24 14	0 40	19 26	1 50	20 26	0 46	19 36	1 11	25 25	2 47	3 32	3 8	27 54		n.a.
S 23	22 56	27 5	4 30	17 28	0 28	17 5	1 12	24 36	6 25	24 13	0 40	19 24	1 50	20 27	0 46	19 36	1 11	25 25	2 47	3 35	3 9	27 53		n.a.
M24	22 49	23 23	3 44	16 58	0 36	16 40	1 10	24 40	6 27	24 12	0 40	19 22	1 50	20 27	0 46	19 37	1 11	25 25	2 47	3 39	3 10	27 52		n.a.
T 25	22 42	18 11	2 44	16 27	0 45	16 15	1 8	24 45	6 29	24 12	0 40	19 20	1 50	20 28	0 46	19 37	1 11	25 25	2 47	3 41	3 11	27 51		n.a.
W26	22 34	12 2	1 33	15 57	0 54	15 50	1 6	24 50	6 30	24 11	0 40	19 18	1 50	20 29	0 46	19 38	1 11	25 25	2 47	3 42	3 13	27 50		n.a.
T 27	22 26	5 27	0 19	15 27	1 3	15 24	1 4	24 55	6 31	24 10	0 41	19 16	1 50	20 29	0 46	19 38	1 11	25 25	2 47	3 43	3 14	27 48		n.a.
F 28	22 17	1n11	0n54	14 57	1 13	14 58	1 2	25 0	6 32	24 9	0 41	19 14	1 50	20 30	0 46	19 39	1 11	25 25	2 48	3 43	3 15	27 47		n.a.
S 29	22 8	7 33	2 2	14 27	1 22	14 31	1 0	25 5	6 33	24 8	0 41	19 12	1 50	20 30	0 46	19 39	1 11	25 25	2 48	3 42	3 16	27 46		n.a.
S 30	21 58	13 24	3 1	13 57	1 31	14 4	0 57	25 10	6 34	24 7	0 41	19 10	1 50	20 31	0 46	19 39	1 11	25 25	2 48	3 42	3 18	27 45		n.a.
M31	21n48	18n34	3n50	13n28	1s40	13n37	0n55	25s15	6s35	24n 6	0n41	19n 8	1n50	20s31	0s46	19s40	1s11	25s24	2s48	3s43	3s19	27n44		n.a.

Julian Day Number = 1196374.5, Delta T = 09h27m00s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'36, Lahiri = -23°47'36 Julian Calendar 1 July 1438 BCE == Greg. Calendar 18 June 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

AUGUST 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 45 3	24♋18'48	21♉53	21♌ 7	28♌ 8	6°R34	10♋58	12♌33	3°R11	8°R15	12°R 3	20°R43	21♓44	14♋55	n.a.	T 1
W 2	19 49 0	25°17'16	4♊ 0	22° 7	29°20	6♒17	11°11	12°40	3♒ 9	8♒14	12♐ 2	20♓37	21°40	15° 2	n.a.	W 2
T 3	19 52 56	26°15'47	15°58	23° 4	0♍32	6° 0	11°24	12°47	3° 6	8°12	12° 1	20°29	21°37	15° 8	n.a.	T 3
F 4	19 56 53	27°14'19	27°52	23°58	1°45	5°43	11°37	12°54	3° 4	8°10	12° 0	20°20	21°34	15°15	n.a.	F 4
S 5	20 0 49	28°12'54	9♋44	24°49	2°57	5°26	11°50	13° 1	3° 1	8° 9	11°59	20° 9	21°31	15°22	n.a.	S 5
S 6	20 4 46	29°11'32	21°35	25°37	4° 9	5° 8	12° 3	13° 8	2°59	8° 7	11°58	19°59	21°28	15°28	n.a.	S 6
M 7	20 8 43	0♌10'11	3♌28	26°22	5°21	4°50	12°16	13°16	2°57	8° 5	11°57	19°51	21°25	15°35	n.a.	M 7
T 8	20 12 39	1° 8'52	15°23	27° 2	6°34	4°32	12°28	13°23	2°54	8° 4	11°56	19°44	21°21	15°42	n.a.	T 8
W 9	20 16 36	2° 7'35	27°24	27°39	7°46	4°14	12°41	13°30	2°52	8° 2	11°56	19°39	21°18	15°49	n.a.	W 9
T 10	20 20 32	3° 6'21	9♍30	28°12	8°58	3°56	12°54	13°37	2°49	8° 1	11°55	19°36	21°15	15°55	n.a.	T 10
F 11	20 24 29	4° 5'08	21°46	28°39	10°10	3°39	13° 7	13°44	2°47	7°59	11°54	19°D36	21°12	16° 2	n.a.	F 11
S 12	20 28 25	5° 3'57	4♎15	29° 2	11°22	3°21	13°19	13°52	2°45	7°57	11°53	19°37	21° 9	16° 9	n.a.	S 12
S 13	20 32 22	6° 2'48	16°59	29°19	12°34	3° 3	13°32	13°59	2°42	7°56	11°53	19°38	21° 5	16°15	n.a.	S 13
M14	20 36 18	7° 1'41	0♏ 2	29°31	13°46	2°46	13°45	14° 6	2°40	7°54	11°52	19°39	21° 2	16°22	n.a.	M14
T 15	20 40 15	8° 0'36	13°28	29°R36	14°58	2°29	13°57	14°13	2°37	7°52	11°51	19°R39	20°59	16°29	n.a.	T 15
W16	20 44 12	8°59'33	27°19	29°35	16°10	2°12	14°10	14°21	2°35	7°51	11°51	19°38	20°56	16°36	n.a.	W16
T 17	20 48 8	9°58'31	11♐36	29°27	17°21	1°55	14°22	14°28	2°33	7°49	11°50	19°34	20°53	16°42	n.a.	T 17
F 18	20 52 5	10°57'32	26°15	29°12	18°33	1°39	14°34	14°35	2°30	7°47	11°49	19°30	20°50	16°49	n.a.	F 18
S 19	20 56 1	11°56'35	11♑13	28°49	19°45	1°23	14°47	14°42	2°28	7°46	11°49	19°24	20°46	16°56	n.a.	S 19
S 20	20 59 58	12°55'40	26°22	28°19	20°57	1° 8	14°59	14°50	2°26	7°44	11°48	19°19	20°43	17° 2	n.a.	S 20
M21	21 3 54	13°54'46	11♒31	27°41	22° 8	0°54	15°12	14°57	2°23	7°42	11°48	19°14	20°40	17° 9	n.a.	M21
T 22	21 7 51	14°53'55	26°30	26°56	23°20	0°39	15°24	15° 4	2°21	7°41	11°47	19°11	20°37	17°16	n.a.	T 22
W23	21 11 47	15°53'06	11♓12	26° 4	24°31	0°26	15°36	15°11	2°19	7°39	11°47	19° 9	20°34	17°23	n.a.	W23
T 24	21 15 44	16°52'19	25°30	25° 6	25°43	0°13	15°48	15°19	2°16	7°37	11°46	19°D 9	20°31	17°29	n.a.	T 24
F 25	21 19 40	17°51'35	9♈21	24° 2	26°54	0° 0	16° 0	15°26	2°14	7°36	11°46	19°10	20°27	17°36	n.a.	F 25
S 26	21 23 37	18°50'53	22°45	22°55	28° 5	29♑48	16°12	15°33	2°12	7°34	11°46	19°12	20°24	17°43	n.a.	S 26
S 27	21 27 34	19°50'14	5♉44	21°45	29°17	29°37	16°24	15°40	2° 9	7°32	11°45	19°13	20°21	17°49	n.a.	S 27
M28	21 31 30	20°49'37	18°20	20°35	0♎28	29°27	16°36	15°48	2° 7	7°31	11°45	19°R14	20°18	17°56	n.a.	M28
T 29	21 35 27	21°49'03	0♊39	19°26	1°39	29°17	16°48	15°55	2° 5	7°29	11°45	19°14	20°15	18° 3	n.a.	T 29
W30	21 39 23	22°48'31	12°45	18°20	2°50	29° 8	17° 0	16° 2	2° 3	7°28	11°44	19°12	20°11	18° 9	n.a.	W30
T 31	21 43 20	23♌48'02	24♊41	17♌19	4♎ 1	29♑ 0	17♋12	16♌ 9	2♒ 0	7♒26	11♐44	19♓ 9	20♓ 8	18♋16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n38	22n52	4n28	12n59	1s50	13n 9	0n52	25s19	6s35	24n 5	0n41	19n 6	1n50	20s32	0s46	19s40	1s11	25s24	2s48	3s44	3s20	27n43			n.a.
W 2	21 28	26 6	4 53	12 31	1 59	12 41	0 50	25 24	6 35	24 4	0 41	19 4	1 50	20 33	0 46	19 41	1 11	25 24	2 48	3 47	3 22	27 42			n.a.
T 3	21 16	28 9	5 4	12 3	2 8	12 13	0 47	25 28	6 35	24 3	0 41	19 2	1 50	20 33	0 46	19 41	1 11	25 24	2 48	3 50	3 23	27 41			n.a.
F 4	21 5	28 53	5 3	11 37	2 17	11 44	0 44	25 33	6 35	24 2	0 41	19 0	1 50	20 34	0 46	19 42	1 11	25 24	2 48	3 54	3 24	27 39			n.a.
S 5	20 53	28 17	4 48	11 11	2 26	11 15	0 42	25 37	6 35	24 1	0 42	18 58	1 50	20 34	0 46	19 42	1 11	25 24	2 48	3 58	3 25	27 38			n.a.
S 6	20 41	26 23	4 21	10 46	2 35	10 46	0 39	25 41	6 34	24 0	0 42	18 56	1 50	20 35	0 46	19 43	1 11	25 24	2 48	4 2	3 27	27 37			n.a.
M 7	20 28	23 19	3 42	10 23	2 44	10 16	0 36	25 45	6 33	23 59	0 42	18 54	1 50	20 35	0 46	19 43	1 11	25 24	2 48	4 5	3 28	27 36			n.a.
T 8	20 16	19 16	2 54	10 1	2 53	9 46	0 33	25 48	6 32	23 58	0 42	18 52	1 50	20 36	0 46	19 43	1 11	25 24	2 48	4 8	3 29	27 35			n.a.
W 9	20 2	14 25	1 57	9 41	3 1	9 16	0 30	25 52	6 31	23 57	0 42	18 49	1 50	20 37	0 46	19 44	1 11	25 24	2 48	4 10	3 30	27 34			n.a.
T 10	19 49	8 59	0 54	9 22	3 9	8 46	0 27	25 55	6 30	23 56	0 42	18 47	1 50	20 37	0 46	19 44	1 11	25 23	2 48	4 11	3 32	27 32			n.a.
F 11	19 35	3 8	0s12	9 5	3 16	8 16	0 24	25 58	6 28	23 54	0 42	18 45	1 50	20 38	0 46	19 45	1 11	25 23	2 48	4 11	3 33	27 31			n.a.
S 12	19 20	2s55	1 19	8 51	3 23	7 45	0 21	26 1	6 27	23 53	0 42	18 43	1 50	20 38	0 46	19 45	1 11	25 23	2 48	4 11	3 34	27 30			n.a.
S 13	19 6	8 59	2 23	8 39	3 30	7 14	0 18	26 3	6 25	23 52	0 43	18 41	1 50	20 39	0 46	19 46	1 12	25 23	2 48	4 11	3 36	27 29			n.a.
M14	18 51	14 49	3 21	8 29	3 35	6 43	0 15	26 5	6 23	23 51	0 43	18 39	1 50	20 39	0 46	19 46	1 12	25 23	2 48	4 10	3 37	27 28			n.a.
T 15	18 35	20 8	4 11	8 23	3 40	6 12	0 11	26 7	6 21	23 50	0 43	18 37	1 50	20 40	0 46	19 47	1 12	25 23	2 48	4 10	3 38	27 26			n.a.
W16	18 20	24 34	4 47	8 19	3 45	5 41	0 8	26 9	6 18	23 49	0 43	18 35	1 50	20 40	0 46	19 47	1 12	25 23	2 48	4 11	3 39	27 25			n.a.
T 17	18 4	27 39	5 7	8 19	3 48	5 9	0 5	26 11	6 16	23 47	0 43	18 33	1 50	20 41	0 46	19 47	1 12	25 23	2 48	4 12	3 41	27 24			n.a.
F 18	17 47	28 57	5 8	8 23	3 49	4 38	0 1	26 12	6 13	23 46	0 43	18 30	1 50	20 42	0 46	19 48	1 12	25 23	2 48	4 14	3 42	27 23			n.a.
S 19	17 31	28 10	4 48	8 30	3 50	4 6	0s 2	26 13	6 10	23 45	0 43	18 28	1 51	20 42	0 46	19 48	1 12	25 23	2 48	4 16	3 43	27 21			n.a.
S 20	17 14	25 19	4 8	8 42	3 49	3 34	0 5	26 13	6 7	23 44	0 43	18 26	1 51	20 43	0 46	19 49	1 12	25 23	2 48	4 18	3 44	27 20			n.a.
M21	16 57	20 41	3 11	8 57	3 47	3 2	0 9	26 14	6 4	23 42	0 44	18 24	1 51	20 43	0 46	19 49	1 12	25 23	2 48	4 20	3 46	27 19			n.a.
T 22	16 39	14 47	2 0	9 17	3 42	2 30	0 12	26 14	6 1	23 41	0 44	18 22	1 51	20 44	0 46	19 50	1 12	25 23	2 48	4 21	3 47	27 17			n.a.
W23	16 21	8 9	0 43	9 40	3 36	1 58	0 16	26 13	5 57	23 40	0 44	18 20	1 51	20 44	0 46	19 50	1 12	25 23	2 48	4 22	3 48	27 16			n.a.
T 24	16 3	1 17	0n35	10 8	3 28	1 26	0 20	26 13	5 54	23 38	0 44	18 18	1 51	20 45	0 46	19 51	1 12	25 23	2 48	4 22	3 50	27 15			n.a.
F 25	15 45	5n26	1 48	10 39	3 17	0 54	0 23	26 12	5 50	23 37	0 44	18 15	1 51	20 45	0 46	19 51	1 12	25 22	2 48	4 22	3 51	27 13			n.a.
S 26	15 26	11 41	2 54	11 13	3 5	0 22	0 27	26 11	5 47	23 36	0 44	18 13	1 51	20 46	0 46	19 51	1 12	25 22	2 48	4 21	3 52	27 12			n.a.
S 27	15 8	17 14	3 48	11 49	2 51	0s10	0 30	26 10	5 43	23 34	0 44	18 11	1 51	20 46	0 46	19 52	1 12	25 22	2 48	4 20	3 53	27 11			n.a.
M28	14 48	21 54	4 29	12 27	2 35	0 42	0 34	26 9	5 39	23 33	0 45	18 9	1 51	20 47	0 46	19 52	1 12	25 22	2 48	4 20	3 55	27 9			n.a.
T 29	14 29	25 29	4 57	13 5	2 17	1 15	0 38	26 7	5 35	23 32	0 45	18 7	1 51	20 47	0 46	19 53	1 12	25 22	2 48	4 20	3 56	27 8			n.a.
W30	14 9	27 53	5 12	13 44	1 59	1 47	0 41	26 5	5 31	23 30	0 45	18 5	1 51	20 48	0 46	19 53	1 12	25 22	2 48	4 21	3 57	27 7			n.a.
T 31	13n50	28n57	5n12	14n21	1s39	2s19	0s45	26s 3	5s27	23n29	0n45	18n 3	1n51	20s48	0s46	19s54	1s12	25s22	2s48	4s22	3s58	27n 5			n.a.

Julian Day Number = 1196405.5, Delta T = 09h26m58s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'32, Lahiri = -23°47'31 Julian Calendar 1 Aug. 1438 BCE == Greg. Calendar 19 July 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

SEPTEMBER 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 47 16	24♌47'35	6♋33	16°R25	5♎12	28°R52	17♋23	16♌17	1°R58	7°R24	11°R44	19°R 6	20♓ 5	18♋23	n.a.	F 1
S 2	21 51 13	25°47'10	18°24	15♌39	6°23	28♏46	17°35	16°24	1♒56	7♒23	11♐44	19♓ 2	20° 2	18°30	n.a.	S 2
S 3	21 55 9	26°46'48	0♌17	15° 3	7°34	28°40	17°47	16°31	1°54	7°21	11°44	18°58	19°59	18°36	n.a.	S 3
M 4	21 59 6	27°46'28	12°14	14°37	8°45	28°34	17°58	16°38	1°52	7°20	11°44	18°54	19°56	18°43	n.a.	M 4
T 5	22 3 3	28°46'10	24°17	14°22	9°56	28°30	18° 9	16°45	1°50	7°18	11°43	18°52	19°52	18°50	n.a.	T 5
W 6	22 6 59	29°45'54	6♍28	14°D18	11° 7	28°26	18°21	16°53	1°48	7°17	11°43	18°50	19°49	18°56	n.a.	W 6
T 7	22 10 56	0♍45'41	18°49	14°25	12°17	28°24	18°32	17° 0	1°46	7°15	11°43	18°D50	19°46	19° 3	n.a.	T 7
F 8	22 14 52	1°45'29	1♎20	14°42	13°28	28°22	18°43	17° 7	1°44	7°14	11°D43	18°50	19°43	19°10	n.a.	F 8
S 9	22 18 49	2°45'19	14° 3	15°10	14°38	28°20	18°54	17°14	1°42	7°12	11°43	18°51	19°40	19°17	n.a.	S 9
S 10	22 22 45	3°45'12	27° 0	15°47	15°49	28°D20	19° 6	17°21	1°40	7°11	11°43	18°52	19°37	19°23	n.a.	S 10
M11	22 26 42	4°45'06	10♏12	16°33	16°59	28°21	19°17	17°28	1°38	7° 9	11°44	18°54	19°33	19°30	n.a.	M11
T 12	22 30 38	5°45'02	23°41	17°27	18° 9	28°22	19°27	17°35	1°36	7° 8	11°44	18°54	19°30	19°37	n.a.	T 12
W13	22 34 35	6°45'00	7♐28	18°28	19°19	28°24	19°38	17°42	1°34	7° 7	11°44	18°R55	19°27	19°43	n.a.	W13
T 14	22 38 31	7°45'00	21°32	19°35	20°30	28°27	19°49	17°49	1°32	7° 5	11°44	18°54	19°24	19°50	n.a.	T 14
F 15	22 42 28	8°45'02	5♑53	20°47	21°40	28°30	20° 0	17°56	1°31	7° 4	11°44	18°54	19°21	19°57	n.a.	F 15
S 16	22 46 25	9°45'05	20°28	22° 5	22°49	28°35	20°10	18° 3	1°29	7° 2	11°44	18°52	19°17	20° 3	n.a.	S 16
S 17	22 50 21	10°45'10	5♒12	23°26	23°59	28°40	20°21	18°10	1°27	7° 1	11°45	18°51	19°14	20°10	n.a.	S 17
M18	22 54 18	11°45'17	19°58	24°50	25° 9	28°46	20°31	18°17	1°26	7° 0	11°45	18°51	19°11	20°17	n.a.	M18
T 19	22 58 14	12°45'26	4♓40	26°18	26°19	28°53	20°41	18°24	1°24	6°59	11°45	18°50	19° 8	20°24	n.a.	T 19
W20	23 2 11	13°45'36	19°10	27°48	27°28	29° 0	20°52	18°31	1°22	6°57	11°46	18°D50	19° 5	20°30	n.a.	W20
T 21	23 6 7	14°45'49	3♈23	29°20	28°38	29° 8	21° 2	18°37	1°21	6°56	11°46	18°50	19° 2	20°37	n.a.	T 21
F 22	23 10 4	15°46'03	17°14	0♍53	29°47	29°17	21°12	18°44	1°19	6°55	11°46	18°50	18°58	20°44	n.a.	F 22
S 23	23 14 0	16°46'20	0♉41	2°28	0♏56	29°26	21°22	18°51	1°18	6°54	11°47	18°51	18°55	20°50	n.a.	S 23
S 24	23 17 57	17°46'39	13°45	4° 4	2° 5	29°36	21°31	18°58	1°16	6°52	11°47	18°51	18°52	20°57	n.a.	S 24
M25	23 21 53	18°47'00	26°27	5°40	3°14	29°47	21°41	19° 4	1°15	6°51	11°48	18°R51	18°49	21° 4	n.a.	M25
T 26	23 25 50	19°47'23	8♊49	7°17	4°23	29°59	21°51	19°11	1°14	6°50	11°48	18°51	18°46	21°11	n.a.	T 26
W27	23 29 47	20°47'48	20°57	8°55	5°32	0♒11	22° 0	19°17	1°12	6°49	11°49	18°D51	18°43	21°17	n.a.	W27
T 28	23 33 43	21°48'16	2♋55	10°32	6°40	0°23	22°10	19°24	1°11	6°48	11°49	18°51	18°39	21°24	n.a.	T 28
F 29	23 37 40	22°48'45	14°47	12°10	7°49	0°37	22°19	19°30	1°10	6°47	11°50	18°51	18°36	21°31	n.a.	F 29
S 30	23 41 36	23♍49'17	26♋38	13♍48	8♏57	0♒51	22♋28	19♌37	1♒ 8	6♒46	11♐51	18♓52	18♓33	21♋37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n29	28n41	4n59	14n57	1s19	2s51	0s49	26s 0	5s23	23n28	0n45	18n 0	1n51	20s49	0s46	19s54	1s12	25s22	2s48	4s23	4s 0	27n 4		n.a.
S 2	13 9	27 5	4 34	15 30	0 59	3 23	0 53	25 58	5 19	23 26	0 45	17 58	1 51	20 49	0 46	19 54	1 12	25 22	2 48	4 25	4 1	27 3		n.a.
S 3	12 48	24 17	3 56	15 59	0 39	3 55	0 56	25 55	5 14	23 25	0 46	17 56	1 51	20 50	0 46	19 55	1 12	25 22	2 48	4 27	4 2	27 1		n.a.
M 4	12 28	20 26	3 8	16 26	0 20	4 27	1 0	25 52	5 10	23 23	0 46	17 54	1 52	20 50	0 46	19 55	1 12	25 22	2 48	4 28	4 3	27 0		n.a.
T 5	12 7	15 43	2 11	16 48	0 1	4 59	1 4	25 49	5 6	23 22	0 46	17 52	1 52	20 51	0 46	19 56	1 12	25 22	2 48	4 29	4 5	26 59		n.a.
W 6	11 45	10 20	1 8	17 6	0n16	5 30	1 8	25 45	5 1	23 21	0 46	17 50	1 52	20 51	0 46	19 56	1 12	25 22	2 48	4 30	4 6	26 57		n.a.
T 7	11 24	4 30	0 0	17 19	0 33	6 2	1 11	25 41	4 57	23 19	0 46	17 48	1 52	20 52	0 46	19 56	1 12	25 22	2 48	4 30	4 7	26 56		n.a.
F 8	11 2	1s35	1s 9	17 28	0 47	6 33	1 15	25 38	4 53	23 18	0 46	17 45	1 52	20 52	0 45	19 57	1 12	25 22	2 48	4 30	4 9	26 54		n.a.
S 9	10 40	7 42	2 15	17 33	1 1	7 5	1 19	25 34	4 48	23 16	0 47	17 43	1 52	20 52	0 45	19 57	1 12	25 22	2 48	4 29	4 10	26 53		n.a.
S 10	10 18	13 37	3 16	17 33	1 13	7 36	1 23	25 29	4 44	23 15	0 47	17 41	1 52	20 53	0 45	19 57	1 12	25 22	2 48	4 29	4 11	26 51		n.a.
M11	9 56	19 2	4 7	17 29	1 24	8 7	1 26	25 25	4 39	23 14	0 47	17 39	1 52	20 53	0 45	19 58	1 12	25 22	2 48	4 28	4 12	26 50		n.a.
T 12	9 34	23 39	4 47	17 21	1 33	8 38	1 30	25 20	4 35	23 12	0 47	17 37	1 52	20 54	0 45	19 58	1 12	25 22	2 48	4 28	4 14	26 48		n.a.
W13	9 11	27 2	5 10	17 9	1 41	9 8	1 34	25 16	4 31	23 11	0 47	17 35	1 52	20 54	0 45	19 59	1 12	25 22	2 48	4 28	4 15	26 47		n.a.
T 14	8 49	28 51	5 16	16 54	1 47	9 39	1 37	25 11	4 26	23 9	0 48	17 33	1 53	20 54	0 45	19 59	1 12	25 22	2 48	4 28	4 16	26 46		n.a.
F 15	8 26	28 46	5 3	16 36	1 53	10 9	1 41	25 6	4 22	23 8	0 48	17 31	1 53	20 55	0 45	19 59	1 12	25 22	2 48	4 28	4 17	26 44		n.a.
S 16	8 3	26 43	4 30	16 14	1 57	10 39	1 45	25 1	4 18	23 7	0 48	17 29	1 53	20 55	0 45	20 0	1 11	25 22	2 48	4 29	4 19	26 43		n.a.
S 17	7 40	22 50	3 39	15 50	2 0	11 8	1 48	24 55	4 13	23 5	0 48	17 27	1 53	20 56	0 45	20 0	1 11	25 22	2 48	4 29	4 20	26 41		n.a.
M18	7 17	17 30	2 33	15 23	2 2	11 38	1 52	24 50	4 9	23 4	0 48	17 24	1 53	20 56	0 45	20 0	1 11	25 22	2 48	4 29	4 21	26 40		n.a.
T 19	6 53	11 10	1 18	14 54	2 3	12 7	1 55	24 44	4 5	23 2	0 48	17 22	1 53	20 56	0 45	20 1	1 11	25 23	2 48	4 30	4 23	26 38		n.a.
W20	6 30	4 20	0n 2	14 23	2 4	12 36	1 59	24 38	4 0	23 1	0 49	17 20	1 53	20 57	0 45	20 1	1 11	25 23	2 48	4 30	4 24	26 37		n.a.
T 21	6 6	2n35	1 20	13 50	2 3	13 5	2 2	24 33	3 56	23 0	0 49	17 18	1 53	20 57	0 45	20 1	1 11	25 23	2 48	4 30	4 25	26 35		n.a.
F 22	5 43	9 12	2 31	13 15	2 2	13 33	2 6	24 27	3 52	22 58	0 49	17 16	1 54	20 57	0 45	20 1	1 11	25 23	2 48	4 30	4 26	26 34		n.a.
S 23	5 19	15 13	3 32	12 39	2 0	14 1	2 9	24 20	3 48	22 57	0 49	17 14	1 54	20 58	0 45	20 2	1 11	25 23	2 48	4 29	4 28	26 32		n.a.
S 24	4 55	20 22	4 20	12 1	1 58	14 29	2 12	24 14	3 44	22 55	0 49	17 12	1 54	20 58	0 45	20 2	1 11	25 23	2 48	4 29	4 29	26 30		n.a.
M25	4 31	24 27	4 53	11 23	1 55	14 56	2 16	24 8	3 40	22 54	0 50	17 10	1 54	20 58	0 45	20 2	1 11	25 23	2 48	4 29	4 30	26 29		n.a.
T 26	4 7	27 18	5 12	10 43	1 52	15 23	2 19	24 1	3 36	22 53	0 50	17 8	1 54	20 58	0 45	20 3	1 11	25 23	2 48	4 29	4 31	26 27		n.a.
W27	3 43	28 49	5 17	10 2	1 48	15 50	2 22	23 55	3 32	22 51	0 50	17 6	1 54	20 59	0 45	20 3	1 11	25 23	2 48	4 29	4 33	26 26		n.a.
T 28	3 18	28 58	5 8	9 21	1 44	16 16	2 25	23 48	3 28	22 50	0 50	17 4	1 54	20 59	0 45	20 3	1 11	25 23	2 48	4 29	4 34	26 24		n.a.
F 29	2 54	27 45	4 45	8 39	1 40	16 42	2 28	23 41	3 24	22 49	0 50	17 2	1 55	20 59	0 45	20 3	1 11	25 23	2 48	4 29	4 35	26 23		n.a.
S 30	2n30	25n18	4n11	7n56	1n35	17s 7	2s31	23s34	3s20	22n47	0n51	17n 1	1n55	21s 0	0s45	20s 4	1s11	25s23	2s48	4s29	4s36	26n21		n.a.

Julian Day Number = 1196436.5, Delta T = 09h26m56s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'28, Lahiri = -23°47'27 Julian Calendar 1 Sept. 1438 BCE == Greg. Calendar 19 Aug. 1438 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

OCTOBER 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 45 33	24♍49'50	8♌32	15♍26	10♏ 5	1♒ 5	22♋37	19♌43	1°R 7	6°R45	11♐51	18♓52	18♓30	21♋44	n.a.	S 1
M 2	23 49 29	25°50'25	20°33	17° 4	11°14	1°20	22°46	19°50	1♒ 6	6♒44	11°52	18°53	18°27	21°51	n.a.	M 2
T 3	23 53 26	26°51'02	2♍44	18°42	12°22	1°36	22°55	19°56	1° 5	6°43	11°53	18°54	18°23	21°57	n.a.	T 3
W 4	23 57 22	27°51'41	15° 8	20°19	13°29	1°52	23° 4	20° 2	1° 4	6°42	11°54	18°R54	18°20	22° 4	n.a.	W 4
T 5	0 1 19	28°52'22	27°45	21°57	14°37	2° 9	23°12	20° 8	1° 3	6°41	11°54	18°54	18°17	22°11	n.a.	T 5
F 6	0 5 16	29°53'04	10♎37	23°34	15°45	2°26	23°21	20°15	1° 2	6°40	11°55	18°53	18°14	22°18	n.a.	F 6
S 7	0 9 12	0♎53'48	23°44	25°11	16°52	2°44	23°29	20°21	1° 1	6°40	11°56	18°52	18°11	22°24	n.a.	S 7
S 8	0 13 9	1°54'33	7♏ 4	26°48	17°59	3° 2	23°37	20°27	1° 1	6°39	11°57	18°50	18° 8	22°31	n.a.	S 8
M 9	0 17 5	2°55'20	20°37	28°24	19° 6	3°21	23°45	20°33	1° 0	6°38	11°58	18°48	18° 4	22°38	n.a.	M 9
T 10	0 21 2	3°56'08	4♐21	0♎ 0	20°13	3°41	23°53	20°39	0°59	6°37	11°59	18°46	18° 1	22°44	n.a.	T 10
W11	0 24 58	4°56'57	18°16	1°36	21°20	4° 0	24° 1	20°45	0°58	6°37	12° 0	18°45	17°58	22°51	n.a.	W11
T 12	0 28 55	5°57'47	2♑18	3°12	22°26	4°21	24° 9	20°50	0°58	6°36	12° 1	18°D44	17°55	22°58	n.a.	T 12
F 13	0 32 51	6°58'39	16°28	4°48	23°32	4°41	24°16	20°56	0°57	6°35	12° 2	18°45	17°52	23° 4	n.a.	F 13
S 14	0 36 48	7°59'31	0♒43	6°23	24°38	5° 3	24°24	21° 2	0°57	6°35	12° 3	18°46	17°48	23°11	n.a.	S 14
S 15	0 40 45	9° 0'25	15° 0	7°58	25°44	5°24	24°31	21° 8	0°56	6°34	12° 4	18°47	17°45	23°18	n.a.	S 15
M16	0 44 41	10° 1'20	29°17	9°33	26°50	5°46	24°38	21°13	0°56	6°33	12° 5	18°48	17°42	23°25	n.a.	M16
T 17	0 48 38	11° 2'15	13♓30	11° 8	27°55	6° 9	24°45	21°19	0°55	6°33	12° 6	18°R49	17°39	23°31	n.a.	T 17
W18	0 52 34	12° 3'12	27°36	12°43	29° 0	6°32	24°52	21°24	0°55	6°32	12° 7	18°49	17°36	23°38	n.a.	W18
T 19	0 56 31	13° 4'10	11♈29	14°17	0♐ 5	6°55	24°59	21°30	0°55	6°32	12° 8	18°47	17°33	23°45	n.a.	T 19
F 20	1 0 27	14° 5'09	25° 8	15°51	1°10	7°18	25° 5	21°35	0°54	6°32	12° 9	18°45	17°29	23°51	n.a.	F 20
S 21	1 4 24	15° 6'09	8♉29	17°26	2°14	7°42	25°12	21°40	0°54	6°31	12°10	18°41	17°26	23°58	n.a.	S 21
S 22	1 8 20	16° 7'11	21°30	19° 0	3°18	8° 7	25°18	21°46	0°54	6°31	12°12	18°36	17°23	24° 5	n.a.	S 22
M23	1 12 17	17° 8'14	4♊13	20°34	4°22	8°31	25°24	21°51	0°54	6°31	12°13	18°32	17°20	24°11	n.a.	M23
T 24	1 16 14	18° 9'18	16°37	22° 8	5°25	8°56	25°30	21°56	0°D54	6°30	12°14	18°27	17°17	24°18	n.a.	T 24
W25	1 20 10	19°10'24	28°47	23°42	6°28	9°22	25°36	22° 1	0°54	6°30	12°15	18°24	17°14	24°25	n.a.	W25
T 26	1 24 7	20°11'30	10♋46	25°16	7°31	9°47	25°41	22° 6	0°54	6°30	12°17	18°22	17°10	24°31	n.a.	T 26
F 27	1 28 3	21°12'38	22°38	26°50	8°34	10°13	25°47	22°11	0°54	6°30	12°18	18°D21	17° 7	24°38	n.a.	F 27
S 28	1 32 0	22°13'47	4♌28	28°24	9°36	10°39	25°52	22°15	0°54	6°30	12°19	18°22	17° 4	24°45	n.a.	S 28
S 29	1 35 56	23°14'57	16°22	29°58	10°38	11° 6	25°57	22°20	0°55	6°29	12°21	18°24	17° 1	24°52	n.a.	S 29
M30	1 39 53	24°16'09	28°25	1♏32	11°39	11°33	26° 2	22°25	0°55	6°29	12°22	18°26	16°58	24°58	n.a.	M30
T 31	1 43 49	25♎17'21	10♍40	3♏ 7	12♐40	12♒ 0	26♋ 7	22♌29	0♒55	6♒29	12♐24	18♓27	16♓54	25♋ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	2n 5	21n45	3n26	7n13	1n30	17s32	2s34	23s27	3s16	22n46	0n51	16n59	1n55	21s 0	0s45	20s 4	1s11	25s23	2s48	4s29	4s38	26n20			n.a.
M 2	1 41	17 16	2 31	6 30	1 25	17 57	2 37	23 20	3 12	22 45	0 51	16 57	1 55	21 0	0 45	20 4	1 11	25 24	2 48	4 28	4 39	26 18			n.a.
T 3	1 16	12 3	1 28	5 46	1 19	18 21	2 40	23 13	3 8	22 43	0 51	16 55	1 55	21 0	0 45	20 4	1 11	25 24	2 48	4 28	4 40	26 16			n.a.
W 4	0 52	6 17	0 21	5 2	1 14	18 45	2 42	23 6	3 5	22 42	0 52	16 53	1 55	21 0	0 45	20 5	1 11	25 24	2 48	4 28	4 41	26 15			n.a.
T 5	0 27	0 10	0s49	4 17	1 8	19 8	2 45	22 58	3 1	22 41	0 52	16 51	1 56	21 1	0 45	20 5	1 11	25 24	2 48	4 28	4 43	26 13			n.a.
F 6	0 3	6s 4	1 57	3 33	1 2	19 31	2 48	22 51	2 58	22 40	0 52	16 49	1 56	21 1	0 45	20 5	1 11	25 24	2 48	4 28	4 44	26 11			n.a.
S 7	0s22	12 10	3 1	2 48	0 56	19 53	2 50	22 43	2 54	22 38	0 52	16 47	1 56	21 1	0 45	20 5	1 11	25 24	2 48	4 29	4 45	26 10			n.a.
S 8	0 46	17 49	3 56	2 3	0 50	20 15	2 52	22 35	2 50	22 37	0 52	16 46	1 56	21 1	0 45	20 5	1 11	25 24	2 48	4 30	4 47	26 8			n.a.
M 9	1 11	22 41	4 38	1 19	0 43	20 36	2 55	22 27	2 47	22 36	0 53	16 44	1 56	21 1	0 45	20 5	1 11	25 24	2 48	4 30	4 48	26 7			n.a.
T 10	1 35	26 24	5 6	0 34	0 37	20 57	2 57	22 19	2 44	22 35	0 53	16 42	1 56	21 1	0 45	20 6	1 11	25 24	2 48	4 31	4 49	26 5			n.a.
W11	2 0	28 35	5 16	0s11	0 31	21 17	2 59	22 11	2 40	22 34	0 53	16 40	1 57	21 1	0 45	20 6	1 11	25 25	2 48	4 32	4 50	26 3			n.a.
T 12	2 25	28 58	5 7	0 56	0 24	21 37	3 1	22 3	2 37	22 33	0 53	16 39	1 57	21 2	0 45	20 6	1 11	25 25	2 48	4 32	4 52	26 2			n.a.
F 13	2 49	27 27	4 40	1 40	0 18	21 56	3 3	21 55	2 34	22 31	0 54	16 37	1 57	21 2	0 45	20 6	1 11	25 25	2 48	4 32	4 53	26 0			n.a.
S 14	3 14	24 10	3 55	2 24	0 11	22 15	3 5	21 46	2 30	22 30	0 54	16 35	1 57	21 2	0 45	20 6	1 11	25 25	2 48	4 31	4 54	25 58			n.a.
S 15	3 38	19 25	2 56	3 9	0 5	22 33	3 6	21 38	2 27	22 29	0 54	16 33	1 57	21 2	0 45	20 6	1 11	25 25	2 48	4 31	4 55	25 56			n.a.
M16	4 2	13 34	1 46	3 53	0s 2	22 50	3 8	21 29	2 24	22 28	0 54	16 32	1 57	21 2	0 44	20 6	1 11	25 25	2 48	4 30	4 57	25 55			n.a.
T 17	4 27	7 3	0 29	4 36	0 8	23 7	3 9	21 20	2 21	22 27	0 55	16 30	1 58	21 2	0 44	20 7	1 11	25 26	2 48	4 30	4 58	25 53			n.a.
W18	4 51	0 14	0n48	5 20	0 15	23 23	3 11	21 12	2 18	22 26	0 55	16 29	1 58	21 2	0 44	20 7	1 11	25 26	2 48	4 30	4 59	25 51			n.a.
T 19	5 15	6n29	2 1	6 3	0 21	23 39	3 12	21 3	2 15	22 25	0 55	16 27	1 58	21 2	0 44	20 7	1 11	25 26	2 48	4 31	5 0	25 50			n.a.
F 20	5 39	12 47	3 6	6 46	0 28	23 54	3 13	20 54	2 12	22 24	0 55	16 25	1 58	21 2	0 44	20 7	1 11	25 26	2 48	4 32	5 2	25 48			n.a.
S 21	6 3	18 21	3 59	7 29	0 34	24 9	3 14	20 44	2 9	22 23	0 56	16 24	1 58	21 2	0 44	20 7	1 11	25 26	2 49	4 33	5 3	25 46			n.a.
S 22	6 27	22 56	4 39	8 11	0 40	24 22	3 15	20 35	2 6	22 22	0 56	16 22	1 59	21 2	0 44	20 7	1 11	25 26	2 49	4 35	5 4	25 44			n.a.
M23	6 51	26 19	5 3	8 53	0 46	24 36	3 16	20 26	2 3	22 21	0 56	16 21	1 59	21 2	0 44	20 7	1 11	25 27	2 49	4 37	5 5	25 43			n.a.
T 24	7 15	28 22	5 13	9 34	0 52	24 48	3 16	20 16	2 0	22 21	0 56	16 19	1 59	21 2	0 44	20 7	1 11	25 27	2 49	4 39	5 7	25 41			n.a.
W25	7 38	28 59	5 8	10 16	0 58	25 0	3 17	20 7	1 57	22 20	0 57	16 18	1 59	21 2	0 44	20 7	1 11	25 27	2 49	4 40	5 8	25 39			n.a.
T 26	8 2	28 14	4 49	10 56	1 4	25 11	3 17	19 57	1 55	22 19	0 57	16 16	2 0	21 2	0 44	20 7	1 11	25 27	2 49	4 41	5 9	25 37			n.a.
F 27	8 25	26 11	4 19	11 36	1 10	25 22	3 17	19 47	1 52	22 18	0 57	16 15	2 0	21 2	0 44	20 7	1 11	25 27	2 49	4 41	5 10	25 36			n.a.
S 28	8 48	23 0	3 37	12 16	1 15	25 32	3 17	19 38	1 49	22 17	0 57	16 14	2 0	21 2	0 44	20 7	1 11	25 28	2 49	4 41	5 12	25 34			n.a.
S 29	9 11	18 51	2 46	12 55	1 21	25 41	3 17	19 28	1 47	22 17	0 58	16 12	2 0	21 2	0 44	20 7	1 11	25 28	2 49	4 40	5 13	25 32			n.a.
M30	9 34	13 54	1 47	13 33	1 26	25 49	3 16	19 18	1 44	22 16	0 58	16 11	2 0	21 2	0 44	20 7	1 10	25 28	2 49	4 39	5 14	25 30			n.a.
T 31	9s57	8n21	0n42	14s11	1s31	25s57	3s16	19s 7	1s42	22n15	0n58	16n10	2n 1	21s 1	0s44	20s 7	1s10	25s28	2s49	4s39	5s16	25n28			n.a.

Julian Day Number = 1196466.5, Delta T = 09h26m54s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'24, Lahiri = -23°47'23 Julian Calendar 1 Oct. 1438 BCE == Greg. Calendar 18 Sept. 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

NOVEMBER 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 47 46	26♎18'34	23♍12	4♏41	13♐41	12♒27	26♋12	22♌34	0♒56	6°D29	12♐25	18°R27	16♓51	25♋12	n.a.	W 1
T 2	1 51 43	27°19'48	6♎ 3	6°15	14°41	12°55	26°16	22°38	0°56	6♒29	12°27	18♓26	16°48	25°18	n.a.	T 2
F 3	1 55 39	28°21'02	19°15	7°49	15°41	13°23	26°21	22°42	0°57	6°29	12°28	18°22	16°45	25°25	n.a.	F 3
S 4	1 59 36	29°22'18	2♏46	9°23	16°41	13°51	26°25	22°47	0°57	6°29	12°29	18°17	16°42	25°32	n.a.	S 4
S 5	2 3 32	0♏23'34	16°34	10°57	17°40	14°20	26°29	22°51	0°58	6°30	12°31	18°10	16°39	25°38	n.a.	S 5
M 6	2 7 29	1°24'51	0♐36	12°31	18°38	14°48	26°33	22°55	0°58	6°30	12°33	18° 2	16°35	25°45	n.a.	M 6
T 7	2 11 25	2°26'08	14°47	14° 5	19°36	15°17	26°36	22°59	0°59	6°30	12°34	17°55	16°32	25°52	n.a.	T 7
W 8	2 15 22	3°27'25	29° 3	15°39	20°34	15°47	26°40	23° 3	1° 0	6°30	12°36	17°49	16°29	25°58	n.a.	W 8
T 9	2 19 19	4°28'43	13♑18	17°13	21°31	16°16	26°43	23° 6	1° 1	6°31	12°37	17°45	16°26	26° 5	n.a.	T 9
F 10	2 23 15	5°30'00	27°30	18°47	22°27	16°46	26°46	23°10	1° 1	6°31	12°39	17°43	16°23	26°12	n.a.	F 10
S 11	2 27 12	6°31'18	11♒37	20°20	23°23	17°15	26°49	23°14	1° 2	6°31	12°41	17°D43	16°20	26°19	n.a.	S 11
S 12	2 31 8	7°32'35	25°38	21°53	24°18	17°46	26°51	23°17	1° 3	6°32	12°42	17°44	16°16	26°25	n.a.	S 12
M13	2 35 5	8°33'53	9♓31	23°25	25°13	18°16	26°54	23°21	1° 4	6°32	12°44	17°45	16°13	26°32	n.a.	M13
T 14	2 39 1	9°35'10	23°17	24°57	26° 7	18°46	26°56	23°24	1° 5	6°32	12°45	17°R45	16°10	26°39	n.a.	T 14
W15	2 42 58	10°36'28	6♈54	26°29	27° 0	19°17	26°58	23°27	1° 6	6°33	12°47	17°43	16° 7	26°45	n.a.	W15
T 16	2 46 54	11°37'45	20°22	27°59	27°53	19°48	27° 0	23°31	1° 8	6°33	12°49	17°39	16° 4	26°52	n.a.	T 16
F 17	2 50 51	12°39'02	3♉38	29°28	28°45	20°19	27° 2	23°34	1° 9	6°34	12°51	17°32	16° 0	26°59	n.a.	F 17
S 18	2 54 48	13°40'20	16°42	0♐56	29°36	20°50	27° 4	23°37	1°10	6°35	12°52	17°23	15°57	27° 5	n.a.	S 18
S 19	2 58 44	14°41'37	29°32	2°23	0♑26	21°21	27° 5	23°40	1°11	6°35	12°54	17°12	15°54	27°12	n.a.	S 19
M20	3 2 41	15°42'55	12♊ 7	3°47	1°16	21°53	27° 6	23°42	1°13	6°36	12°56	17° 1	15°51	27°19	n.a.	M20
T 21	3 6 37	16°44'13	24°28	5°10	2° 4	22°25	27° 7	23°45	1°14	6°37	12°58	16°50	15°48	27°25	n.a.	T 21
W22	3 10 34	17°45'30	6♋37	6°29	2°52	22°56	27° 8	23°48	1°15	6°37	12°59	16°41	15°45	27°32	n.a.	W22
T 23	3 14 30	18°46'48	18°34	7°45	3°39	23°28	27° 9	23°50	1°17	6°38	13° 1	16°33	15°41	27°39	n.a.	T 23
F 24	3 18 27	19°48'06	0♌26	8°58	4°25	24° 0	27° 9	23°52	1°19	6°39	13° 3	16°29	15°38	27°46	n.a.	F 24
S 25	3 22 24	20°49'24	12°15	10° 6	5° 9	24°33	27° 9	23°55	1°20	6°40	13° 5	16°27	15°35	27°52	n.a.	S 25
S 26	3 26 20	21°50'42	24° 7	11° 9	5°53	25° 5	27°R 9	23°57	1°22	6°41	13° 7	16°D26	15°32	27°59	n.a.	S 26
M27	3 30 17	22°52'00	6♍ 7	12° 6	6°36	25°38	27° 9	23°59	1°23	6°41	13° 8	16°27	15°29	28° 6	n.a.	M27
T 28	3 34 13	23°53'17	18°22	12°57	7°18	26°10	27° 9	24° 1	1°25	6°42	13°10	16°R27	15°25	28°12	n.a.	T 28
W29	3 38 10	24°54'35	0♎55	13°40	7°58	26°43	27° 8	24° 3	1°27	6°43	13°12	16°26	15°22	28°19	n.a.	W29
T 30	3 42 6	25♏55'52	13♎51	14♐14	8♑37	27♒16	27♋ 7	24♌ 5	1♒29	6♒44	13♐14	16♓23	15♓19	28♋26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s20	2n21	0s26	14s48	1s36	26s 5	3s15	18s57	1s39	22n15	0n59	16n 8	2n 1	21s 1	0s44	20s 7	1s10	25s28	2s49	4s39	5s17	25n27		n.a.
T 2	10 42	3s53	1 34	15 25	1 40	26 11	3 14	18 47	1 37	22 14	0 59	16 7	2 1	21 1	0 44	20 7	1 10	25 29	2 49	4 39	5 18	25 25		n.a.
F 3	11 5	10 7	2 39	16 0	1 45	26 17	3 13	18 36	1 34	22 14	0 59	16 6	2 1	21 1	0 44	20 7	1 10	25 29	2 49	4 41	5 19	25 23		n.a.
S 4	11 27	16 2	3 37	16 35	1 49	26 22	3 12	18 26	1 32	22 13	0 59	16 5	2 2	21 1	0 44	20 7	1 10	25 29	2 49	4 43	5 21	25 21		n.a.
S 5	11 49	21 17	4 23	17 9	1 53	26 27	3 11	18 15	1 29	22 13	1 0	16 4	2 2	21 1	0 44	20 7	1 10	25 29	2 49	4 46	5 22	25 19		n.a.
M 6	12 10	25 26	4 54	17 43	1 56	26 31	3 9	18 4	1 27	22 12	1 0	16 2	2 2	21 1	0 44	20 7	1 10	25 30	2 49	4 49	5 23	25 18		n.a.
T 7	12 32	28 4	5 8	18 15	2 0	26 34	3 8	17 53	1 25	22 12	1 0	16 1	2 2	21 0	0 44	20 7	1 10	25 30	2 49	4 51	5 24	25 16		n.a.
W 8	12 53	28 54	5 2	18 46	2 2	26 37	3 6	17 42	1 23	22 11	1 1	16 0	2 3	21 0	0 44	20 7	1 10	25 30	2 49	4 54	5 26	25 14		n.a.
T 9	13 14	27 48	4 38	19 16	2 5	26 38	3 4	17 31	1 20	22 11	1 1	15 59	2 3	21 0	0 44	20 7	1 10	25 30	2 49	4 55	5 27	25 12		n.a.
F 10	13 35	24 54	3 57	19 45	2 7	26 40	3 1	17 20	1 18	22 11	1 1	15 58	2 3	21 0	0 44	20 6	1 10	25 31	2 49	4 56	5 28	25 10		n.a.
S 11	13 56	20 31	3 2	20 13	2 9	26 40	2 59	17 9	1 16	22 10	1 1	15 57	2 3	21 0	0 44	20 6	1 10	25 31	2 49	4 56	5 29	25 8		n.a.
S 12	14 16	15 1	1 56	20 40	2 11	26 40	2 56	16 57	1 14	22 10	1 2	15 56	2 4	20 59	0 44	20 6	1 10	25 31	2 49	4 56	5 31	25 6		n.a.
M13	14 37	8 49	0 44	21 5	2 11	26 40	2 53	16 46	1 12	22 10	1 2	15 55	2 4	20 59	0 44	20 6	1 10	25 31	2 49	4 56	5 32	25 4		n.a.
T 14	14 56	2 16	0n30	21 29	2 12	26 38	2 50	16 34	1 10	22 10	1 2	15 54	2 4	20 59	0 44	20 6	1 10	25 32	2 49	4 56	5 33	25 3		n.a.
W15	15 16	4n20	1 41	21 51	2 12	26 36	2 46	16 22	1 8	22 10	1 3	15 54	2 4	20 58	0 43	20 6	1 10	25 32	2 49	4 56	5 34	25 1		n.a.
T 16	15 35	10 38	2 46	22 11	2 11	26 34	2 43	16 11	1 6	22 9	1 3	15 53	2 5	20 58	0 43	20 6	1 10	25 32	2 49	4 58	5 36	24 59		n.a.
F 17	15 55	16 23	3 40	22 30	2 10	26 31	2 39	15 59	1 4	22 9	1 3	15 52	2 5	20 58	0 43	20 5	1 10	25 32	2 49	5 1	5 37	24 57		n.a.
S 18	16 13	21 18	4 22	22 48	2 8	26 27	2 35	15 47	1 2	22 9	1 3	15 51	2 5	20 58	0 43	20 5	1 10	25 33	2 49	5 4	5 38	24 55		n.a.
S 19	16 32	25 7	4 50	23 3	2 5	26 22	2 30	15 35	1 0	22 9	1 4	15 50	2 5	20 57	0 43	20 5	1 10	25 33	2 49	5 9	5 39	24 53		n.a.
M20	16 50	27 39	5 3	23 16	2 2	26 18	2 26	15 22	0 58	22 9	1 4	15 50	2 6	20 57	0 43	20 5	1 10	25 33	2 49	5 13	5 41	24 51		n.a.
T 21	17 8	28 46	5 1	23 28	1 57	26 12	2 21	15 10	0 56	22 9	1 4	15 49	2 6	20 57	0 43	20 5	1 10	25 33	2 49	5 17	5 42	24 49		n.a.
W22	17 26	28 27	4 46	23 37	1 52	26 6	2 16	14 58	0 54	22 10	1 5	15 48	2 6	20 56	0 43	20 4	1 10	25 34	2 49	5 21	5 43	24 47		n.a.
T 23	17 43	26 49	4 18	23 44	1 46	25 59	2 11	14 45	0 52	22 10	1 5	15 48	2 6	20 56	0 43	20 4	1 10	25 34	2 50	5 24	5 44	24 45		n.a.
F 24	18 0	23 59	3 40	23 49	1 39	25 52	2 5	14 33	0 51	22 10	1 5	15 47	2 7	20 55	0 43	20 4	1 10	25 34	2 50	5 26	5 46	24 43		n.a.
S 25	18 17	20 10	2 52	23 51	1 31	25 45	1 59	14 20	0 49	22 10	1 6	15 47	2 7	20 55	0 43	20 4	1 10	25 35	2 50	5 26	5 47	24 41		n.a.
S 26	18 33	15 32	1 56	23 52	1 22	25 37	1 53	14 8	0 47	22 11	1 6	15 46	2 7	20 55	0 43	20 4	1 10	25 35	2 50	5 27	5 48	24 39		n.a.
M27	18 49	10 16	0 55	23 49	1 11	25 28	1 47	13 55	0 45	22 11	1 6	15 46	2 8	20 54	0 43	20 3	1 10	25 35	2 50	5 26	5 49	24 37		n.a.
T 28	19 5	4 32	0s10	23 44	0 59	25 19	1 40	13 42	0 44	22 11	1 6	15 45	2 8	20 54	0 43	20 3	1 10	25 36	2 50	5 26	5 51	24 35		n.a.
W29	19 20	1s32	1 16	23 37	0 46	25 10	1 33	13 29	0 42	22 12	1 7	15 45	2 8	20 53	0 43	20 3	1 10	25 36	2 50	5 27	5 52	24 33		n.a.
T 30	19s35	7s42	2s20	23s27	0s32	25s 0	1s25	13s16	0s40	22n12	1n 7	15n45	2n 8	20s53	0s43	20s 2	1s10	25s36	2s50	5s28	5s53	24n31		n.a.

Julian Day Number = 1196497.5, Delta T = 09h26m53s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'19, Lahiri = -23°47'19 Julian Calendar 1 Nov. 1438 BCE == Greg. Calendar 19 Oct. 1438 BCE

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ASTRODIENST EPHEMERIS for the year 1438 BCE
geocentric

DECEMBER 1438 BCE (-1437) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 46 3	26♏57'09	27♎13	14♐39	9♑15	27♒49	27°R 6	24♌ 6	1♒31	6♒45	13♐16	16°R17	15♓16	28♋32	n.a.	F 1
S 2	3 49 59	27°58'26	11♏ 0	14°54	9°52	28°23	27♋ 5	24° 8	1°32	6°46	13°18	16♓ 8	15°13	28°39	n.a.	S 2
S 3	3 53 56	28°59'42	25°11	14°R58	10°27	28°56	27° 4	24°10	1°34	6°47	13°20	15°58	15°10	28°46	n.a.	S 3
M 4	3 57 53	0♐ 0'58	9♐40	14°50	11° 0	29°29	27° 2	24°11	1°36	6°49	13°22	15°46	15° 6	28°52	n.a.	M 4
T 5	4 1 49	1° 2'14	24°20	14°31	11°33	0♓ 3	27° 1	24°12	1°38	6°50	13°24	15°34	15° 3	28°59	n.a.	T 5
W 6	4 5 46	2° 3'28	9♑ 4	14° 0	12° 3	0°37	26°59	24°13	1°40	6°51	13°25	15°24	15° 0	29° 6	n.a.	W 6
T 7	4 9 42	3° 4'42	23°43	13°18	12°33	1°10	26°57	24°14	1°43	6°52	13°27	15°16	14°57	29°13	n.a.	T 7
F 8	4 13 39	4° 5'54	8♒12	12°25	13° 0	1°44	26°54	24°15	1°45	6°53	13°29	15°12	14°54	29°19	n.a.	F 8
S 9	4 17 35	5° 7'06	22°27	11°24	13°26	2°18	26°52	24°16	1°47	6°55	13°31	15°10	14°51	29°26	n.a.	S 9
S 10	4 21 32	6° 8'16	6♓26	10°15	13°49	2°52	26°49	24°17	1°49	6°56	13°33	15° 9	14°47	29°33	n.a.	S 10
M11	4 25 29	7° 9'25	20°10	9° 1	14°11	3°27	26°46	24°18	1°51	6°57	13°35	15° 9	14°44	29°39	n.a.	M11
T 12	4 29 25	8°10'33	3♈39	7°44	14°31	4° 1	26°43	24°18	1°54	6°59	13°37	15° 8	14°41	29°46	n.a.	T 12
W13	4 33 22	9°11'39	16°56	6°27	14°49	4°35	26°40	24°19	1°56	7° 0	13°39	15° 5	14°38	29°53	n.a.	W13
T 14	4 37 18	10°12'45	0♉ 0	5°11	15° 5	5°10	26°37	24°19	1°58	7° 1	13°41	14°59	14°35	29°59	n.a.	T 14
F 15	4 41 15	11°13'49	12°54	4° 0	15°19	5°44	26°33	24°19	2° 1	7° 3	13°43	14°50	14°31	0♌ 6	n.a.	F 15
S 16	4 45 11	12°14'52	25°37	2°54	15°30	6°19	26°29	24°19	2° 3	7° 4	13°45	14°38	14°28	0°13	n.a.	S 16
S 17	4 49 8	13°15'54	8♊10	1°56	15°39	6°54	26°25	24°R19	2° 6	7° 6	13°47	14°24	14°25	0°19	n.a.	S 17
M18	4 53 5	14°16'55	20°32	1° 5	15°46	7°28	26°21	24°19	2° 8	7° 7	13°49	14° 9	14°22	0°26	n.a.	M18
T 19	4 57 1	15°17'55	2♋44	0°23	15°50	8° 3	26°17	24°19	2°11	7° 9	13°51	13°55	14°19	0°33	n.a.	T 19
W20	5 0 58	16°18'54	14°47	29♏50	15°R52	8°38	26°12	24°19	2°13	7°10	13°53	13°43	14°16	0°39	n.a.	W20
T 21	5 4 54	17°19'51	26°42	29°25	15°52	9°13	26° 8	24°18	2°16	7°12	13°54	13°33	14°12	0°46	n.a.	T 21
F 22	5 8 51	18°20'48	8♌31	29°10	15°49	9°48	26° 3	24°18	2°19	7°14	13°56	13°25	14° 9	0°53	n.a.	F 22
S 23	5 12 47	19°21'43	20°19	29°D 2	15°44	10°23	25°58	24°17	2°21	7°15	13°58	13°21	14° 6	0°59	n.a.	S 23
S 24	5 16 44	20°22'37	2♍ 9	29° 3	15°35	10°58	25°53	24°16	2°24	7°17	14° 0	13°19	14° 3	1° 6	n.a.	S 24
M25	5 20 40	21°23'30	14° 7	29°10	15°25	11°34	25°48	24°15	2°27	7°19	14° 2	13°D19	14° 0	1°13	n.a.	M25
T 26	5 24 37	22°24'22	26°18	29°25	15°12	12° 9	25°42	24°15	2°30	7°20	14° 4	13°R19	13°57	1°20	n.a.	T 26
W27	5 28 34	23°25'13	8♎48	29°46	14°56	12°44	25°37	24°14	2°32	7°22	14° 6	13°18	13°53	1°26	n.a.	W27
T 28	5 32 30	24°26'03	21°41	0♐13	14°38	13°20	25°31	24°12	2°35	7°24	14° 8	13°15	13°50	1°33	n.a.	T 28
F 29	5 36 27	25°26'52	5♏ 1	0°45	14°18	13°55	25°25	24°11	2°38	7°26	14°10	13°10	13°47	1°40	n.a.	F 29
S 30	5 40 23	26°27'39	18°51	1°22	13°55	14°31	25°19	24°10	2°41	7°27	14°12	13° 2	13°44	1°46	n.a.	S 30
S 31	5 44 20	27♐28'25	3♐10	2♐ 4	13♑30	15♓ 6	25♋13	24♌ 8	2♒44	7♒29	14♐14	12♓52	13♓41	1♌53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s49	13s44	3s18	23s15	0s17	24s50	1s18	13s 3	0s39	22n13	1n 7	15n44	2n 9	20s53	0s43	20s 2	1s10	25s36	2s50	5s30	5s54	24n29		n.a.
S 2	20 4	19 18	4 7	23 0	0 1	24 39	1 10	12 50	0 37	22 13	1 8	15 44	2 9	20 52	0 43	20 2	1 10	25 37	2 50	5 34	5 56	24 27		n.a.
S 3	20 17	23 57	4 42	22 43	0n17	24 28	1 2	12 36	0 36	22 14	1 8	15 44	2 9	20 52	0 43	20 2	1 10	25 37	2 50	5 38	5 57	24 25		n.a.
M 4	20 31	27 13	4 59	22 24	0 35	24 17	0 53	12 23	0 34	22 14	1 8	15 44	2 9	20 51	0 43	20 1	1 9	25 37	2 50	5 43	5 58	24 23		n.a.
T 5	20 44	28 42	4 57	22 3	0 55	24 5	0 44	12 10	0 32	22 15	1 8	15 43	2 10	20 51	0 43	20 1	1 9	25 38	2 50	5 47	5 59	24 21		n.a.
W 6	20 57	28 8	4 36	21 40	1 14	23 53	0 35	11 56	0 31	22 16	1 9	15 43	2 10	20 50	0 43	20 1	1 9	25 38	2 50	5 51	6 1	24 19		n.a.
T 7	21 9	25 37	3 56	21 15	1 34	23 41	0 25	11 42	0 29	22 16	1 9	15 43	2 10	20 50	0 43	20 0	1 9	25 38	2 50	5 54	6 2	24 17		n.a.
F 8	21 21	21 28	3 2	20 49	1 53	23 28	0 15	11 29	0 28	22 17	1 9	15 43	2 11	20 49	0 43	20 0	1 9	25 39	2 50	5 56	6 3	24 15		n.a.
S 9	21 32	16 7	1 57	20 23	2 11	23 16	0 5	11 15	0 27	22 18	1 10	15 43	2 11	20 49	0 43	20 0	1 9	25 39	2 51	5 57	6 4	24 13		n.a.
S 10	21 43	10 1	0 46	19 56	2 29	23 3	0n 5	11 1	0 25	22 19	1 10	15 43	2 11	20 48	0 43	19 59	1 9	25 39	2 51	5 57	6 6	24 11		n.a.
M11	21 54	3 33	0n26	19 29	2 44	22 49	0 16	10 47	0 24	22 19	1 10	15 43	2 11	20 48	0 43	19 59	1 9	25 40	2 51	5 57	6 7	24 9		n.a.
T 12	22 4	2n57	1 36	19 4	2 58	22 36	0 28	10 33	0 22	22 20	1 11	15 43	2 12	20 47	0 43	19 58	1 9	25 40	2 51	5 57	6 8	24 7		n.a.
W13	22 13	9 12	2 39	18 39	3 10	22 23	0 39	10 19	0 21	22 21	1 11	15 43	2 12	20 46	0 43	19 58	1 9	25 40	2 51	5 59	6 9	24 5		n.a.
T 14	22 23	14 59	3 33	18 17	3 19	22 9	0 51	10 5	0 20	22 22	1 11	15 43	2 12	20 46	0 43	19 58	1 9	25 40	2 51	6 1	6 11	24 3		n.a.
F 15	22 31	20 1	4 15	17 57	3 26	21 55	1 3	9 51	0 18	22 23	1 11	15 44	2 13	20 45	0 43	19 57	1 9	25 41	2 51	6 5	6 12	24 1		n.a.
S 16	22 40	24 5	4 43	17 41	3 30	21 41	1 16	9 37	0 17	22 24	1 12	15 44	2 13	20 45	0 43	19 57	1 9	25 41	2 51	6 9	6 13	23 58		n.a.
S 17	22 48	26 57	4 58	17 27	3 32	21 27	1 29	9 23	0 16	22 25	1 12	15 44	2 13	20 44	0 43	19 56	1 9	25 41	2 51	6 15	6 14	23 56		n.a.
M18	22 55	28 28	4 57	17 17	3 32	21 14	1 42	9 8	0 14	22 26	1 12	15 44	2 13	20 44	0 43	19 56	1 9	25 42	2 51	6 20	6 16	23 54		n.a.
T 19	23 2	28 34	4 44	17 10	3 31	21 0	1 56	8 54	0 13	22 27	1 12	15 45	2 14	20 43	0 42	19 56	1 9	25 42	2 51	6 26	6 17	23 52		n.a.
W20	23 9	27 17	4 17	17 6	3 27	20 46	2 9	8 40	0 12	22 28	1 13	15 45	2 14	20 42	0 42	19 55	1 9	25 42	2 51	6 31	6 18	23 50		n.a.
T 21	23 15	24 47	3 40	17 6	3 22	20 32	2 23	8 25	0 11	22 30	1 13	15 46	2 14	20 42	0 42	19 55	1 9	25 43	2 51	6 35	6 19	23 48		n.a.
F 22	23 21	21 14	2 53	17 8	3 16	20 18	2 38	8 11	0 9	22 31	1 13	15 46	2 14	20 41	0 42	19 54	1 9	25 43	2 52	6 38	6 21	23 46		n.a.
S 23	23 26	16 51	1 58	17 14	3 9	20 4	2 52	7 56	0 8	22 32	1 14	15 46	2 15	20 40	0 42	19 54	1 9	25 43	2 52	6 39	6 22	23 44		n.a.
S 24	23 31	11 48	0 59	17 21	3 1	19 51	3 7	7 41	0 7	22 33	1 14	15 47	2 15	20 40	0 42	19 53	1 9	25 44	2 52	6 40	6 23	23 41		n.a.
M25	23 35	6 17	0s 4	17 32	2 52	19 38	3 21	7 27	0 6	22 35	1 14	15 47	2 15	20 39	0 42	19 53	1 9	25 44	2 52	6 40	6 24	23 39		n.a.
T 26	23 39	0 27	1 8	17 44	2 43	19 24	3 36	7 12	0 5	22 36	1 14	15 48	2 16	20 38	0 42	19 53	1 9	25 44	2 52	6 40	6 26	23 37		n.a.
W27	23 42	5s32	2 11	17 57	2 34	19 11	3 51	6 57	0 4	22 37	1 15	15 49	2 16	20 38	0 42	19 52	1 9	25 45	2 52	6 41	6 27	23 35		n.a.
T 28	23 45	11 30	3 8	18 13	2 24	18 59	4 6	6 42	0 3	22 38	1 15	15 49	2 16	20 37	0 42	19 52	1 9	25 45	2 52	6 42	6 28	23 33		n.a.
F 29	23 47	17 9	3 58	18 29	2 14	18 46	4 21	6 27	0 1	22 40	1 15	15 50	2 16	20 36	0 42	19 51	1 9	25 45	2 52	6 44	6 29	23 31		n.a.
S 30	23 49	22 8	4 35	18 47	2 4	18 34	4 35	6 12	0 0	22 41	1 15	15 51	2 17	20 36	0 42	19 51	1 9	25 46	2 52	6 47	6 31	23 28		n.a.
S 31	23s50	26s 1	4s57	19s 5	1n54	18s22	4n50	5s57	0n 1	22n42	1n15	15n51	2n17	20s35	0s42	19s50	1s 9	25s46	2s52	6s51	6s32	23n26		n.a.

Julian Day Number = 1196527.5, Delta T = 09h26m51s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'15, Lahiri = -23°47'15 Julian Calendar 1 Dec. 1438 BCE == Greg. Calendar 18 Nov. 1438 BCE

The year -1437 astronomical counting style corresponds to year 1438 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

JANUARY 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 48 16	28♐29'10	17♐53	2♐49	13°R 3	15♓42	25°R 7	24°R 7	2♒47	7♒31	14♐16	12°R41	13♓37	2♌ 0	n.a.	M 1
T 2	5 52 13	29°29'53	2♑53	3°39	12♑34	16°18	25♋ 0	24♌ 5	2°50	7°33	14°18	12♓30	13°34	2° 6	n.a.	T 2
W 3	5 56 10	0♑30'34	17°59	4°31	12° 3	16°54	24°54	24° 3	2°53	7°35	14°19	12°20	13°31	2°13	n.a.	W 3
T 4	6 0 6	1°31'14	3♒ 3	5°27	11°31	17°29	24°47	24° 2	2°56	7°37	14°21	12°12	13°28	2°20	n.a.	T 4
F 5	6 4 3	2°31'52	17°55	6°26	10°57	18° 5	24°41	24° 0	2°59	7°39	14°23	12° 7	13°25	2°26	n.a.	F 5
S 6	6 7 59	3°32'28	2♓28	7°28	10°22	18°41	24°34	23°58	3° 2	7°41	14°25	12° 5	13°22	2°33	n.a.	S 6
S 7	6 11 56	4°33'02	16°39	8°32	9°46	19°17	24°27	23°55	3° 5	7°43	14°27	12°D 5	13°18	2°40	n.a.	S 7
M 8	6 15 52	5°33'33	0♈28	9°38	9° 9	19°53	24°20	23°53	3° 8	7°45	14°29	12°R 5	13°15	2°46	n.a.	M 8
T 9	6 19 49	6°34'03	13°55	10°47	8°31	20°29	24°13	23°51	3°11	7°47	14°31	12° 5	13°12	2°53	n.a.	T 9
W10	6 23 45	7°34'30	27° 3	11°57	7°54	21° 5	24° 5	23°49	3°14	7°49	14°32	12° 3	13° 9	3° 0	n.a.	W10
T 11	6 27 42	8°34'56	9♉55	13°10	7°16	21°42	23°58	23°46	3°18	7°51	14°34	11°59	13° 6	3° 6	n.a.	T 11
F 12	6 31 39	9°35'19	22°33	14°24	6°38	22°18	23°51	23°43	3°21	7°53	14°36	11°52	13° 3	3°13	n.a.	F 12
S 13	6 35 35	10°35'41	5♊ 0	15°39	6° 1	22°54	23°43	23°41	3°24	7°55	14°38	11°43	12°59	3°20	n.a.	S 13
S 14	6 39 32	11°36'00	17°17	16°57	5°25	23°30	23°36	23°38	3°27	7°57	14°40	11°32	12°56	3°26	n.a.	S 14
M15	6 43 28	12°36'18	29°25	18°16	4°50	24° 6	23°28	23°35	3°30	7°59	14°41	11°20	12°53	3°33	n.a.	M15
T 16	6 47 25	13°36'33	11♋27	19°36	4°16	24°43	23°21	23°32	3°34	8° 1	14°43	11° 9	12°50	3°40	n.a.	T 16
W17	6 51 21	14°36'47	23°23	20°58	3°44	25°19	23°13	23°29	3°37	8° 3	14°45	10°59	12°47	3°47	n.a.	W17
T 18	6 55 18	15°36'58	5♌14	22°21	3°13	25°55	23° 5	23°26	3°40	8° 5	14°47	10°51	12°43	3°53	n.a.	T 18
F 19	6 59 14	16°37'08	17° 2	23°45	2°44	26°32	22°58	23°23	3°43	8° 7	14°48	10°45	12°40	4° 0	n.a.	F 19
S 20	7 3 11	17°37'16	28°51	25°10	2°17	27° 8	22°50	23°20	3°47	8° 9	14°50	10°42	12°37	4° 7	n.a.	S 20
S 21	7 7 8	18°37'21	10♍42	26°37	1°52	27°45	22°42	23°17	3°50	8°12	14°52	10°D41	12°34	4°13	n.a.	S 21
M22	7 11 4	19°37'25	22°41	28° 5	1°29	28°21	22°34	23°13	3°53	8°14	14°53	10°42	12°31	4°20	n.a.	M22
T 23	7 15 1	20°37'28	4♎52	29°34	1° 9	28°58	22°26	23°10	3°57	8°16	14°55	10°43	12°28	4°27	n.a.	T 23
W24	7 18 57	21°37'28	17°19	1♑ 5	0°51	29°34	22°19	23° 6	4° 0	8°18	14°57	10°R44	12°24	4°33	n.a.	W24
T 25	7 22 54	22°37'27	0♏ 7	2°36	0°35	0♈11	22°11	23° 3	4° 3	8°20	14°58	10°44	12°21	4°40	n.a.	T 25
F 26	7 26 50	23°37'24	13°21	4° 9	0°22	0°47	22° 3	22°59	4° 7	8°23	15° 0	10°42	12°18	4°47	n.a.	F 26
S 27	7 30 47	24°37'19	27° 4	5°43	0°12	1°24	21°55	22°55	4°10	8°25	15° 1	10°38	12°15	4°53	n.a.	S 27
S 28	7 34 43	25°37'12	11♐16	7°18	0° 4	2° 0	21°47	22°52	4°14	8°27	15° 3	10°32	12°12	5° 0	n.a.	S 28
M29	7 38 40	26°37'04	25°55	8°54	29♐58	2°37	21°39	22°48	4°17	8°29	15° 4	10°26	12° 9	5° 7	n.a.	M29
T 30	7 42 37	27°36'54	10♑56	10°31	29°55	3°14	21°32	22°44	4°20	8°31	15° 6	10°19	12° 5	5°13	n.a.	T 30
W31	7 46 33	28♑36'41	26♑10	12♑10	29°D54	3♈50	21♋24	22♌40	4♒24	8♒34	15♐ 8	10♓13	12♓ 2	5♌20	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s51	28s17	5s 0	19s25	1n43	18s10	5n 4	5s42	0n 2	22n44	1n16	15n52	2n17	20s34	0s42	19s50	1s 9	25s46	2s52	6s55	6s33	23n24			n.a.
T 2	23 52	28 33	4 43	19 44	1 33	17 59	5 18	5 27	0 3	22 45	1 16	15 53	2 17	20 34	0 42	19 49	1 9	25 47	2 53	6 59	6 34	23 22			n.a.
W 3	23 52	26 41	4 5	20 4	1 23	17 48	5 32	5 12	0 4	22 47	1 16	15 54	2 18	20 33	0 42	19 49	1 9	25 47	2 53	7 3	6 35	23 20			n.a.
T 4	23 51	22 55	3 11	20 24	1 13	17 38	5 45	4 57	0 5	22 48	1 16	15 55	2 18	20 32	0 42	19 48	1 9	25 47	2 53	7 6	6 37	23 17			n.a.
F 5	23 50	17 42	2 5	20 44	1 3	17 28	5 58	4 42	0 6	22 50	1 17	15 56	2 18	20 31	0 42	19 48	1 9	25 48	2 53	7 8	6 38	23 15			n.a.
S 6	23 49	11 34	0 51	21 5	0 53	17 18	6 10	4 27	0 7	22 51	1 17	15 57	2 18	20 31	0 42	19 47	1 9	25 48	2 53	7 9	6 39	23 13			n.a.
S 7	23 47	4 59	0n24	21 25	0 43	17 9	6 22	4 12	0 8	22 53	1 17	15 57	2 19	20 30	0 42	19 47	1 9	25 48	2 53	7 9	6 40	23 11			n.a.
M 8	23 45	1n39	1 36	21 44	0 34	17 1	6 32	3 56	0 9	22 54	1 17	15 58	2 19	20 29	0 42	19 46	1 9	25 49	2 53	7 9	6 42	23 8			n.a.
T 9	23 42	8 3	2 41	22 4	0 24	16 53	6 43	3 41	0 10	22 55	1 17	15 59	2 19	20 28	0 42	19 45	1 9	25 49	2 53	7 9	6 43	23 6			n.a.
W10	23 39	13 56	3 35	22 23	0 15	16 46	6 52	3 26	0 11	22 57	1 18	16 1	2 19	20 28	0 42	19 45	1 9	25 49	2 53	7 10	6 44	23 4			n.a.
T 11	23 35	19 7	4 18	22 41	0 6	16 40	7 1	3 11	0 12	22 58	1 18	16 2	2 20	20 27	0 42	19 44	1 9	25 50	2 54	7 11	6 45	23 2			n.a.
F 12	23 31	23 21	4 47	22 59	0s 3	16 34	7 9	2 55	0 12	23 0	1 18	16 3	2 20	20 26	0 42	19 44	1 9	25 50	2 54	7 14	6 47	22 59			n.a.
S 13	23 26	26 27	5 1	23 16	0 11	16 28	7 16	2 40	0 13	23 1	1 18	16 4	2 20	20 25	0 42	19 43	1 9	25 50	2 54	7 18	6 48	22 57			n.a.
S 14	23 21	28 15	5 2	23 32	0 19	16 24	7 22	2 24	0 14	23 3	1 18	16 5	2 20	20 25	0 42	19 43	1 9	25 51	2 54	7 22	6 49	22 55			n.a.
M15	23 15	28 41	4 49	23 48	0 28	16 20	7 27	2 9	0 15	23 4	1 18	16 6	2 21	20 24	0 42	19 42	1 9	25 51	2 54	7 26	6 50	22 53			n.a.
T 16	23 9	27 43	4 23	24 2	0 35	16 17	7 31	1 54	0 16	23 6	1 19	16 7	2 21	20 23	0 42	19 42	1 9	25 51	2 54	7 31	6 52	22 50			n.a.
W17	23 3	25 30	3 45	24 16	0 43	16 14	7 35	1 38	0 17	23 7	1 19	16 9	2 21	20 22	0 42	19 41	1 9	25 52	2 54	7 35	6 53	22 48			n.a.
T 18	22 56	22 11	2 58	24 28	0 50	16 12	7 37	1 23	0 18	23 9	1 19	16 10	2 21	20 21	0 42	19 40	1 9	25 52	2 54	7 38	6 54	22 46			n.a.
F 19	22 49	17 58	2 4	24 40	0 57	16 11	7 39	1 7	0 19	23 10	1 19	16 11	2 21	20 21	0 42	19 40	1 9	25 52	2 55	7 40	6 55	22 43			n.a.
S 20	22 41	13 4	1 3	24 50	1 4	16 11	7 40	0 52	0 19	23 12	1 19	16 12	2 22	20 20	0 42	19 39	1 9	25 53	2 55	7 41	6 57	22 41			n.a.
S 21	22 33	7 41	0s 0	24 59	1 10	16 11	7 40	0 36	0 20	23 13	1 19	16 14	2 22	20 19	0 42	19 39	1 9	25 53	2 55	7 41	6 58	22 39			n.a.
M22	22 24	1 58	1 4	25 7	1 16	16 12	7 40	0 21	0 21	23 15	1 19	16 15	2 22	20 18	0 42	19 38	1 9	25 53	2 55	7 41	6 59	22 36			n.a.
T 23	22 15	3s54	2 7	25 14	1 22	16 13	7 38	0 5	0 22	23 16	1 20	16 16	2 22	20 17	0 42	19 38	1 9	25 54	2 55	7 41	7 0	22 34			n.a.
W24	22 6	9 45	3 4	25 19	1 27	16 16	7 36	0n10	0 22	23 18	1 20	16 18	2 22	20 17	0 42	19 37	1 9	25 54	2 55	7 40	7 1	22 32			n.a.
T 25	21 56	15 22	3 55	25 23	1 32	16 18	7 34	0 26	0 23	23 19	1 20	16 19	2 23	20 16	0 42	19 36	1 9	25 54	2 55	7 40	7 3	22 29			n.a.
F 26	21 46	20 29	4 35	25 25	1 37	16 22	7 30	0 41	0 24	23 20	1 20	16 21	2 23	20 15	0 42	19 36	1 9	25 55	2 55	7 41	7 4	22 27			n.a.
S 27	21 35	24 43	5 0	25 26	1 42	16 25	7 27	0 57	0 25	23 22	1 20	16 22	2 23	20 14	0 42	19 35	1 9	25 55	2 56	7 43	7 5	22 25			n.a.
S 28	21 24	27 37	5 9	25 25	1 46	16 30	7 22	1 12	0 26	23 23	1 20	16 23	2 23	20 13	0 42	19 35	1 9	25 55	2 56	7 45	7 6	22 22			n.a.
M29	21 12	28 46	4 58	25 23	1 49	16 34	7 18	1 28	0 26	23 24	1 20	16 25	2 23	20 13	0 42	19 34	1 9	25 56	2 56	7 47	7 8	22 20			n.a.
T 30	21 1	27 50	4 26	25 19	1 53	16 39	7 12	1 43	0 27	23 26	1 20	16 26	2 24	20 12	0 42	19 33	1 9	25 56	2 56	7 50	7 9	22 18			n.a.
W31	20s48	24s49	3s36	25s13	1s56	16s45	7n 7	1n58	0n28	23n27	1n20	16n28	2n24	20s11	0s42	19s33	1s 9	25s56	2s56	7s52	7s10	22n15			n.a.

Julian Day Number = 1196558.5, Delta T = 09h26m49s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'11, Lahiri = -23°47'11 Julian Calendar 1 Jan. 1437 BCE == Greg. Calendar 19 Dec. 1438 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

FEBRUARY 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 50 30	29♉36'26	11♒25	13♉49	29♐56	4♈27	21°R16	22°R36	4♒27	8♒36	15♐ 9	10°R 8	11♓59	5♌27	n.a.	T 1
F 2	7 54 26	0♒36'09	26°33	15°30	0♉ 0	5° 4	21♋ 8	22♌32	4°31	8°38	15°11	10♓ 6	11°56	5°33	n.a.	F 2
S 3	7 58 23	1°35'50	11♓24	17°12	0° 6	5°41	21° 1	22°28	4°34	8°40	15°12	10°D 5	11°53	5°40	n.a.	S 3
S 4	8 2 19	2°35'28	25°51	18°55	0°15	6°17	20°53	22°24	4°37	8°43	15°13	10° 6	11°49	5°47	n.a.	S 4
M 5	8 6 16	3°35'04	9♈53	20°40	0°26	6°54	20°46	22°19	4°41	8°45	15°15	10° 7	11°46	5°53	n.a.	M 5
T 6	8 10 12	4°34'38	23°29	22°25	0°39	7°31	20°38	22°15	4°44	8°47	15°16	10° 9	11°43	6° 0	n.a.	T 6
W 7	8 14 9	5°34'09	6♉41	24°12	0°54	8° 8	20°31	22°11	4°48	8°50	15°18	10°R 9	11°40	6° 7	n.a.	W 7
T 8	8 18 5	6°33'37	19°31	26° 0	1°10	8°45	20°24	22° 7	4°51	8°52	15°19	10° 8	11°37	6°13	n.a.	T 8
F 9	8 22 2	7°33'03	2♊ 3	27°49	1°29	9°21	20°16	22° 2	4°55	8°54	15°20	10° 6	11°34	6°20	n.a.	F 9
S 10	8 25 59	8°32'27	14°21	29°40	1°50	9°58	20° 9	21°58	4°58	8°56	15°22	10° 2	11°30	6°27	n.a.	S 10
S 11	8 29 55	9°31'48	26°29	1♒32	2°13	10°35	20° 2	21°53	5° 1	8°59	15°23	9°57	11°27	6°33	n.a.	S 11
M12	8 33 52	10°31'07	8♋28	3°25	2°37	11°12	19°55	21°49	5° 5	9° 1	15°24	9°52	11°24	6°40	n.a.	M12
T 13	8 37 48	11°30'23	20°21	5°19	3° 3	11°49	19°48	21°44	5° 8	9° 3	15°25	9°47	11°21	6°47	n.a.	T 13
W14	8 41 45	12°29'38	2♌12	7°15	3°30	12°26	19°41	21°40	5°12	9° 5	15°27	9°42	11°18	6°53	n.a.	W14
T 15	8 45 41	13°28'50	14° 1	9°12	4° 0	13° 3	19°35	21°35	5°15	9° 8	15°28	9°39	11°15	7° 0	n.a.	T 15
F 16	8 49 38	14°27'59	25°51	11°10	4°30	13°40	19°28	21°31	5°18	9°10	15°29	9°37	11°11	7° 7	n.a.	F 16
S 17	8 53 34	15°27'07	7♍43	13° 9	5° 2	14°17	19°22	21°26	5°22	9°12	15°30	9°D36	11° 8	7°13	n.a.	S 17
S 18	8 57 31	16°26'12	19°41	15° 9	5°36	14°54	19°15	21°22	5°25	9°14	15°31	9°36	11° 5	7°20	n.a.	S 18
M19	9 1 27	17°25'15	1♎47	17°11	6°11	15°31	19° 9	21°17	5°29	9°17	15°32	9°37	11° 2	7°27	n.a.	M19
T 20	9 5 24	18°24'17	14° 3	19°13	6°47	16° 8	19° 3	21°13	5°32	9°19	15°33	9°39	10°59	7°33	n.a.	T 20
W21	9 9 21	19°23'16	26°35	21°16	7°24	16°45	18°57	21° 8	5°35	9°21	15°34	9°41	10°55	7°40	n.a.	W21
T 22	9 13 17	20°22'14	9♏24	23°19	8° 3	17°22	18°51	21° 4	5°39	9°23	15°36	9°42	10°52	7°47	n.a.	T 22
F 23	9 17 14	21°21'09	22°34	25°23	8°43	17°59	18°46	20°59	5°42	9°26	15°37	9°R42	10°49	7°53	n.a.	F 23
S 24	9 21 10	22°20'03	6♐ 9	27°28	9°23	18°36	18°40	20°54	5°45	9°28	15°38	9°41	10°46	8° 0	n.a.	S 24
S 25	9 25 7	23°18'55	20°10	29°32	10° 5	19°13	18°35	20°50	5°48	9°30	15°38	9°40	10°43	8° 7	n.a.	S 25
M26	9 29 3	24°17'46	4♉35	1♓36	10°48	19°50	18°29	20°45	5°52	9°32	15°39	9°38	10°40	8°13	n.a.	M26
T 27	9 33 0	25°16'34	19°21	3°39	11°32	20°27	18°24	20°41	5°55	9°35	15°40	9°37	10°36	8°20	n.a.	T 27
W28	9 36 56	26°15'20	4♒23	5°42	12°17	21° 4	18°19	20°36	5°58	9°37	15°41	9°35	10°33	8°27	n.a.	W28
T 29	9 40 53	27♒14'04	19♒32	7♓43	13♉ 2	21♈41	18♋15	20♌31	6♒ 2	9♒39	15♐42	9♓34	10♓30	8♌33	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s36	20s 3	2s29	25s 6	1s58	16s51	7n 1	2n14	0n28	23n28	1n20	16n29	2n24	20s10	0s42	19s32	1s 9	25s56	2s56	7s54	7s11	22n13		n.a.
F 2	20 23	14 2	1 13	24 56	2 0	16 57	6 55	2 29	0 29	23 30	1 20	16 31	2 24	20 9	0 42	19 32	1 9	25 57	2 56	7 55	7 13	22 11		n.a.
S 3	20 10	7 19	0n 7	24 45	2 2	17 4	6 48	2 45	0 30	23 31	1 21	16 32	2 24	20 8	0 42	19 31	1 9	25 57	2 57	7 55	7 14	22 8		n.a.
S 4	19 56	0 23	1 25	24 32	2 3	17 10	6 41	3 0	0 30	23 32	1 21	16 34	2 24	20 8	0 42	19 30	1 9	25 57	2 57	7 55	7 15	22 6		n.a.
M 5	19 42	6n21	2 35	24 18	2 4	17 17	6 34	3 16	0 31	23 33	1 21	16 35	2 25	20 7	0 42	19 30	1 9	25 58	2 57	7 54	7 16	22 3		n.a.
T 6	19 28	12 35	3 35	24 1	2 5	17 25	6 27	3 31	0 32	23 35	1 21	16 37	2 25	20 6	0 42	19 29	1 9	25 58	2 57	7 54	7 17	22 1		n.a.
W 7	19 13	18 4	4 21	23 42	2 5	17 32	6 20	3 46	0 32	23 36	1 21	16 38	2 25	20 5	0 42	19 29	1 9	25 58	2 57	7 54	7 19	21 59		n.a.
T 8	18 58	22 36	4 52	23 21	2 4	17 39	6 12	4 2	0 33	23 37	1 21	16 40	2 25	20 4	0 42	19 28	1 9	25 59	2 57	7 54	7 20	21 56		n.a.
F 9	18 43	25 59	5 9	22 58	2 3	17 47	6 4	4 17	0 34	23 38	1 21	16 42	2 25	20 3	0 42	19 27	1 9	25 59	2 57	7 55	7 21	21 54		n.a.
S 10	18 27	28 5	5 11	22 34	2 1	17 55	5 57	4 33	0 34	23 39	1 21	16 43	2 25	20 3	0 42	19 27	1 9	25 59	2 58	7 56	7 22	21 51		n.a.
S 11	18 11	28 48	4 59	22 7	1 59	18 2	5 49	4 48	0 35	23 40	1 21	16 45	2 25	20 2	0 42	19 26	1 9	26 0	2 58	7 58	7 24	21 49		n.a.
M12	17 55	28 9	4 34	21 38	1 57	18 10	5 41	5 3	0 36	23 41	1 21	16 46	2 25	20 1	0 42	19 26	1 9	26 0	2 58	8 0	7 25	21 47		n.a.
T 13	17 38	26 12	3 58	21 7	1 54	18 17	5 32	5 18	0 36	23 42	1 21	16 48	2 26	20 0	0 42	19 25	1 9	26 0	2 58	8 2	7 26	21 44		n.a.
W14	17 21	23 7	3 11	20 33	1 50	18 25	5 24	5 34	0 37	23 43	1 21	16 50	2 26	19 59	0 42	19 24	1 9	26 0	2 58	8 4	7 27	21 42		n.a.
T 15	17 4	19 5	2 16	19 58	1 46	18 32	5 16	5 49	0 37	23 44	1 21	16 51	2 26	19 58	0 42	19 24	1 9	26 1	2 58	8 5	7 29	21 39		n.a.
F 16	16 47	14 18	1 15	19 21	1 41	18 40	5 8	6 4	0 38	23 45	1 21	16 53	2 26	19 57	0 42	19 23	1 9	26 1	2 59	8 6	7 30	21 37		n.a.
S 17	16 29	8 59	0 10	18 42	1 36	18 47	4 59	6 19	0 38	23 46	1 21	16 54	2 26	19 57	0 42	19 23	1 9	26 1	2 59	8 7	7 31	21 34		n.a.
S 18	16 11	3 19	0s55	18 0	1 30	18 54	4 51	6 34	0 39	23 47	1 21	16 56	2 26	19 56	0 42	19 22	1 9	26 2	2 59	8 6	7 32	21 32		n.a.
M19	15 53	2s32	1 59	17 17	1 23	19 1	4 43	6 49	0 40	23 48	1 21	16 57	2 26	19 55	0 42	19 21	1 9	26 2	2 59	8 6	7 33	21 29		n.a.
T 20	15 35	8 23	2 59	16 31	1 16	19 7	4 35	7 4	0 40	23 49	1 21	16 59	2 26	19 54	0 42	19 21	1 9	26 2	2 59	8 5	7 35	21 27		n.a.
W21	15 16	14 0	3 51	15 44	1 8	19 13	4 26	7 19	0 41	23 50	1 21	17 1	2 26	19 53	0 42	19 20	1 9	26 2	2 59	8 5	7 36	21 24		n.a.
T 22	14 57	19 11	4 33	14 56	1 0	19 19	4 18	7 34	0 41	23 50	1 21	17 2	2 26	19 53	0 42	19 20	1 9	26 3	3 0	8 4	7 37	21 22		n.a.
F 23	14 38	23 36	5 2	14 5	0 51	19 25	4 10	7 49	0 42	23 51	1 20	17 4	2 26	19 52	0 42	19 19	1 9	26 3	3 0	8 4	7 38	21 19		n.a.
S 24	14 19	26 54	5 15	13 13	0 42	19 31	4 2	8 4	0 42	23 52	1 20	17 5	2 26	19 51	0 42	19 18	1 9	26 3	3 0	8 4	7 40	21 17		n.a.
S 25	13 59	28 40	5 11	12 20	0 32	19 36	3 53	8 18	0 43	23 53	1 20	17 7	2 26	19 50	0 42	19 18	1 9	26 4	3 0	8 5	7 41	21 14		n.a.
M26	13 39	28 34	4 47	11 26	0 22	19 40	3 45	8 33	0 43	23 53	1 20	17 8	2 26	19 49	0 42	19 17	1 9	26 4	3 0	8 6	7 42	21 12		n.a.
T 27	13 19	26 27	4 3	10 31	0 11	19 45	3 37	8 48	0 44	23 54	1 20	17 10	2 27	19 48	0 42	19 17	1 9	26 4	3 0	8 6	7 43	21 9		n.a.
W28	12 59	22 28	3 3	9 35	0 0	19 49	3 29	9 3	0 44	23 55	1 20	17 11	2 27	19 48	0 42	19 16	1 9	26 4	3 0	8 7	7 44	21 7		n.a.
T 29	12s39	16s56	1s49	8s39	0n11	19s52	3n21	9n17	0n45	23n55	1n20	17n13	2n27	19s47	0s42	19s16	1s 9	26s 5	3s 1	8s 7	7s46	21n 4		n.a.

Julian Day Number = 1196589.5, Delta T = 09h26m47s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'07, Lahiri = -23°47'07 Julian Calendar 1 Feb. 1437 BCE == Greg. Calendar 19 Jan. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

MARCH 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 44 50	28♒12'46	4♓40	9♓43	13♉49	22♈18	18°R10	20°R27	6♒ 5	9♒41	15♐43	9°D33	10♓27	8♌40	n.a.	F 1
S 2	9 48 46	29°11'26	19°35	11°40	14°36	22°55	18♋ 5	20♌22	6° 8	9°43	15°44	9♓33	10°24	8°47	n.a.	S 2
S 3	9 52 43	0♓10'04	4♈12	13°36	15°24	23°32	18° 1	20°18	6°11	9°45	15°44	9°34	10°21	8°53	n.a.	S 3
M 4	9 56 39	1° 8'39	18°25	15°29	16°13	24° 9	17°57	20°13	6°14	9°48	15°45	9°35	10°17	9° 0	n.a.	M 4
T 5	10 0 36	2° 7'13	2♉12	17°19	17° 3	24°46	17°53	20° 9	6°18	9°50	15°46	9°35	10°14	9° 7	n.a.	T 5
W 6	10 4 32	3° 5'43	15°32	19° 5	17°53	25°23	17°49	20° 5	6°21	9°52	15°47	9°36	10°11	9°13	n.a.	W 6
T 7	10 8 29	4° 4'12	28°27	20°48	18°44	26° 0	17°46	20° 0	6°24	9°54	15°47	9°R36	10° 8	9°20	n.a.	T 7
F 8	10 12 25	5° 2'38	11♊ 1	22°28	19°35	26°38	17°42	19°56	6°27	9°56	15°48	9°36	10° 5	9°27	n.a.	F 8
S 9	10 16 22	6° 1'02	23°18	24° 3	20°28	27°15	17°39	19°51	6°30	9°58	15°48	9°36	10° 1	9°33	n.a.	S 9
S 10	10 20 18	6°59'24	5♋22	25°34	21°20	27°52	17°36	19°47	6°33	10° 0	15°49	9°36	9°58	9°40	n.a.	S 10
M11	10 24 15	7°57'44	17°17	27° 0	22°14	28°29	17°33	19°43	6°36	10° 2	15°50	9°36	9°55	9°47	n.a.	M11
T 12	10 28 12	8°56'01	29° 7	28°22	23° 8	29° 6	17°30	19°39	6°39	10° 4	15°50	9°35	9°52	9°53	n.a.	T 12
W13	10 32 8	9°54'16	10♌55	29°40	24° 2	29°43	17°27	19°35	6°42	10° 6	15°51	9°D35	9°49	10° 0	n.a.	W13
T 14	10 36 5	10°52'29	22°45	0♈52	24°57	0♉20	17°25	19°30	6°45	10° 8	15°51	9°35	9°46	10° 7	n.a.	T 14
F 15	10 40 1	11°50'41	4♍39	2° 0	25°53	0°57	17°23	19°26	6°48	10°10	15°52	9°R36	9°42	10°13	n.a.	F 15
S 16	10 43 58	12°48'50	16°40	3° 2	26°48	1°35	17°21	19°22	6°51	10°12	15°52	9°36	9°39	10°20	n.a.	S 16
S 17	10 47 54	13°46'57	28°48	3°59	27°45	2°12	17°19	19°18	6°54	10°14	15°52	9°35	9°36	10°27	n.a.	S 17
M18	10 51 51	14°45'02	11♎ 7	4°51	28°42	2°49	17°17	19°14	6°57	10°16	15°53	9°35	9°33	10°33	n.a.	M18
T 19	10 55 47	15°43'06	23°37	5°38	29°39	3°26	17°16	19°10	7° 0	10°18	15°53	9°34	9°30	10°40	n.a.	T 19
W20	10 59 44	16°41'08	6♏21	6°20	0♒37	4° 3	17°14	19° 7	7° 2	10°20	15°53	9°33	9°26	10°47	n.a.	W20
T 21	11 3 40	17°39'09	19°21	6°56	1°35	4°40	17°13	19° 3	7° 5	10°22	15°54	9°32	9°23	10°53	n.a.	T 21
F 22	11 7 37	18°37'08	2♐36	7°26	2°33	5°17	17°12	18°59	7° 8	10°24	15°54	9°32	9°20	11° 0	n.a.	F 22
S 23	11 11 34	19°35'05	16°10	7°52	3°32	5°55	17°12	18°56	7°11	10°26	15°54	9°D31	9°17	11° 7	n.a.	S 23
S 24	11 15 30	20°33'02	0♑ 3	8°11	4°32	6°32	17°11	18°52	7°13	10°28	15°54	9°32	9°14	11°13	n.a.	S 24
M25	11 19 27	21°30'56	14°13	8°26	5°31	7° 9	17°11	18°48	7°16	10°30	15°54	9°32	9°11	11°20	n.a.	M25
T 26	11 23 23	22°28'50	28°41	8°35	6°31	7°46	17°10	18°45	7°19	10°31	15°55	9°33	9° 7	11°27	n.a.	T 26
W27	11 27 20	23°26'42	13♒22	8°R39	7°31	8°23	17°D10	18°42	7°21	10°33	15°55	9°34	9° 4	11°33	n.a.	W27
T 28	11 31 16	24°24'32	28°11	8°38	8°32	9° 1	17°11	18°38	7°24	10°35	15°55	9°35	9° 1	11°40	n.a.	T 28
F 29	11 35 13	25°22'21	13♓ 2	8°31	9°33	9°38	17°11	18°35	7°26	10°37	15°55	9°R35	8°58	11°47	n.a.	F 29
S 30	11 39 9	26°20'08	27°47	8°20	10°34	10°15	17°12	18°32	7°29	10°38	15°R55	9°34	8°55	11°53	n.a.	S 30
S 31	11 43 6	27♓17'54	12♈18	8♈ 5	11♒36	10♉52	17♋12	18♌29	7♒31	10♒40	15♐55	9♓33	8♓52	12♌ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s18	10s24	0s27	7s43	0n23	19s56	3n13	9n32	0n45	23n56	1n20	17n14	2n27	19s46	0s42	19s15	1s 9	26s 5	3s 1	8s 7	7s47	21n 2		n.a.
S 2	11 58	3 21	0n55	6 47	0 34	19 58	3 6	9 46	0 46	23 56	1 20	17 16	2 27	19 45	0 42	19 14	1 9	26 5	3 1	8 7	7 48	20 59		n.a.
S 3	11 37	3n43	2 13	5 51	0 46	20 1	2 58	10 1	0 46	23 57	1 20	17 17	2 27	19 44	0 42	19 14	1 9	26 5	3 1	8 7	7 49	20 57		n.a.
M 4	11 16	10 24	3 19	4 56	0 58	20 3	2 50	10 15	0 47	23 57	1 20	17 19	2 27	19 44	0 42	19 13	1 9	26 6	3 1	8 7	7 51	20 54		n.a.
T 5	10 54	16 23	4 12	4 2	1 10	20 4	2 43	10 29	0 47	23 58	1 20	17 20	2 27	19 43	0 42	19 13	1 9	26 6	3 1	8 7	7 52	20 52		n.a.
W 6	10 33	21 23	4 50	3 9	1 21	20 5	2 35	10 44	0 48	23 58	1 20	17 22	2 27	19 42	0 42	19 12	1 9	26 6	3 2	8 6	7 53	20 49		n.a.
T 7	10 11	25 13	5 11	2 18	1 32	20 6	2 28	10 58	0 48	23 59	1 19	17 23	2 27	19 41	0 42	19 12	1 9	26 6	3 2	8 6	7 54	20 47		n.a.
F 8	9 50	27 44	5 17	1 28	1 43	20 6	2 20	11 12	0 48	23 59	1 19	17 25	2 27	19 40	0 42	19 11	1 9	26 7	3 2	8 6	7 55	20 44		n.a.
S 9	9 28	28 50	5 8	0 40	1 54	20 5	2 13	11 26	0 49	23 59	1 19	17 26	2 27	19 40	0 42	19 10	1 9	26 7	3 2	8 6	7 57	20 41		n.a.
S 10	9 6	28 31	4 46	0n 6	2 4	20 4	2 6	11 40	0 49	24 0	1 19	17 27	2 27	19 39	0 42	19 10	1 9	26 7	3 2	8 7	7 58	20 39		n.a.
M11	8 44	26 53	4 11	0 49	2 13	20 3	1 58	11 54	0 50	24 0	1 19	17 29	2 27	19 38	0 42	19 9	1 9	26 7	3 3	8 7	7 59	20 36		n.a.
T 12	8 22	24 4	3 26	1 30	2 22	20 1	1 51	12 8	0 50	24 0	1 19	17 30	2 26	19 37	0 42	19 9	1 9	26 7	3 3	8 7	8 0	20 34		n.a.
W13	7 59	20 15	2 33	2 9	2 30	19 58	1 44	12 21	0 51	24 0	1 19	17 31	2 26	19 37	0 42	19 8	1 9	26 8	3 3	8 7	8 2	20 31		n.a.
T 14	7 37	15 37	1 32	2 45	2 37	19 55	1 38	12 35	0 51	24 1	1 19	17 33	2 26	19 36	0 42	19 8	1 9	26 8	3 3	8 7	8 3	20 29		n.a.
F 15	7 15	10 24	0 27	3 18	2 44	19 52	1 31	12 49	0 51	24 1	1 19	17 34	2 26	19 35	0 42	19 7	1 9	26 8	3 3	8 7	8 4	20 26		n.a.
S 16	6 52	4 45	0s39	3 49	2 50	19 48	1 24	13 2	0 52	24 1	1 18	17 35	2 26	19 34	0 42	19 7	1 9	26 8	3 3	8 7	8 5	20 23		n.a.
S 17	6 29	1s 7	1 45	4 17	2 55	19 43	1 17	13 16	0 52	24 1	1 18	17 36	2 26	19 34	0 42	19 6	1 10	26 9	3 4	8 7	8 6	20 21		n.a.
M18	6 7	7 1	2 46	4 41	2 59	19 38	1 11	13 29	0 53	24 1	1 18	17 38	2 26	19 33	0 43	19 6	1 10	26 9	3 4	8 7	8 8	20 18		n.a.
T 19	5 44	12 44	3 41	5 3	3 2	19 32	1 4	13 42	0 53	24 1	1 18	17 39	2 26	19 32	0 43	19 5	1 10	26 9	3 4	8 7	8 9	20 16		n.a.
W20	5 21	18 2	4 25	5 22	3 4	19 26	0 58	13 56	0 53	24 1	1 18	17 40	2 26	19 32	0 43	19 5	1 10	26 9	3 4	8 7	8 10	20 13		n.a.
T 21	4 58	22 38	4 58	5 37	3 5	19 19	0 52	14 9	0 54	24 1	1 18	17 41	2 26	19 31	0 43	19 4	1 10	26 9	3 4	8 8	8 11	20 10		n.a.
F 22	4 35	26 11	5 15	5 49	3 5	19 12	0 46	14 22	0 54	24 1	1 18	17 42	2 26	19 30	0 43	19 4	1 10	26 10	3 4	8 8	8 13	20 8		n.a.
S 23	4 12	28 21	5 15	5 58	3 3	19 4	0 40	14 35	0 54	24 1	1 18	17 43	2 26	19 30	0 43	19 3	1 10	26 10	3 5	8 8	8 14	20 5		n.a.
S 24	3 49	28 49	4 57	6 4	3 1	18 55	0 34	14 48	0 55	24 1	1 17	17 44	2 26	19 29	0 43	19 3	1 10	26 10	3 5	8 8	8 15	20 2		n.a.
M25	3 25	27 25	4 21	6 6	2 57	18 46	0 28	15 1	0 55	24 1	1 17	17 45	2 26	19 28	0 43	19 2	1 10	26 10	3 5	8 8	8 16	20 0		n.a.
T 26	3 2	24 10	3 28	6 6	2 52	18 37	0 22	15 13	0 55	24 1	1 17	17 46	2 26	19 28	0 43	19 2	1 10	26 10	3 5	8 8	8 17	19 57		n.a.
W27	2 39	19 20	2 20	6 2	2 46	18 27	0 17	15 26	0 56	24 1	1 17	17 47	2 25	19 27	0 43	19 1	1 10	26 11	3 5	8 7	8 19	19 54		n.a.
T 28	2 16	13 18	1 3	5 54	2 39	18 16	0 11	15 38	0 56	24 1	1 17	17 48	2 25	19 26	0 43	19 1	1 10	26 11	3 5	8 7	8 20	19 52		n.a.
F 29	1 52	6 29	0n19	5 44	2 31	18 5	0 6	15 51	0 56	24 0	1 17	17 49	2 25	19 26	0 43	19 0	1 10	26 11	3 6	8 7	8 21	19 49		n.a.
S 30	1 29	0n36	1 39	5 31	2 21	17 53	0 1	16 3	0 57	24 0	1 17	17 50	2 25	19 25	0 43	19 0	1 10	26 11	3 6	8 7	8 22	19 47		n.a.
S 31	1s 6	7n34	2n51	5n15	2n10	17s41	0s 4	16n15	0n57	24n 0	1n16	17n51	2n25	19s24	0s43	19s 0	1s10	26s11	3s 6	8s 8	8s23	19n44		n.a.

Julian Day Number = 1196618.5, Delta T = 09h26m46s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°54'03, Lahiri = -23°47'03 Julian Calendar 1 March 1437 BCE == Greg. Calendar 17 Feb. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

APRIL 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 47 3	28♓15'38	26♈31	7°R46	12♒37	11♉29	17♋13	18°R26	7♒34	10♒42	15°R55	9°R31	8♓48	12♌ 7	n.a.	M 1
T 2	11 50 59	29°13'21	10♉21	7♈22	13°39	12° 7	17°14	18♌23	7°36	10°43	15♐55	9♓28	8°45	12°13	n.a.	T 2
W 3	11 54 56	0♈11'01	23°46	6°56	14°42	12°44	17°15	18°20	7°39	10°45	15°55	9°25	8°42	12°20	n.a.	W 3
T 4	11 58 52	1° 8'41	6♊46	6°26	15°44	13°21	17°17	18°17	7°41	10°47	15°54	9°23	8°39	12°27	n.a.	T 4
F 5	12 2 49	2° 6'18	19°24	5°55	16°47	13°58	17°19	18°15	7°43	10°48	15°54	9°21	8°36	12°33	n.a.	F 5
S 6	12 6 45	3° 3'54	1♋43	5°21	17°50	14°36	17°20	18°12	7°46	10°50	15°54	9°D21	8°32	12°40	n.a.	S 6
S 7	12 10 42	4° 1'28	13°47	4°46	18°53	15°13	17°22	18°10	7°48	10°51	15°54	9°21	8°29	12°47	n.a.	S 7
M 8	12 14 38	4°59'01	25°42	4°11	19°57	15°50	17°24	18° 7	7°50	10°53	15°54	9°22	8°26	12°53	n.a.	M 8
T 9	12 18 35	5°56'32	7♌31	3°36	21° 0	16°27	17°27	18° 5	7°52	10°54	15°53	9°24	8°23	13° 0	n.a.	T 9
W10	12 22 32	6°54'01	19°20	3° 2	22° 4	17° 5	17°29	18° 2	7°54	10°56	15°53	9°26	8°20	13° 7	n.a.	W10
T 11	12 26 28	7°51'29	1♍12	2°29	23° 8	17°42	17°32	18° 0	7°57	10°57	15°53	9°27	8°17	13°13	n.a.	T 11
F 12	12 30 25	8°48'55	13°12	1°57	24°12	18°19	17°35	17°58	7°59	10°59	15°53	9°R27	8°13	13°20	n.a.	F 12
S 13	12 34 21	9°46'20	25°22	1°28	25°17	18°56	17°38	17°56	8° 1	11° 0	15°52	9°26	8°10	13°27	n.a.	S 13
S 14	12 38 18	10°43'44	7♎45	1° 2	26°21	19°34	17°41	17°54	8° 3	11° 1	15°52	9°23	8° 7	13°33	n.a.	S 14
M15	12 42 14	11°41'06	20°21	0°39	27°26	20°11	17°44	17°53	8° 4	11° 3	15°51	9°19	8° 4	13°40	n.a.	M15
T 16	12 46 11	12°38'28	3♏11	0°20	28°31	20°48	17°48	17°51	8° 6	11° 4	15°51	9°14	8° 1	13°47	n.a.	T 16
W17	12 50 7	13°35'48	16°15	0° 4	29°37	21°26	17°52	17°49	8° 8	11° 5	15°50	9° 9	7°58	13°53	n.a.	W17
T 18	12 54 4	14°33'08	29°33	29♓53	0♓42	22° 3	17°55	17°48	8°10	11° 7	15°50	9° 4	7°54	14° 0	n.a.	T 18
F 19	12 58 1	15°30'27	13♐ 4	29°45	1°47	22°40	17°59	17°46	8°12	11° 8	15°49	8°59	7°51	14° 7	n.a.	F 19
S 20	13 1 57	16°27'45	26°47	29°D43	2°53	23°17	18° 4	17°45	8°14	11° 9	15°49	8°56	7°48	14°13	n.a.	S 20
S 21	13 5 54	17°25'03	10♑41	29°44	3°59	23°55	18° 8	17°44	8°15	11°10	15°48	8°54	7°45	14°20	n.a.	S 21
M22	13 9 50	18°22'20	24°45	29°50	5° 5	24°32	18°12	17°42	8°17	11°11	15°48	8°D54	7°42	14°27	n.a.	M22
T 23	13 13 47	19°19'36	8♒58	0♈ 1	6°11	25° 9	18°17	17°41	8°18	11°12	15°47	8°55	7°38	14°33	n.a.	T 23
W24	13 17 43	20°16'51	23°19	0°16	7°18	25°47	18°22	17°40	8°20	11°14	15°46	8°57	7°35	14°40	n.a.	W24
T 25	13 21 40	21°14'06	7♓44	0°35	8°24	26°24	18°27	17°40	8°22	11°15	15°46	8°R57	7°32	14°47	n.a.	T 25
F 26	13 25 36	22°11'20	22°10	0°59	9°31	27° 1	18°32	17°39	8°23	11°16	15°45	8°57	7°29	14°53	n.a.	F 26
S 27	13 29 33	23° 8'34	6♈32	1°28	10°37	27°39	18°37	17°38	8°24	11°17	15°44	8°54	7°26	15° 0	n.a.	S 27
S 28	13 33 30	24° 5'47	20°46	2° 0	11°44	28°16	18°43	17°37	8°26	11°18	15°44	8°49	7°23	15° 6	n.a.	S 28
M29	13 37 26	25° 2'59	4♉46	2°37	12°51	28°53	18°48	17°37	8°27	11°19	15°43	8°43	7°19	15°13	n.a.	M29
T 30	13 41 23	26♈ 0'11	18♉28	3♈18	13♓58	29♉31	18♋54	17♌37	8♒28	11♒19	15♐42	8♓35	7♓16	15♌20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s42	13n59	3n51	4n56	1n58	17s28	0s10	16n27	0n57	24n 0	1n16	17n52	2n25	19s24	0s43	18s59	1s10	26s11	3s 6	8s 9	8s25	19n41		n.a.
T 2	0 19	19 32	4 36	4 35	1 45	17 15	0 15	16 39	0 58	23 59	1 16	17 53	2 25	19 23	0 43	18 59	1 10	26 12	3 6	8 10	8 26	19 39		n.a.
W 3	0n 4	23 56	5 4	4 11	1 31	17 1	0 19	16 51	0 58	23 59	1 16	17 53	2 25	19 23	0 43	18 58	1 10	26 12	3 7	8 11	8 27	19 36		n.a.
T 4	0 28	27 0	5 15	3 46	1 16	16 47	0 24	17 3	0 58	23 59	1 16	17 54	2 25	19 22	0 43	18 58	1 10	26 12	3 7	8 11	8 28	19 33		n.a.
F 5	0 51	28 35	5 10	3 19	1 1	16 32	0 29	17 15	0 59	23 58	1 16	17 55	2 24	19 21	0 43	18 57	1 10	26 12	3 7	8 12	8 30	19 30		n.a.
S 6	1 14	28 43	4 52	2 50	0 44	16 17	0 33	17 26	0 59	23 58	1 16	17 56	2 24	19 21	0 43	18 57	1 10	26 12	3 7	8 12	8 31	19 28		n.a.
S 7	1 38	27 27	4 20	2 21	0 28	16 2	0 38	17 38	0 59	23 58	1 15	17 56	2 24	19 20	0 43	18 57	1 10	26 12	3 7	8 12	8 32	19 25		n.a.
M 8	2 1	24 57	3 38	1 52	0 11	15 45	0 42	17 49	1 0	23 57	1 15	17 57	2 24	19 20	0 43	18 56	1 10	26 13	3 7	8 12	8 33	19 22		n.a.
T 9	2 24	21 24	2 47	1 22	0s 6	15 29	0 46	18 0	1 0	23 57	1 15	17 58	2 24	19 19	0 43	18 56	1 10	26 13	3 8	8 11	8 34	19 20		n.a.
W10	2 47	17 0	1 48	0 53	0 23	15 12	0 50	18 12	1 0	23 56	1 15	17 58	2 24	19 19	0 43	18 56	1 10	26 13	3 8	8 10	8 36	19 17		n.a.
T 11	3 10	11 56	0 45	0 24	0 40	14 54	0 54	18 23	1 0	23 56	1 15	17 59	2 24	19 18	0 43	18 55	1 10	26 13	3 8	8 10	8 37	19 14		n.a.
F 12	3 33	6 24	0s21	0s 4	0 56	14 36	0 58	18 33	1 1	23 55	1 15	17 59	2 23	19 18	0 43	18 55	1 10	26 13	3 8	8 10	8 38	19 11		n.a.
S 13	3 56	0 33	1 26	0 30	1 12	14 18	1 2	18 44	1 1	23 55	1 15	18 0	2 23	19 17	0 43	18 54	1 11	26 13	3 8	8 10	8 39	19 9		n.a.
S 14	4 19	5s24	2 29	0 55	1 28	13 59	1 6	18 55	1 1	23 54	1 14	18 0	2 23	19 17	0 43	18 54	1 11	26 13	3 8	8 11	8 40	19 6		n.a.
M15	4 42	11 14	3 25	1 18	1 42	13 39	1 9	19 5	1 1	23 54	1 14	18 1	2 23	19 16	0 43	18 54	1 11	26 13	3 9	8 13	8 42	19 3		n.a.
T 16	5 5	16 44	4 12	1 38	1 56	13 20	1 12	19 16	1 2	23 53	1 14	18 1	2 23	19 16	0 43	18 53	1 11	26 14	3 9	8 15	8 43	19 1		n.a.
W17	5 27	21 34	4 47	1 56	2 9	12 59	1 16	19 26	1 2	23 52	1 14	18 1	2 23	19 15	0 43	18 53	1 11	26 14	3 9	8 17	8 44	18 58		n.a.
T 18	5 50	25 24	5 7	2 12	2 21	12 39	1 19	19 36	1 2	23 52	1 14	18 2	2 22	19 15	0 43	18 53	1 11	26 14	3 9	8 19	8 45	18 55		n.a.
F 19	6 13	27 54	5 10	2 25	2 32	12 18	1 22	19 46	1 2	23 51	1 14	18 2	2 22	19 14	0 43	18 53	1 11	26 14	3 9	8 21	8 46	18 52		n.a.
S 20	6 35	28 46	4 56	2 36	2 42	11 57	1 25	19 56	1 3	23 50	1 14	18 2	2 22	19 14	0 44	18 52	1 11	26 14	3 9	8 22	8 48	18 50		n.a.
S 21	6 57	27 49	4 25	2 43	2 51	11 35	1 28	20 6	1 3	23 50	1 13	18 2	2 22	19 14	0 44	18 52	1 11	26 14	3 10	8 22	8 49	18 47		n.a.
M22	7 20	25 7	3 37	2 48	2 59	11 13	1 31	20 16	1 3	23 49	1 13	18 3	2 22	19 13	0 44	18 52	1 11	26 14	3 10	8 22	8 50	18 44		n.a.
T 23	7 42	20 50	2 36	2 50	3 6	10 51	1 33	20 25	1 3	23 48	1 13	18 3	2 22	19 13	0 44	18 51	1 11	26 14	3 10	8 22	8 51	18 41		n.a.
W24	8 4	15 18	1 24	2 49	3 12	10 28	1 36	20 34	1 4	23 47	1 13	18 3	2 21	19 12	0 44	18 51	1 11	26 14	3 10	8 22	8 52	18 38		n.a.
T 25	8 26	8 55	0 7	2 46	3 17	10 5	1 38	20 44	1 4	23 46	1 13	18 3	2 21	19 12	0 44	18 51	1 11	26 15	3 10	8 21	8 54	18 36		n.a.
F 26	8 47	2 5	1n11	2 40	3 21	9 41	1 41	20 53	1 4	23 45	1 13	18 3	2 21	19 12	0 44	18 51	1 11	26 15	3 10	8 22	8 55	18 33		n.a.
S 27	9 9	4n50	2 24	2 31	3 24	9 18	1 43	21 2	1 4	23 45	1 13	18 3	2 21	19 11	0 44	18 50	1 11	26 15	3 11	8 23	8 56	18 30		n.a.
S 28	9 30	11 26	3 27	2 20	3 26	8 54	1 45	21 10	1 4	23 44	1 12	18 3	2 21	19 11	0 44	18 50	1 11	26 15	3 11	8 24	8 57	18 27		n.a.
M29	9 52	17 20	4 16	2 6	3 27	8 29	1 47	21 19	1 5	23 43	1 12	18 3	2 21	19 11	0 44	18 50	1 11	26 15	3 11	8 27	8 58	18 25		n.a.
T 30	10n13	22n15	4n49	1s50	3s27	8s 5	1s49	21n28	1n 5	23n42	1n12	18n 3	2n20	19s10	0s44	18s50	1s11	26s15	3s11	8s30	9s 0	18n22		n.a.

Julian Day Number = 1196649.5, Delta T = 09h26m44s
Ecliptic obliquity = 23°51'59, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'59, Lahiri = -23°46'58 Julian Calendar 1 Apr. 1437 BCE == Greg. Calendar 19 March 1437 BCE

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

MAY 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 45 19	26♈57'22	1♊49	4♈ 2	15♓ 6	0♊ 8	19♋ 0	17°R36	8♒30	11♒20	15°R41	8°R27	7♓13	15♌26	n.a.	W 1
T 2	13 49 16	27°54'32	14°48	4°51	16°13	0°46	19° 6	17♌36	8°31	11°21	15♐40	8♓20	7°10	15°33	n.a.	T 2
F 3	13 53 12	28°51'41	27°26	5°43	17°20	1°23	19°12	17°D36	8°32	11°22	15°40	8°14	7° 7	15°40	n.a.	F 3
S 4	13 57 9	29°48'50	9♋46	6°40	18°28	2° 0	19°18	17°36	8°33	11°23	15°39	8°10	7° 3	15°46	n.a.	S 4
S 5	14 1 5	0♉45'58	21°50	7°39	19°36	2°38	19°25	17°36	8°34	11°23	15°38	8° 8	7° 0	15°53	n.a.	S 5
M 6	14 5 2	1°43'05	3♌45	8°43	20°44	3°15	19°31	17°36	8°35	11°24	15°37	8°D 8	6°57	16° 0	n.a.	M 6
T 7	14 8 59	2°40'11	15°35	9°50	21°51	3°53	19°38	17°37	8°36	11°25	15°36	8° 8	6°54	16° 6	n.a.	T 7
W 8	14 12 55	3°37'16	27°24	11° 0	22°59	4°30	19°45	17°37	8°37	11°26	15°35	8° 9	6°51	16°13	n.a.	W 8
T 9	14 16 52	4°34'21	9♍19	12°14	24° 8	5° 7	19°52	17°38	8°38	11°26	15°34	8°R10	6°48	16°20	n.a.	T 9
F 10	14 20 48	5°31'25	21°24	13°31	25°16	5°45	19°59	17°38	8°39	11°27	15°33	8° 9	6°44	16°26	n.a.	F 10
S 11	14 24 45	6°28'29	3♎43	14°52	26°24	6°22	20° 6	17°39	8°40	11°27	15°32	8° 6	6°41	16°33	n.a.	S 11
S 12	14 28 41	7°25'32	16°18	16°16	27°33	7° 0	20°13	17°40	8°40	11°28	15°31	8° 0	6°38	16°40	n.a.	S 12
M13	14 32 38	8°22'35	29°12	17°43	28°41	7°37	20°21	17°41	8°41	11°28	15°30	7°53	6°35	16°46	n.a.	M13
T 14	14 36 35	9°19'38	12♏23	19°14	29°50	8°15	20°28	17°42	8°42	11°29	15°29	7°44	6°32	16°53	n.a.	T 14
W15	14 40 31	10°16'41	25°52	20°47	0♈58	8°52	20°36	17°43	8°42	11°29	15°28	7°34	6°29	17° 0	n.a.	W15
T 16	14 44 28	11°13'44	9♐34	22°24	2° 7	9°30	20°44	17°44	8°43	11°30	15°27	7°24	6°25	17° 6	n.a.	T 16
F 17	14 48 24	12°10'46	23°28	24° 4	3°16	10° 7	20°52	17°45	8°43	11°30	15°26	7°15	6°22	17°13	n.a.	F 17
S 18	14 52 21	13° 7'49	7♑29	25°47	4°25	10°45	21° 0	17°47	8°44	11°30	15°24	7° 8	6°19	17°20	n.a.	S 18
S 19	14 56 17	14° 4'52	21°35	27°33	5°34	11°22	21° 8	17°48	8°44	11°31	15°23	7° 4	6°16	17°26	n.a.	S 19
M20	15 0 14	15° 1'55	5♒43	29°22	6°43	12° 0	21°16	17°50	8°45	11°31	15°22	7° 2	6°13	17°33	n.a.	M20
T 21	15 4 10	15°58'59	19°52	1♉13	7°53	12°37	21°25	17°51	8°45	11°31	15°21	7°D 2	6° 9	17°40	n.a.	T 21
W22	15 8 7	16°56'03	4♓ 0	3° 8	9° 2	13°15	21°33	17°53	8°45	11°31	15°20	7°R 2	6° 6	17°46	n.a.	W22
T 23	15 12 4	17°53'07	18° 6	5° 5	10°11	13°52	21°42	17°55	8°45	11°31	15°19	7° 2	6° 3	17°53	n.a.	T 23
F 24	15 16 0	18°50'12	2♈ 8	7° 4	11°21	14°30	21°51	17°57	8°46	11°32	15°17	7° 0	6° 0	18° 0	n.a.	F 24
S 25	15 19 57	19°47'17	16° 6	9° 5	12°31	15° 8	22° 0	17°59	8°46	11°32	15°16	6°55	5°57	18° 6	n.a.	S 25
S 26	15 23 53	20°44'22	29°55	11° 9	13°40	15°45	22° 9	18° 1	8°46	11°32	15°15	6°48	5°54	18°13	n.a.	S 26
M27	15 27 50	21°41'28	13♉33	13°14	14°50	16°23	22°18	18° 3	8°R46	11°32	15°14	6°38	5°50	18°19	n.a.	M27
T 28	15 31 46	22°38'34	26°57	15°20	16° 0	17° 0	22°27	18° 6	8°46	11°R32	15°12	6°27	5°47	18°26	n.a.	T 28
W29	15 35 43	23°35'40	10♊ 5	17°28	17°10	17°38	22°36	18° 8	8°46	11°32	15°11	6°15	5°44	18°33	n.a.	W29
T 30	15 39 40	24°32'47	22°55	19°36	18°20	18°16	22°46	18°11	8°45	11°32	15°10	6° 3	5°41	18°39	n.a.	T 30
F 31	15 43 36	25♉29'54	5♋28	21♉45	19♈30	18♊53	22♋55	18♌13	8♒45	11♒32	15♐ 8	5♓53	5♓38	18♌46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	10n34	25n52	5n 5	1s31	3s27	7s40	1s50	21n36	1n 5	23n41	1n12	18n 3	2n20	19s10	0s44	18s50	1s11	26s15	3s11	8s33	9s 1	18n19			n.a.
T 2	10 55	28 2	5 6	1 10	3 25	7 15	1 52	21 44	1 5	23 40	1 12	18 3	2 20	19 10	0 44	18 49	1 11	26 15	3 11	8 35	9 2	18 16			n.a.
F 3	11 16	28 41	4 51	0 47	3 23	6 50	1 54	21 52	1 5	23 39	1 12	18 3	2 20	19 9	0 44	18 49	1 11	26 15	3 12	8 38	9 3	18 13			n.a.
S 4	11 36	27 52	4 22	0 21	3 20	6 24	1 55	22 0	1 6	23 38	1 12	18 3	2 20	19 9	0 44	18 49	1 12	26 15	3 12	8 39	9 4	18 11			n.a.
S 5	11 57	25 43	3 43	0n 6	3 16	5 58	1 56	22 8	1 6	23 37	1 11	18 2	2 19	19 9	0 44	18 49	1 12	26 15	3 12	8 40	9 6	18 8			n.a.
M 6	12 17	22 29	2 54	0 36	3 11	5 32	1 58	22 16	1 6	23 36	1 11	18 2	2 19	19 9	0 44	18 49	1 12	26 15	3 12	8 40	9 7	18 5			n.a.
T 7	12 37	18 20	1 58	1 7	3 6	5 6	1 59	22 23	1 6	23 35	1 11	18 2	2 19	19 9	0 44	18 49	1 12	26 15	3 12	8 40	9 8	18 2			n.a.
W 8	12 57	13 29	0 58	1 41	3 0	4 40	2 0	22 30	1 6	23 33	1 11	18 2	2 19	19 8	0 44	18 48	1 12	26 15	3 12	8 40	9 9	17 59			n.a.
T 9	13 16	8 7	0s 6	2 16	2 53	4 13	2 1	22 37	1 6	23 32	1 11	18 1	2 19	19 8	0 44	18 48	1 12	26 15	3 12	8 39	9 10	17 56			n.a.
F 10	13 36	2 23	1 10	2 53	2 46	3 46	2 2	22 44	1 7	23 31	1 11	18 1	2 19	19 8	0 44	18 48	1 12	26 15	3 13	8 40	9 12	17 54			n.a.
S 11	13 55	3s31	2 12	3 32	2 38	3 19	2 2	22 51	1 7	23 30	1 11	18 0	2 18	19 8	0 44	18 48	1 12	26 15	3 13	8 41	9 13	17 51			n.a.
S 12	14 14	9 26	3 9	4 13	2 30	2 52	2 3	22 58	1 7	23 29	1 11	18 0	2 18	19 8	0 44	18 48	1 12	26 15	3 13	8 43	9 14	17 48			n.a.
M13	14 33	15 5	3 58	4 54	2 21	2 25	2 4	23 4	1 7	23 27	1 11	18 0	2 18	19 7	0 44	18 48	1 12	26 15	3 13	8 46	9 15	17 45			n.a.
T 14	14 51	20 10	4 35	5 38	2 12	1 58	2 4	23 11	1 7	23 26	1 10	17 59	2 18	19 7	0 44	18 48	1 12	26 16	3 13	8 49	9 16	17 42			n.a.
W15	15 10	24 22	4 57	6 23	2 2	1 30	2 4	23 17	1 7	23 25	1 10	17 59	2 18	19 7	0 44	18 48	1 12	26 16	3 13	8 53	9 18	17 39			n.a.
T 16	15 28	27 16	5 3	7 9	1 52	1 3	2 5	23 23	1 8	23 23	1 10	17 58	2 17	19 7	0 45	18 48	1 12	26 16	3 13	8 57	9 19	17 36			n.a.
F 17	15 46	28 33	4 51	7 56	1 41	0 35	2 5	23 29	1 8	23 22	1 10	17 57	2 17	19 7	0 45	18 48	1 12	26 16	3 14	9 0	9 20	17 34			n.a.
S 18	16 3	28 1	4 22	8 44	1 30	0 7	2 5	23 34	1 8	23 21	1 10	17 57	2 17	19 7	0 45	18 48	1 12	26 16	3 14	9 3	9 21	17 31			n.a.
S 19	16 21	25 40	3 37	9 33	1 19	0n21	2 5	23 40	1 8	23 19	1 10	17 56	2 17	19 7	0 45	18 48	1 12	26 16	3 14	9 4	9 22	17 28			n.a.
M20	16 38	21 44	2 38	10 23	1 8	0 49	2 5	23 45	1 8	23 18	1 10	17 55	2 17	19 7	0 45	18 48	1 12	26 16	3 14	9 5	9 24	17 25			n.a.
T 21	16 55	16 32	1 30	11 13	0 57	1 17	2 4	23 50	1 8	23 16	1 10	17 55	2 16	19 7	0 45	18 48	1 12	26 16	3 14	9 5	9 25	17 22			n.a.
W22	17 12	10 28	0 16	12 4	0 45	1 45	2 4	23 55	1 8	23 15	1 10	17 54	2 16	19 7	0 45	18 48	1 12	26 16	3 14	9 5	9 26	17 19			n.a.
T 23	17 28	3 54	0n58	12 55	0 34	2 13	2 4	24 0	1 8	23 13	1 9	17 53	2 16	19 7	0 45	18 48	1 12	26 16	3 14	9 5	9 27	17 16			n.a.
F 24	17 44	2n50	2 9	13 46	0 22	2 41	2 3	24 5	1 9	23 12	1 9	17 52	2 16	19 7	0 45	18 48	1 13	26 16	3 15	9 6	9 28	17 13			n.a.
S 25	18 0	9 22	3 11	14 36	0 11	3 9	2 3	24 9	1 9	23 10	1 9	17 52	2 16	19 7	0 45	18 48	1 13	26 16	3 15	9 8	9 30	17 11			n.a.
S 26	18 15	15 24	4 2	15 27	0n 0	3 37	2 2	24 14	1 9	23 9	1 9	17 51	2 16	19 7	0 45	18 48	1 13	26 16	3 15	9 10	9 31	17 8			n.a.
M27	18 31	20 35	4 37	16 16	0 11	4 5	2 1	24 18	1 9	23 7	1 9	17 50	2 15	19 7	0 45	18 48	1 13	26 15	3 15	9 14	9 32	17 5			n.a.
T 28	18 46	24 38	4 57	17 4	0 22	4 33	2 0	24 22	1 9	23 5	1 9	17 49	2 15	19 7	0 45	18 48	1 13	26 15	3 15	9 18	9 33	17 2			n.a.
W29	19 0	27 18	5 0	17 51	0 32	5 1	2 0	24 26	1 9	23 4	1 9	17 48	2 15	19 7	0 45	18 48	1 13	26 15	3 15	9 23	9 34	16 59			n.a.
T 30	19 15	28 28	4 48	18 37	0 42	5 29	1 59	24 29	1 9	23 2	1 9	17 47	2 15	19 7	0 45	18 48	1 13	26 15	3 15	9 27	9 35	16 56			n.a.
F 31	19n29	28n 7	4n22	19n21	0n51	5n57	1s58	24n33	1n 9	23n 0	1n 9	17n46	2n15	19s 7	0s45	18s48	1s13	26s15	3s15	9s31	9s37	16n53			n.a.

Julian Day Number = 1196679.5, Delta T = 09h26m42s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'55, Lahiri = -23°46'54 Julian Calendar 1 May 1437 BCE == Greg. Calendar 18 Apr. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

JUNE 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 47 33	26♉27'01	17♋44	23♉54	20♈40	19♊31	23♋ 5	18♌16	8°R45	11°R32	15°R 7	5°R46	5♓35	18♌53	n.a.	S 1
S 2	15 51 29	27°24'09	29°46	26° 3	21°50	20° 9	23°14	18°19	8♒45	11♒31	15♐ 6	5♓41	5°31	18°59	n.a.	S 2
M 3	15 55 26	28°21'16	11♌40	28°12	23° 0	20°46	23°24	18°22	8°45	11°31	15° 4	5°38	5°28	19° 6	n.a.	M 3
T 4	15 59 22	29°18'24	23°29	0♊20	24°11	21°24	23°34	18°24	8°44	11°31	15° 3	5°37	5°25	19°13	n.a.	T 4
W 5	16 3 19	0♊15'32	5♍18	2°28	25°21	22° 2	23°44	18°27	8°44	11°31	15° 2	5°37	5°22	19°19	n.a.	W 5
T 6	16 7 15	1°12'40	17°14	4°34	26°32	22°40	23°54	18°31	8°43	11°30	15° 0	5°37	5°19	19°26	n.a.	T 6
F 7	16 11 12	2° 9'49	29°21	6°40	27°42	23°17	24° 4	18°34	8°43	11°30	14°59	5°35	5°15	19°33	n.a.	F 7
S 8	16 15 9	3° 6'58	11♎45	8°44	28°53	23°55	24°14	18°37	8°42	11°30	14°58	5°32	5°12	19°39	n.a.	S 8
S 9	16 19 5	4° 4'08	24°29	10°47	0♏ 4	24°33	24°25	18°41	8°42	11°29	14°56	5°25	5° 9	19°46	n.a.	S 9
M10	16 23 2	5° 1'18	7♏34	12°48	1°14	25°11	24°35	18°44	8°41	11°29	14°55	5°17	5° 6	19°53	n.a.	M10
T 11	16 26 58	5°58'29	21° 3	14°48	2°25	25°49	24°46	18°48	8°40	11°29	14°53	5° 6	5° 3	19°59	n.a.	T 11
W12	16 30 55	6°55'40	4♐53	16°46	3°36	26°26	24°56	18°51	8°40	11°28	14°52	4°54	5° 0	20° 6	n.a.	W12
T 13	16 34 51	7°52'52	19° 1	18°43	4°47	27° 4	25° 7	18°55	8°39	11°28	14°51	4°43	4°56	20°13	n.a.	T 13
F 14	16 38 48	8°50'06	3♑21	20°38	5°58	27°42	25°17	18°59	8°38	11°27	14°49	4°33	4°53	20°19	n.a.	F 14
S 15	16 42 45	9°47'20	17°46	22°31	7° 9	28°20	25°28	19° 3	8°37	11°26	14°48	4°25	4°50	20°26	n.a.	S 15
S 16	16 46 41	10°44'35	2♒13	24°23	8°20	28°58	25°39	19° 6	8°36	11°26	14°46	4°20	4°47	20°33	n.a.	S 16
M17	16 50 38	11°41'52	16°35	26°13	9°32	29°36	25°50	19°10	8°35	11°25	14°45	4°17	4°44	20°39	n.a.	M17
T 18	16 54 34	12°39'09	0♓50	28° 1	10°43	0♋14	26° 1	19°15	8°34	11°25	14°44	4°D16	4°41	20°46	n.a.	T 18
W19	16 58 31	13°36'28	14°56	29°48	11°54	0°52	26°12	19°19	8°33	11°24	14°42	4°R16	4°37	20°52	n.a.	W19
T 20	17 2 27	14°33'48	28°53	1♋33	13° 6	1°30	26°23	19°23	8°32	11°23	14°41	4°16	4°34	20°59	n.a.	T 20
F 21	17 6 24	15°31'10	12♈39	3°17	14°17	2° 8	26°35	19°27	8°31	11°22	14°39	4°14	4°31	21° 6	n.a.	F 21
S 22	17 10 20	16°28'33	26°16	4°58	15°29	2°46	26°46	19°32	8°30	11°22	14°38	4° 9	4°28	21°12	n.a.	S 22
S 23	17 14 17	17°25'57	9♉42	6°38	16°40	3°24	26°57	19°36	8°28	11°21	14°36	4° 1	4°25	21°19	n.a.	S 23
M24	17 18 14	18°23'23	22°57	8°17	17°52	4° 2	27° 9	19°41	8°27	11°20	14°35	3°51	4°21	21°26	n.a.	M24
T 25	17 22 10	19°20'50	5♊59	9°53	19° 4	4°40	27°20	19°45	8°26	11°19	14°34	3°40	4°18	21°32	n.a.	T 25
W26	17 26 7	20°18'18	18°49	11°29	20°16	5°18	27°32	19°50	8°25	11°18	14°32	3°27	4°15	21°39	n.a.	W26
T 27	17 30 3	21°15'48	1♋24	13° 2	21°28	5°56	27°43	19°55	8°23	11°17	14°31	3°16	4°12	21°46	n.a.	T 27
F 28	17 34 0	22°13'19	13°45	14°34	22°40	6°34	27°55	20° 0	8°22	11°17	14°29	3° 5	4° 9	21°52	n.a.	F 28
S 29	17 37 56	23°10'51	25°54	16° 4	23°52	7°12	28° 7	20° 5	8°20	11°16	14°28	2°57	4° 6	21°59	n.a.	S 29
S 30	17 41 53	24♊ 8'24	7♌52	17♋33	25♉ 4	7♋50	28♋18	20♌10	8♒19	11♒15	14♐27	2♓52	4♓ 2	22♌ 6	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n42	26n23	3n45	20n 3	1n 0	6n25	1s56	24n36	1n 9	22n59	1n 9	17n45	2n14	19s 7	0s45	18s48	1s13	26s15	3s16	9s34	9s38	16n50		n.a.
S 2	19 56	23 27	2 58	20 43	1 8	6 53	1 55	24 39	1 10	22 57	1 8	17 44	2 14	19 7	0 45	18 48	1 13	26 15	3 16	9 36	9 39	16 47		n.a.
M 3	20 9	19 34	2 3	21 20	1 16	7 20	1 54	24 42	1 10	22 55	1 8	17 43	2 14	19 7	0 45	18 48	1 13	26 15	3 16	9 37	9 40	16 44		n.a.
T 4	20 22	14 56	1 4	21 55	1 22	7 48	1 53	24 44	1 10	22 53	1 8	17 42	2 14	19 7	0 45	18 48	1 13	26 15	3 16	9 37	9 41	16 41		n.a.
W 5	20 34	9 45	0 2	22 28	1 29	8 15	1 51	24 47	1 10	22 51	1 8	17 41	2 14	19 8	0 45	18 48	1 13	26 15	3 16	9 37	9 43	16 39		n.a.
T 6	20 46	4 11	1s 1	22 58	1 34	8 43	1 50	24 49	1 10	22 50	1 8	17 40	2 14	19 8	0 45	18 48	1 13	26 15	3 16	9 37	9 44	16 36		n.a.
F 7	20 58	1s36	2 2	23 26	1 39	9 10	1 48	24 51	1 10	22 48	1 8	17 38	2 13	19 8	0 45	18 49	1 13	26 15	3 16	9 38	9 45	16 33		n.a.
S 8	21 9	7 28	2 59	23 51	1 43	9 37	1 47	24 53	1 10	22 46	1 8	17 37	2 13	19 8	0 45	18 49	1 13	26 15	3 16	9 39	9 46	16 30		n.a.
S 9	21 20	13 10	3 48	24 13	1 46	10 4	1 45	24 55	1 10	22 44	1 8	17 36	2 13	19 8	0 45	18 49	1 13	26 15	3 16	9 41	9 47	16 27		n.a.
M10	21 31	18 28	4 27	24 32	1 49	10 30	1 43	24 57	1 10	22 42	1 8	17 35	2 13	19 9	0 46	18 49	1 13	26 15	3 17	9 45	9 49	16 24		n.a.
T 11	21 41	23 1	4 52	24 49	1 51	10 57	1 41	24 58	1 10	22 40	1 8	17 33	2 13	19 9	0 46	18 49	1 13	26 15	3 17	9 48	9 50	16 21		n.a.
W12	21 51	26 25	5 0	25 3	1 52	11 23	1 39	24 59	1 10	22 38	1 8	17 32	2 13	19 9	0 46	18 49	1 14	26 15	3 17	9 53	9 51	16 18		n.a.
T 13	22 1	28 14	4 51	25 15	1 53	11 49	1 38	25 0	1 10	22 36	1 8	17 31	2 12	19 9	0 46	18 50	1 14	26 15	3 17	9 57	9 52	16 15		n.a.
F 14	22 10	28 13	4 24	25 25	1 53	12 15	1 36	25 1	1 10	22 34	1 8	17 29	2 12	19 9	0 46	18 50	1 14	26 15	3 17	10 1	9 53	16 12		n.a.
S 15	22 19	26 17	3 39	25 31	1 53	12 40	1 34	25 2	1 10	22 32	1 7	17 28	2 12	19 10	0 46	18 50	1 14	26 15	3 17	10 4	9 54	16 9		n.a.
S 16	22 27	22 38	2 41	25 36	1 52	13 6	1 31	25 2	1 11	22 30	1 7	17 27	2 12	19 10	0 46	18 50	1 14	26 15	3 17	10 6	9 56	16 6		n.a.
M17	22 35	17 36	1 32	25 38	1 50	13 31	1 29	25 2	1 11	22 27	1 7	17 25	2 12	19 10	0 46	18 50	1 14	26 14	3 17	10 7	9 57	16 3		n.a.
T 18	22 43	11 39	0 18	25 39	1 48	13 55	1 27	25 3	1 11	22 25	1 7	17 24	2 12	19 11	0 46	18 51	1 14	26 14	3 17	10 7	9 58	16 0		n.a.
W19	22 50	5 10	0n56	25 37	1 45	14 20	1 25	25 2	1 11	22 23	1 7	17 22	2 11	19 11	0 46	18 51	1 14	26 14	3 17	10 7	9 59	15 57		n.a.
T 20	22 57	1n28	2 6	25 33	1 42	14 44	1 23	25 2	1 11	22 21	1 7	17 21	2 11	19 11	0 46	18 51	1 14	26 14	3 17	10 7	10 0	15 54		n.a.
F 21	23 4	7 58	3 8	25 28	1 38	15 8	1 20	25 2	1 11	22 19	1 7	17 19	2 11	19 12	0 46	18 51	1 14	26 14	3 18	10 8	10 2	15 51		n.a.
S 22	23 10	14 0	3 59	25 20	1 34	15 31	1 18	25 1	1 11	22 16	1 7	17 18	2 11	19 12	0 46	18 52	1 14	26 14	3 18	10 10	10 3	15 48		n.a.
S 23	23 16	19 19	4 35	25 11	1 29	15 55	1 16	25 0	1 11	22 14	1 7	17 16	2 11	19 12	0 46	18 52	1 14	26 14	3 18	10 12	10 4	15 45		n.a.
M24	23 21	23 36	4 56	25 0	1 24	16 17	1 13	24 59	1 11	22 12	1 7	17 14	2 11	19 13	0 46	18 52	1 14	26 14	3 18	10 16	10 5	15 42		n.a.
T 25	23 26	26 37	5 1	24 48	1 19	16 40	1 11	24 58	1 11	22 9	1 7	17 13	2 11	19 13	0 46	18 53	1 14	26 14	3 18	10 20	10 6	15 39		n.a.
W26	23 30	28 13	4 51	24 34	1 13	17 2	1 8	24 56	1 11	22 7	1 7	17 11	2 10	19 13	0 46	18 53	1 14	26 14	3 18	10 25	10 7	15 36		n.a.
T 27	23 34	28 18	4 26	24 19	1 7	17 24	1 6	24 55	1 11	22 5	1 7	17 9	2 10	19 14	0 46	18 53	1 14	26 14	3 18	10 29	10 9	15 33		n.a.
F 28	23 38	26 57	3 50	24 3	1 0	17 45	1 3	24 53	1 11	22 2	1 7	17 8	2 10	19 14	0 46	18 53	1 14	26 13	3 18	10 33	10 10	15 30		n.a.
S 29	23 41	24 20	3 3	23 46	0 53	18 6	1 1	24 51	1 11	22 0	1 7	17 6	2 10	19 15	0 46	18 54	1 14	26 13	3 18	10 36	10 11	15 27		n.a.
S 30	23n44	20n42	2n 9	23n27	0n46	18n26	0s58	24n49	1n11	21n57	1n 7	17n 4	2n10	19s15	0s46	18s54	1s14	26s13	3s18	10s38	10s12	15n24		n.a.

Julian Day Number = 1196710.5, Delta T = 09h26m40s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'51, Lahiri = -23°46'50 Julian Calendar 1 June 1437 BCE == Greg. Calendar 19 May 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

JULY 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 45 50	25♊ 5'58	19♌43	18♋59	26♉16	8♋29	28♋30	20♌15	8°R17	11°R14	14°R25	2°R49	3♓59	22♌12	n.a.	M 1
T 2	17 49 46	26° 3'33	1♍30	20°24	27°28	9° 7	28°42	20°20	8♒16	11♒13	14♐24	2°D48	3°56	22°19	n.a.	T 2
W 3	17 53 43	27° 1'10	13°18	21°48	28°40	9°45	28°54	20°25	8°14	11°11	14°22	2♓49	3°53	22°26	n.a.	W 3
T 4	17 57 39	27°58'47	25°13	23° 9	29°52	10°23	29° 6	20°30	8°12	11°10	14°21	2°R49	3°50	22°32	n.a.	T 4
F 5	18 1 36	28°56'26	7♎20	24°29	1♊ 5	11° 1	29°18	20°35	8°11	11° 9	14°20	2°49	3°47	22°39	n.a.	F 5
S 6	18 5 32	29°54'06	19°43	25°47	2°17	11°40	29°30	20°41	8° 9	11° 8	14°18	2°47	3°43	22°46	n.a.	S 6
S 7	18 9 29	0♋51'48	2♏28	27° 3	3°30	12°18	29°42	20°46	8° 7	11° 7	14°17	2°43	3°40	22°52	n.a.	S 7
M 8	18 13 25	1°49'30	15°39	28°17	4°42	12°56	29°55	20°52	8° 6	11° 6	14°16	2°37	3°37	22°59	n.a.	M 8
T 9	18 17 22	2°47'14	29°16	29°29	5°55	13°35	0♌ 7	20°57	8° 4	11° 5	14°14	2°29	3°34	23° 5	n.a.	T 9
W10	18 21 19	3°45'00	13♐18	0♌39	7° 7	14°13	0°19	21° 3	8° 2	11° 3	14°13	2°19	3°31	23°12	n.a.	W10
T 11	18 25 15	4°42'47	27°43	1°47	8°20	14°51	0°32	21° 8	8° 0	11° 2	14°12	2°10	3°27	23°19	n.a.	T 11
F 12	18 29 12	5°40'36	12♑24	2°52	9°33	15°30	0°44	21°14	7°58	11° 1	14°10	2° 2	3°24	23°25	n.a.	F 12
S 13	18 33 8	6°38'26	27°14	3°55	10°46	16° 8	0°56	21°20	7°56	11° 0	14° 9	1°56	3°21	23°32	n.a.	S 13
S 14	18 37 5	7°36'18	12♒ 4	4°56	11°59	16°47	1° 9	21°26	7°54	10°58	14° 8	1°52	3°18	23°39	n.a.	S 14
M15	18 41 1	8°34'12	26°48	5°54	13°12	17°25	1°21	21°31	7°52	10°57	14° 7	1°D51	3°15	23°45	n.a.	M15
T 16	18 44 58	9°32'08	11♓19	6°49	14°25	18° 4	1°34	21°37	7°50	10°56	14° 5	1°51	3°12	23°52	n.a.	T 16
W17	18 48 54	10°30'06	25°34	7°41	15°38	18°42	1°46	21°43	7°48	10°54	14° 4	1°52	3° 8	23°59	n.a.	W17
T 18	18 52 51	11°28'06	9♈32	8°30	16°51	19°21	1°59	21°49	7°46	10°53	14° 3	1°R53	3° 5	24° 5	n.a.	T 18
F 19	18 56 48	12°26'08	23°14	9°15	18° 4	19°59	2°12	21°55	7°44	10°51	14° 2	1°52	3° 2	24°12	n.a.	F 19
S 20	19 0 44	13°24'12	6♉38	9°58	19°17	20°38	2°24	22° 1	7°42	10°50	14° 0	1°50	2°59	24°19	n.a.	S 20
S 21	19 4 41	14°22'18	19°48	10°36	20°30	21°16	2°37	22° 8	7°40	10°49	13°59	1°45	2°56	24°25	n.a.	S 21
M22	19 8 37	15°20'26	2♊44	11°10	21°44	21°55	2°50	22°14	7°38	10°47	13°58	1°39	2°53	24°32	n.a.	M22
T 23	19 12 34	16°18'37	15°26	11°40	22°57	22°34	3° 2	22°20	7°35	10°46	13°57	1°31	2°49	24°39	n.a.	T 23
W24	19 16 30	17°16'50	27°57	12° 6	24°11	23°12	3°15	22°26	7°33	10°44	13°56	1°23	2°46	24°45	n.a.	W24
T 25	19 20 27	18°15'04	10♋16	12°26	25°24	23°51	3°28	22°33	7°31	10°43	13°55	1°15	2°43	24°52	n.a.	T 25
F 26	19 24 23	19°13'21	22°25	12°42	26°38	24°30	3°41	22°39	7°29	10°41	13°54	1° 9	2°40	24°58	n.a.	F 26
S 27	19 28 20	20°11'39	4♌25	12°52	27°51	25° 9	3°54	22°45	7°27	10°40	13°52	1° 4	2°37	25° 5	n.a.	S 27
S 28	19 32 17	21° 9'59	16°17	12°R56	29° 5	25°47	4° 7	22°52	7°24	10°38	13°51	1° 1	2°33	25°12	n.a.	S 28
M29	19 36 13	22° 8'21	28° 5	12°54	0♋19	26°26	4°20	22°58	7°22	10°36	13°50	0°D59	2°30	25°18	n.a.	M29
T 30	19 40 10	23° 6'45	9♍51	12°46	1°32	27° 5	4°32	23° 5	7°20	10°35	13°49	1° 0	2°27	25°25	n.a.	T 30
W31	19 44 6	24♋ 5'11	21♍39	12♌32	2♋46	27♋44	4♌45	23♌11	7♒17	10♒33	13♐48	1♓ 1	2♓24	25♌32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n46	16n16	1n 9	23n 8	0n39	18n46	0s55	24n46	1n11	21n55	1n 7	17n 3	2n10	19s16	0s46	18s54	1s14	26s13	3s18	10s39	10s13	15n21			n.a.
T 2	23 48	11 14	0 7	22 47	0 31	19 5	0 53	24 44	1 11	21 52	1 7	17 1	2 10	19 16	0 46	18 55	1 14	26 13	3 18	10 39	10 14	15 18			n.a.
W 3	23 50	5 49	0s56	22 26	0 23	19 24	0 50	24 41	1 11	21 50	1 7	16 59	2 10	19 16	0 46	18 55	1 14	26 13	3 18	10 39	10 16	15 15			n.a.
T 4	23 51	0 9	1 57	22 4	0 14	19 43	0 47	24 38	1 11	21 47	1 7	16 57	2 9	19 17	0 46	18 55	1 14	26 13	3 19	10 39	10 17	15 12			n.a.
F 5	23 52	5s36	2 54	21 42	0 5	20 1	0 45	24 35	1 11	21 45	1 7	16 55	2 9	19 17	0 46	18 56	1 15	26 13	3 19	10 39	10 18	15 9			n.a.
S 6	23 52	11 17	3 43	21 19	0s 3	20 18	0 42	24 31	1 11	21 42	1 6	16 53	2 9	19 18	0 46	18 56	1 15	26 13	3 19	10 40	10 19	15 6			n.a.
S 7	23 52	16 40	4 24	20 55	0 13	20 35	0 39	24 28	1 11	21 39	1 6	16 52	2 9	19 18	0 46	18 56	1 15	26 13	3 19	10 41	10 20	15 3			n.a.
M 8	23 51	21 27	4 52	20 31	0 22	20 52	0 36	24 24	1 11	21 37	1 6	16 50	2 9	19 19	0 46	18 57	1 15	26 12	3 19	10 44	10 21	15 0			n.a.
T 9	23 50	25 18	5 4	20 6	0 31	21 7	0 34	24 20	1 11	21 34	1 6	16 48	2 9	19 19	0 46	18 57	1 15	26 12	3 19	10 47	10 23	14 57			n.a.
W10	23 49	27 45	4 59	19 42	0 41	21 23	0 31	24 16	1 11	21 31	1 6	16 46	2 9	19 20	0 46	18 58	1 15	26 12	3 19	10 50	10 24	14 54			n.a.
T 11	23 47	28 26	4 36	19 17	0 51	21 37	0 28	24 12	1 11	21 29	1 6	16 44	2 9	19 20	0 47	18 58	1 15	26 12	3 19	10 53	10 25	14 51			n.a.
F 12	23 44	27 9	3 53	18 52	1 1	21 52	0 25	24 7	1 11	21 26	1 6	16 42	2 9	19 21	0 47	18 58	1 15	26 12	3 19	10 56	10 26	14 48			n.a.
S 13	23 42	23 56	2 55	18 28	1 11	22 5	0 23	24 2	1 11	21 23	1 6	16 40	2 8	19 21	0 47	18 59	1 15	26 12	3 19	10 58	10 27	14 45			n.a.
S 14	23 39	19 9	1 44	18 3	1 22	22 18	0 20	23 58	1 11	21 20	1 6	16 38	2 8	19 22	0 47	18 59	1 15	26 12	3 19	11 0	10 28	14 42			n.a.
M15	23 35	13 14	0 27	17 39	1 32	22 30	0 17	23 53	1 11	21 17	1 6	16 36	2 8	19 23	0 47	19 0	1 15	26 12	3 19	11 0	10 30	14 38			n.a.
T 16	23 31	6 40	0n51	17 15	1 43	22 42	0 14	23 47	1 11	21 15	1 6	16 34	2 8	19 23	0 47	19 0	1 15	26 12	3 19	11 0	10 31	14 35			n.a.
W17	23 27	0n 6	2 4	16 51	1 53	22 53	0 11	23 42	1 11	21 12	1 6	16 32	2 8	19 24	0 47	19 0	1 15	26 11	3 19	11 0	10 32	14 32			n.a.
T 18	23 22	6 44	3 9	16 28	2 4	23 3	0 9	23 36	1 11	21 9	1 6	16 30	2 8	19 24	0 47	19 1	1 15	26 11	3 19	11 0	10 33	14 29			n.a.
F 19	23 16	12 54	4 1	16 6	2 14	23 13	0 6	23 31	1 10	21 6	1 6	16 28	2 8	19 25	0 47	19 1	1 15	26 11	3 19	11 0	10 34	14 26			n.a.
S 20	23 11	18 21	4 39	15 45	2 25	23 22	0 3	23 25	1 10	21 3	1 6	16 26	2 8	19 25	0 47	19 2	1 15	26 11	3 19	11 1	10 35	14 23			n.a.
S 21	23 4	22 50	5 1	15 24	2 35	23 31	0 1	23 18	1 10	21 0	1 6	16 23	2 8	19 26	0 47	19 2	1 15	26 11	3 19	11 2	10 37	14 20			n.a.
M22	22 58	26 6	5 8	15 5	2 45	23 38	0n 2	23 12	1 10	20 57	1 6	16 21	2 8	19 26	0 47	19 3	1 15	26 11	3 19	11 5	10 38	14 17			n.a.
T 23	22 51	28 0	4 59	14 47	2 55	23 45	0 5	23 6	1 10	20 54	1 6	16 19	2 8	19 27	0 47	19 3	1 15	26 11	3 19	11 7	10 39	14 14			n.a.
W24	22 44	28 27	4 36	14 31	3 5	23 52	0 8	22 59	1 10	20 51	1 6	16 17	2 7	19 28	0 47	19 3	1 15	26 11	3 19	11 10	10 40	14 11			n.a.
T 25	22 36	27 27	4 0	14 16	3 15	23 57	0 10	22 52	1 10	20 48	1 6	16 15	2 7	19 28	0 47	19 4	1 15	26 11	3 19	11 13	10 41	14 8			n.a.
F 26	22 28	25 9	3 14	14 2	3 24	24 2	0 13	22 45	1 10	20 45	1 6	16 13	2 7	19 29	0 47	19 4	1 15	26 10	3 20	11 16	10 42	14 5			n.a.
S 27	22 19	21 45	2 19	13 51	3 33	24 6	0 15	22 38	1 10	20 42	1 6	16 10	2 7	19 29	0 47	19 5	1 15	26 10	3 20	11 17	10 44	14 1			n.a.
S 28	22 10	17 30	1 19	13 42	3 41	24 10	0 18	22 31	1 10	20 39	1 6	16 8	2 7	19 30	0 47	19 5	1 15	26 10	3 20	11 19	10 45	13 58			n.a.
M29	22 1	12 36	0 16	13 36	3 48	24 12	0 21	22 23	1 10	20 36	1 6	16 6	2 7	19 31	0 47	19 6	1 15	26 10	3 20	11 19	10 46	13 55			n.a.
T 30	21 51	7 16	0s48	13 32	3 54	24 14	0 23	22 15	1 10	20 32	1 6	16 4	2 7	19 31	0 47	19 6	1 15	26 10	3 20	11 19	10 47	13 52			n.a.
W31	21n41	1n41	1s50	13n31	4s 0	24n16	0n26	22n 7	1n10	20n29	1n 6	16n 1	2n 7	19s32	0s47	19s 7	1s15	26s10	3s20	11s18	10s48	13n49			n.a.

Julian Day Number = 1196740.5, Delta T = 09h26m39s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'46, Lahiri = -23°46'46 Julian Calendar 1 July 1437 BCE == Greg. Calendar 18 June 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

AUGUST 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 48 3	25♋ 3'38	3♎33	12°R11	4♋ 0	28♋23	4♌58	23♌18	7°R15	10°R32	13°R47	1♓ 3	2♓21	25♌38	n.a.	T 1
F 2	19 51 59	26° 2'08	15°38	11♌43	5°14	29° 2	5°11	23°25	7♒13	10♒30	13♐46	1° 4	2°18	25°45	n.a.	F 2
S 3	19 55 56	27° 0'39	27°59	11° 9	6°28	29°41	5°24	23°31	7°10	10°29	13°45	1°R 5	2°14	25°52	n.a.	S 3
S 4	19 59 52	27°59'12	10♏41	10°28	7°42	0♌20	5°37	23°38	7° 8	10°27	13°44	1° 4	2°11	25°58	n.a.	S 4
M 5	20 3 49	28°57'46	23°48	9°42	8°56	0°59	5°50	23°45	7° 6	10°25	13°44	1° 2	2° 8	26° 5	n.a.	M 5
T 6	20 7 45	29°56'23	7♐22	8°49	10°10	1°38	6° 3	23°51	7° 3	10°24	13°43	0°58	2° 5	26°12	n.a.	T 6
W 7	20 11 42	0♌55'01	21°25	7°52	11°24	2°17	6°16	23°58	7° 1	10°22	13°42	0°54	2° 2	26°18	n.a.	W 7
T 8	20 15 39	1°53'42	5♑53	6°52	12°38	2°56	6°30	24° 5	6°58	10°20	13°41	0°50	1°59	26°25	n.a.	T 8
F 9	20 19 35	2°52'24	20°43	5°49	13°52	3°35	6°43	24°12	6°56	10°19	13°40	0°46	1°55	26°32	n.a.	F 9
S 10	20 23 32	3°51'09	5♒47	4°44	15° 7	4°14	6°56	24°19	6°54	10°17	13°39	0°43	1°52	26°38	n.a.	S 10
S 11	20 27 28	4°49'55	20°56	3°41	16°21	4°53	7° 9	24°26	6°51	10°15	13°39	0°42	1°49	26°45	n.a.	S 11
M12	20 31 25	5°48'44	6♓ 0	2°39	17°35	5°33	7°22	24°33	6°49	10°14	13°38	0°D41	1°46	26°51	n.a.	M12
T 13	20 35 21	6°47'35	20°51	1°40	18°50	6°12	7°35	24°40	6°46	10°12	13°37	0°42	1°43	26°58	n.a.	T 13
W14	20 39 18	7°46'28	5♈23	0°47	20° 4	6°51	7°48	24°47	6°44	10°10	13°36	0°44	1°39	27° 5	n.a.	W14
T 15	20 43 14	8°45'24	19°33	29♋59	21°18	7°30	8° 1	24°54	6°42	10° 9	13°36	0°45	1°36	27°11	n.a.	T 15
F 16	20 47 11	9°44'22	3♉20	29°21	22°33	8°10	8°14	25° 1	6°39	10° 7	13°35	0°46	1°33	27°18	n.a.	F 16
S 17	20 51 8	10°43'23	16°43	28°50	23°48	8°49	8°27	25° 8	6°37	10° 5	13°34	0°R46	1°30	27°25	n.a.	S 17
S 18	20 55 4	11°42'26	29°46	28°29	25° 2	9°28	8°40	25°15	6°34	10° 4	13°34	0°45	1°27	27°31	n.a.	S 18
M19	20 59 1	12°41'32	12♊31	28°18	26°17	10° 8	8°53	25°22	6°32	10° 2	13°33	0°43	1°24	27°38	n.a.	M19
T 20	21 2 57	13°40'40	24°59	28°D18	27°31	10°47	9° 6	25°29	6°30	10° 0	13°33	0°41	1°20	27°45	n.a.	T 20
W21	21 6 54	14°39'51	7♋15	28°27	28°46	11°27	9°20	25°36	6°27	9°59	13°32	0°38	1°17	27°51	n.a.	W21
T 22	21 10 50	15°39'04	19°21	28°47	0♌ 1	12° 6	9°33	25°43	6°25	9°57	13°32	0°36	1°14	27°58	n.a.	T 22
F 23	21 14 47	16°38'19	1♌19	29°16	1°16	12°46	9°46	25°50	6°22	9°56	13°31	0°34	1°11	28° 5	n.a.	F 23
S 24	21 18 43	17°37'37	13°11	29°55	2°31	13°25	9°59	25°57	6°20	9°54	13°31	0°33	1° 8	28°11	n.a.	S 24
S 25	21 22 40	18°36'56	24°59	0♌43	3°45	14° 5	10°12	26° 4	6°18	9°52	13°30	0°D32	1° 5	28°18	n.a.	S 25
M26	21 26 37	19°36'18	6♍46	1°38	5° 0	14°45	10°25	26°11	6°15	9°51	13°30	0°32	1° 1	28°25	n.a.	M26
T 27	21 30 33	20°35'42	18°33	2°41	6°15	15°24	10°38	26°19	6°13	9°49	13°30	0°32	0°58	28°31	n.a.	T 27
W28	21 34 30	21°35'08	0♎24	3°50	7°30	16° 4	10°51	26°26	6°11	9°47	13°29	0°33	0°55	28°38	n.a.	W28
T 29	21 38 26	22°34'36	12°22	5° 6	8°45	16°44	11° 4	26°33	6° 8	9°46	13°29	0°34	0°52	28°44	n.a.	T 29
F 30	21 42 23	23°34'06	24°29	6°26	10° 0	17°23	11°17	26°40	6° 6	9°44	13°29	0°35	0°49	28°51	n.a.	F 30
S 31	21 46 19	24♌33'38	6♏51	7♌51	11♌15	18♌ 3	11♌30	26♌47	6♒ 4	9♒42	13♐28	0♓36	0♓45	28♌58	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n30	4s 0	2s49	13n32	4s 4	24n16	0n28	21n59	1n10	20n26	1n 6	15n59	2n 7	19s33	0s47	19s 7	1s15	26s10	3s20	11s18	10s49	13n46			n.a.
F 2	21 19	9 38	3 40	13 37	4 8	24 16	0 30	21 51	1 10	20 23	1 6	15 57	2 7	19 33	0 47	19 8	1 15	26 10	3 20	11 17	10 51	13 43			n.a.
S 3	21 8	15 1	4 23	13 45	4 9	24 15	0 33	21 43	1 9	20 20	1 7	15 55	2 7	19 34	0 47	19 8	1 15	26 10	3 20	11 17	10 52	13 40			n.a.
S 4	20 56	19 56	4 54	13 55	4 10	24 13	0 35	21 34	1 9	20 16	1 7	15 52	2 7	19 34	0 47	19 8	1 15	26 10	3 20	11 17	10 53	13 37			n.a.
M 5	20 44	24 4	5 11	14 9	4 8	24 11	0 37	21 25	1 9	20 13	1 7	15 50	2 7	19 35	0 47	19 9	1 15	26 9	3 20	11 18	10 54	13 34			n.a.
T 6	20 31	27 2	5 11	14 26	4 5	24 8	0 40	21 16	1 9	20 10	1 7	15 48	2 7	19 36	0 47	19 9	1 15	26 9	3 20	11 19	10 55	13 30			n.a.
W 7	20 19	28 28	4 53	14 46	3 59	24 4	0 42	21 7	1 9	20 7	1 7	15 45	2 7	19 36	0 47	19 10	1 16	26 9	3 20	11 21	10 56	13 27			n.a.
T 8	20 5	28 0	4 17	15 9	3 52	23 59	0 44	20 58	1 9	20 3	1 7	15 43	2 7	19 37	0 47	19 10	1 16	26 9	3 20	11 22	10 58	13 24			n.a.
F 9	19 52	25 34	3 22	15 34	3 42	23 54	0 46	20 49	1 9	20 0	1 7	15 41	2 7	19 38	0 47	19 11	1 16	26 9	3 20	11 24	10 59	13 21			n.a.
S 10	19 38	21 18	2 13	16 0	3 31	23 48	0 48	20 39	1 9	19 57	1 7	15 38	2 7	19 38	0 47	19 11	1 16	26 9	3 20	11 25	11 0	13 18			n.a.
S 11	19 24	15 37	0 53	16 28	3 18	23 41	0 51	20 29	1 9	19 53	1 7	15 36	2 7	19 39	0 47	19 12	1 16	26 9	3 20	11 25	11 1	13 15			n.a.
M12	19 9	9 1	0n29	16 57	3 3	23 33	0 53	20 20	1 8	19 50	1 7	15 33	2 7	19 39	0 47	19 12	1 16	26 9	3 20	11 25	11 2	13 12			n.a.
T 13	18 54	2 2	1 49	17 27	2 46	23 25	0 54	20 10	1 8	19 47	1 7	15 31	2 6	19 40	0 47	19 13	1 16	26 9	3 20	11 25	11 3	13 8			n.a.
W14	18 39	4n55	3 0	17 56	2 29	23 16	0 56	19 59	1 8	19 43	1 7	15 29	2 6	19 41	0 47	19 13	1 16	26 9	3 20	11 25	11 4	13 5			n.a.
T 15	18 23	11 26	3 58	18 24	2 10	23 6	0 58	19 49	1 8	19 40	1 7	15 26	2 6	19 41	0 47	19 14	1 16	26 9	3 20	11 24	11 6	13 2			n.a.
F 16	18 8	17 13	4 40	18 51	1 51	22 56	1 0	19 39	1 8	19 36	1 7	15 24	2 6	19 42	0 47	19 14	1 16	26 8	3 20	11 24	11 7	12 59			n.a.
S 17	17 51	22 1	5 6	19 16	1 31	22 45	1 2	19 28	1 8	19 33	1 7	15 21	2 6	19 43	0 47	19 15	1 16	26 8	3 20	11 24	11 8	12 56			n.a.
S 18	17 35	25 36	5 16	19 40	1 12	22 33	1 4	19 17	1 8	19 30	1 7	15 19	2 6	19 43	0 47	19 15	1 16	26 8	3 20	11 24	11 9	12 53			n.a.
M19	17 18	27 48	5 9	20 1	0 53	22 20	1 5	19 6	1 8	19 26	1 7	15 16	2 6	19 44	0 47	19 16	1 16	26 8	3 20	11 25	11 10	12 50			n.a.
T 20	17 1	28 34	4 48	20 19	0 34	22 7	1 7	18 55	1 7	19 23	1 7	15 14	2 6	19 44	0 47	19 16	1 16	26 8	3 20	11 26	11 11	12 46			n.a.
W21	16 43	27 53	4 14	20 35	0 16	21 53	1 8	18 44	1 7	19 19	1 7	15 12	2 6	19 45	0 47	19 16	1 16	26 8	3 20	11 27	11 13	12 43			n.a.
T 22	16 26	25 53	3 29	20 47	0n 1	21 39	1 10	18 32	1 7	19 16	1 7	15 9	2 6	19 46	0 47	19 17	1 16	26 8	3 20	11 27	11 14	12 40			n.a.
F 23	16 8	22 44	2 35	20 57	0 17	21 23	1 11	18 21	1 7	19 12	1 7	15 7	2 6	19 46	0 47	19 17	1 16	26 8	3 20	11 28	11 15	12 37			n.a.
S 24	15 49	18 40	1 35	21 3	0 32	21 8	1 13	18 9	1 7	19 9	1 8	15 4	2 6	19 47	0 47	19 18	1 16	26 8	3 20	11 29	11 16	12 34			n.a.
S 25	15 31	13 54	0 31	21 6	0 45	20 51	1 14	17 57	1 7	19 5	1 8	15 2	2 6	19 47	0 47	19 18	1 16	26 8	3 20	11 29	11 17	12 31			n.a.
M26	15 12	8 39	0s35	21 5	0 58	20 34	1 15	17 46	1 6	19 2	1 8	14 59	2 6	19 48	0 47	19 19	1 16	26 8	3 20	11 29	11 18	12 27			n.a.
T 27	14 53	3 6	1 38	21 1	1 9	20 16	1 16	17 33	1 6	18 58	1 8	14 57	2 6	19 49	0 47	19 19	1 16	26 8	3 20	11 29	11 19	12 24			n.a.
W28	14 34	2s35	2 38	20 54	1 19	19 58	1 17	17 21	1 6	18 55	1 8	14 54	2 6	19 49	0 47	19 20	1 16	26 8	3 20	11 28	11 21	12 21			n.a.
T 29	14 14	8 13	3 32	20 44	1 27	19 39	1 18	17 9	1 6	18 51	1 8	14 52	2 7	19 50	0 47	19 20	1 16	26 8	3 20	11 28	11 22	12 18			n.a.
F 30	13 54	13 38	4 17	20 31	1 35	19 20	1 19	16 56	1 6	18 47	1 8	14 49	2 7	19 50	0 47	19 21	1 16	26 8	3 20	11 28	11 23	12 15			n.a.
S 31	13n34	18s37	4s51	20n15	1n41	19n 0	1n20	16n44	1n 6	18n44	1n 8	14n47	2n 7	19s51	0s47	19s21	1s16	26s 8	3s20	11s28	11s24	12n12			n.a.

Julian Day Number = 1196771.5, Delta T = 09h26m37s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'42, Lahiri = -23°46'42 Julian Calendar 1 Aug. 1437 BCE == Greg. Calendar 19 July 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

SEPTEMBER 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 50 16	25♌33'12	19♏30	9♌20	12♌30	18♌43	11♌43	26♌55	6°R 2	9°R41	13°R28	0♓36	0♓42	29♌ 4	n.a.	S 1
M 2	21 54 12	26°32'48	2♐31	10°51	13°45	19°23	11°55	27° 2	5♒59	9♒39	13♐28	0°R36	0°39	29°11	n.a.	M 2
T 3	21 58 9	27°32'26	15°56	12°26	15° 1	20° 3	12° 8	27° 9	5°57	9°38	13°28	0°36	0°36	29°18	n.a.	T 3
W 4	22 2 5	28°32'05	29°48	14° 2	16°16	20°43	12°21	27°16	5°55	9°36	13°28	0°35	0°33	29°24	n.a.	W 4
T 5	22 6 2	29°31'47	14♑ 6	15°41	17°31	21°23	12°34	27°23	5°53	9°35	13°27	0°35	0°30	29°31	n.a.	T 5
F 6	22 9 59	0♍31'30	28°49	17°20	18°46	22° 3	12°47	27°30	5°51	9°33	13°27	0°D35	0°26	29°38	n.a.	F 6
S 7	22 13 55	1°31'16	13♒50	19° 1	20° 1	22°43	13° 0	27°38	5°49	9°32	13°27	0°35	0°23	29°44	n.a.	S 7
S 8	22 17 52	2°31'03	29° 2	20°42	21°17	23°23	13°12	27°45	5°47	9°30	13°27	0°R35	0°20	29°51	n.a.	S 8
M 9	22 21 48	3°30'52	14♓16	22°24	22°32	24° 3	13°25	27°52	5°45	9°29	13°D27	0°35	0°17	29°58	n.a.	M 9
T 10	22 25 45	4°30'44	29°21	24° 7	23°47	24°43	13°38	27°59	5°43	9°27	13°27	0°35	0°14	0♍ 4	n.a.	T 10
W11	22 29 41	5°30'38	14♈10	25°49	25° 2	25°23	13°50	28° 6	5°41	9°26	13°27	0°35	0°10	0°11	n.a.	W11
T 12	22 33 38	6°30'34	28°35	27°32	26°18	26° 3	14° 3	28°13	5°39	9°24	13°27	0°34	0° 7	0°18	n.a.	T 12
F 13	22 37 34	7°30'32	12♉33	29°14	27°33	26°43	14°15	28°21	5°37	9°23	13°28	0°33	0° 4	0°24	n.a.	F 13
S 14	22 41 31	8°30'33	26° 4	0♍57	28°49	27°23	14°28	28°28	5°35	9°21	13°28	0°33	0° 1	0°31	n.a.	S 14
S 15	22 45 27	9°30'36	9♊10	2°39	0♍ 4	28° 4	14°40	28°35	5°33	9°20	13°28	0°D32	29♒58	0°37	n.a.	S 15
M16	22 49 24	10°30'42	21°52	4°20	1°19	28°44	14°53	28°42	5°31	9°19	13°28	0°33	29°55	0°44	n.a.	M16
T 17	22 53 21	11°30'50	4♋15	6° 2	2°35	29°24	15° 5	28°49	5°29	9°17	13°28	0°33	29°51	0°51	n.a.	T 17
W18	22 57 17	12°31'00	16°23	7°43	3°50	0♍ 5	15°18	28°56	5°27	9°16	13°29	0°34	29°48	0°57	n.a.	W18
T 19	23 1 14	13°31'12	28°21	9°23	5° 6	0°45	15°30	29° 3	5°26	9°14	13°29	0°36	29°45	1° 4	n.a.	T 19
F 20	23 5 10	14°31'27	10♌12	11° 3	6°21	1°26	15°42	29°10	5°24	9°13	13°29	0°37	29°42	1°11	n.a.	F 20
S 21	23 9 7	15°31'43	21°59	12°43	7°37	2° 6	15°54	29°17	5°22	9°12	13°29	0°38	29°39	1°17	n.a.	S 21
S 22	23 13 3	16°32'01	3♍46	14°22	8°52	2°47	16° 7	29°24	5°21	9°11	13°30	0°R38	29°36	1°24	n.a.	S 22
M23	23 17 0	17°32'22	15°35	16° 1	10° 8	3°27	16°19	29°31	5°19	9° 9	13°30	0°37	29°32	1°31	n.a.	M23
T 24	23 20 56	18°32'44	27°28	17°39	11°23	4° 8	16°31	29°38	5°17	9° 8	13°31	0°36	29°29	1°37	n.a.	T 24
W25	23 24 53	19°33'08	9♎27	19°17	12°39	4°48	16°43	29°45	5°16	9° 7	13°31	0°33	29°26	1°44	n.a.	W25
T 26	23 28 49	20°33'34	21°34	20°55	13°55	5°29	16°55	29°52	5°14	9° 6	13°32	0°30	29°23	1°51	n.a.	T 26
F 27	23 32 46	21°34'02	3♏51	22°32	15°10	6°10	17° 7	29°59	5°13	9° 5	13°32	0°26	29°20	1°57	n.a.	F 27
S 28	23 36 43	22°34'31	16°20	24° 8	16°26	6°51	17°18	0♍ 5	5°11	9° 4	13°33	0°23	29°16	2° 4	n.a.	S 28
S 29	23 40 39	23°35'02	29° 3	25°45	17°41	7°31	17°30	0°12	5°10	9° 3	13°33	0°20	29°13	2°10	n.a.	S 29
M30	23 44 36	24♍35'34	12♐ 2	27♍21	18♍57	8♍12	17♌42	0♍19	5♒ 9	9♒ 1	13♐34	0♓19	29♒10	2♍17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n14	22s55	5s12	19n56	1n46	18n39	1n21	16n31	1n 5	18n40	1n 8	14n44	2n 7	19s51	0s47	19s21	1s16	26s 8	3s20	11s27	11s25	12n 8		n.a.
M 2	12 53	26 13	5 18	19 35	1 50	18 18	1 22	16 18	1 5	18 37	1 8	14 42	2 7	19 52	0 47	19 22	1 16	26 7	3 20	11 27	11 26	12 5		n.a.
T 3	12 32	28 11	5 7	19 11	1 53	17 56	1 23	16 5	1 5	18 33	1 8	14 39	2 7	19 52	0 47	19 22	1 16	26 7	3 20	11 28	11 27	12 2		n.a.
W 4	12 12	28 30	4 38	18 45	1 55	17 34	1 23	15 52	1 5	18 29	1 8	14 37	2 7	19 53	0 47	19 23	1 16	26 7	3 20	11 28	11 29	11 59		n.a.
T 5	11 50	26 56	3 51	18 17	1 57	17 11	1 24	15 39	1 5	18 26	1 9	14 34	2 7	19 54	0 47	19 23	1 16	26 7	3 20	11 28	11 30	11 56		n.a.
F 6	11 29	23 30	2 48	17 46	1 57	16 48	1 25	15 25	1 4	18 22	1 9	14 32	2 7	19 54	0 47	19 24	1 16	26 7	3 20	11 28	11 31	11 52		n.a.
S 7	11 7	18 26	1 32	17 14	1 57	16 24	1 25	15 12	1 4	18 19	1 9	14 29	2 7	19 55	0 47	19 24	1 16	26 7	3 20	11 28	11 32	11 49		n.a.
S 8	10 46	12 9	0 9	16 41	1 56	16 0	1 25	14 58	1 4	18 15	1 9	14 27	2 7	19 55	0 47	19 24	1 16	26 7	3 20	11 28	11 33	11 46		n.a.
M 9	10 24	5 9	1n15	16 6	1 55	15 36	1 26	14 45	1 4	18 11	1 9	14 24	2 7	19 56	0 47	19 25	1 16	26 7	3 20	11 28	11 34	11 43		n.a.
T 10	10 2	2n 4	2 33	15 30	1 53	15 11	1 26	14 31	1 4	18 8	1 9	14 22	2 7	19 56	0 47	19 25	1 16	26 7	3 20	11 28	11 35	11 40		n.a.
W11	9 39	9 2	3 39	14 52	1 51	14 45	1 26	14 17	1 3	18 4	1 9	14 20	2 7	19 57	0 47	19 26	1 16	26 7	3 20	11 28	11 37	11 36		n.a.
T 12	9 17	15 21	4 30	14 14	1 48	14 19	1 26	14 3	1 3	18 1	1 9	14 17	2 7	19 57	0 47	19 26	1 16	26 7	3 20	11 28	11 38	11 33		n.a.
F 13	8 54	20 40	5 2	13 34	1 44	13 53	1 26	13 49	1 3	17 57	1 9	14 15	2 7	19 57	0 47	19 26	1 16	26 7	3 20	11 28	11 39	11 30		n.a.
S 14	8 31	24 44	5 17	12 54	1 41	13 26	1 26	13 34	1 3	17 53	1 10	14 12	2 7	19 58	0 47	19 27	1 16	26 7	3 20	11 29	11 40	11 27		n.a.
S 15	8 9	27 23	5 14	12 13	1 36	12 59	1 26	13 20	1 2	17 50	1 10	14 10	2 7	19 58	0 47	19 27	1 16	26 7	3 20	11 29	11 41	11 24		n.a.
M16	7 45	28 32	4 56	11 31	1 32	12 32	1 26	13 6	1 2	17 46	1 10	14 7	2 7	19 59	0 47	19 27	1 16	26 7	3 20	11 29	11 42	11 20		n.a.
T 17	7 22	28 12	4 24	10 49	1 27	12 4	1 26	12 51	1 2	17 43	1 10	14 5	2 8	19 59	0 47	19 28	1 16	26 7	3 20	11 28	11 43	11 17		n.a.
W18	6 59	26 30	3 42	10 6	1 22	11 36	1 26	12 36	1 2	17 39	1 10	14 2	2 8	20 0	0 47	19 28	1 16	26 7	3 20	11 28	11 44	11 14		n.a.
T 19	6 35	23 38	2 50	9 23	1 17	11 8	1 25	12 21	1 2	17 35	1 10	14 0	2 8	20 0	0 47	19 28	1 16	26 7	3 20	11 27	11 46	11 11		n.a.
F 20	6 12	19 47	1 51	8 39	1 12	10 39	1 25	12 7	1 1	17 32	1 10	13 57	2 8	20 1	0 47	19 29	1 16	26 7	3 20	11 27	11 47	11 7		n.a.
S 21	5 48	15 11	0 48	7 55	1 6	10 10	1 25	11 52	1 1	17 28	1 10	13 55	2 8	20 1	0 47	19 29	1 16	26 7	3 20	11 27	11 48	11 4		n.a.
S 22	5 24	10 2	0s17	7 11	1 0	9 41	1 24	11 36	1 1	17 25	1 11	13 53	2 8	20 1	0 47	19 29	1 16	26 8	3 20	11 27	11 49	11 1		n.a.
M23	5 0	4 32	1 22	6 27	0 54	9 11	1 23	11 21	1 0	17 21	1 11	13 50	2 8	20 2	0 46	19 30	1 15	26 8	3 20	11 27	11 50	10 58		n.a.
T 24	4 37	1s 9	2 23	5 42	0 48	8 41	1 23	11 6	1 0	17 18	1 11	13 48	2 8	20 2	0 46	19 30	1 15	26 8	3 20	11 28	11 51	10 55		n.a.
W25	4 12	6 50	3 18	4 58	0 42	8 11	1 22	10 51	1 0	17 14	1 11	13 45	2 8	20 2	0 46	19 30	1 15	26 8	3 20	11 28	11 52	10 51		n.a.
T 26	3 48	12 20	4 5	4 13	0 36	7 41	1 21	10 35	1 0	17 10	1 11	13 43	2 8	20 3	0 46	19 31	1 15	26 8	3 19	11 30	11 54	10 48		n.a.
F 27	3 24	17 25	4 42	3 28	0 30	7 11	1 21	10 20	0 59	17 7	1 11	13 41	2 8	20 3	0 46	19 31	1 15	26 8	3 19	11 31	11 55	10 45		n.a.
S 28	3 0	21 53	5 5	2 43	0 23	6 40	1 20	10 4	0 59	17 3	1 11	13 38	2 9	20 3	0 46	19 31	1 15	26 8	3 19	11 32	11 56	10 42		n.a.
S 29	2 35	25 25	5 15	1 59	0 17	6 9	1 19	9 48	0 59	17 0	1 12	13 36	2 9	20 4	0 46	19 32	1 15	26 8	3 19	11 33	11 57	10 38		n.a.
M30	2n11	27s43	5s 8	1n14	0n10	5n38	1n18	9n33	0n59	16n56	1n12	13n34	2n 9	20s 4	0s46	19s32	1s15	26s 8	3s19	11s34	11s58	10n35		n.a.

Julian Day Number = 1196802.5, Delta T = 09h26m35s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'38, Lahiri = -23°46'38 Julian Calendar 1 Sept. 1437 BCE == Greg. Calendar 19 Aug. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

OCTOBER 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 48 32	25♍36'08	25♐21	28♍56	20♍13	8♍53	17♌54	0♍26	5°R 7	9°R 0	13♐35	0°D18	29♒ 7	2♍24	n.a.	T 1
W 2	23 52 29	26°36'43	9♑ 1	0♎31	21°28	9°34	18° 5	0°33	5♒ 6	8♒59	13°35	0♓18	29° 4	2°30	n.a.	W 2
T 3	23 56 25	27°37'20	23° 3	2° 6	22°44	10°15	18°17	0°39	5° 5	8°58	13°36	0°20	29° 1	2°37	n.a.	T 3
F 4	0 0 22	28°37'58	7♒27	3°41	23°59	10°56	18°28	0°46	5° 4	8°58	13°37	0°21	28°57	2°44	n.a.	F 4
S 5	0 4 18	29°38'37	22°11	5°15	25°15	11°37	18°40	0°52	5° 3	8°57	13°37	0°22	28°54	2°50	n.a.	S 5
S 6	0 8 15	0♎39'18	7♓ 8	6°49	26°31	12°18	18°51	0°59	5° 2	8°56	13°38	0°R22	28°51	2°57	n.a.	S 6
M 7	0 12 12	1°40'00	22°13	8°23	27°46	12°59	19° 2	1° 6	5° 1	8°55	13°39	0°21	28°48	3° 4	n.a.	M 7
T 8	0 16 8	2°40'44	7♈17	9°56	29° 2	13°40	19°13	1°12	5° 0	8°54	13°40	0°18	28°45	3°10	n.a.	T 8
W 9	0 20 5	3°41'29	22° 9	11°29	0♎17	14°21	19°24	1°19	4°59	8°53	13°41	0°13	28°42	3°17	n.a.	W 9
T 10	0 24 1	4°42'15	6♉43	13° 2	1°33	15° 2	19°35	1°25	4°58	8°52	13°41	0° 8	28°38	3°24	n.a.	T 10
F 11	0 27 58	5°43'04	20°51	14°35	2°49	15°43	19°46	1°31	4°57	8°52	13°42	0° 2	28°35	3°30	n.a.	F 11
S 12	0 31 54	6°43'54	4♊32	16° 8	4° 4	16°24	19°57	1°38	4°56	8°51	13°43	29♒58	28°32	3°37	n.a.	S 12
S 13	0 35 51	7°44'46	17°44	17°40	5°20	17° 6	20° 8	1°44	4°55	8°50	13°44	29°54	28°29	3°44	n.a.	S 13
M14	0 39 47	8°45'39	0♋31	19°12	6°36	17°47	20°19	1°50	4°55	8°50	13°45	29°52	28°26	3°50	n.a.	M14
T 15	0 43 44	9°46'34	12°55	20°44	7°51	18°28	20°29	1°56	4°54	8°49	13°46	29°D52	28°22	3°57	n.a.	T 15
W16	0 47 41	10°47'31	25° 3	22°16	9° 7	19°10	20°40	2° 3	4°54	8°48	13°47	29°53	28°19	4° 3	n.a.	W16
T 17	0 51 37	11°48'29	6♌58	23°48	10°23	19°51	20°50	2° 9	4°53	8°48	13°48	29°54	28°16	4°10	n.a.	T 17
F 18	0 55 34	12°49'28	18°46	25°19	11°38	20°32	21° 0	2°15	4°52	8°47	13°49	29°56	28°13	4°17	n.a.	F 18
S 19	0 59 30	13°50'29	0♍32	26°50	12°54	21°14	21°11	2°21	4°52	8°47	13°51	29°R56	28°10	4°23	n.a.	S 19
S 20	1 3 27	14°51'32	12°20	28°21	14°10	21°55	21°21	2°27	4°52	8°46	13°52	29°55	28° 7	4°30	n.a.	S 20
M21	1 7 23	15°52'35	24°13	29°52	15°25	22°37	21°31	2°32	4°51	8°46	13°53	29°52	28° 3	4°37	n.a.	M21
T 22	1 11 20	16°53'40	6♎14	1♏22	16°41	23°19	21°41	2°38	4°51	8°45	13°54	29°47	28° 0	4°43	n.a.	T 22
W23	1 15 16	17°54'45	18°25	2°52	17°56	24° 0	21°51	2°44	4°51	8°45	13°55	29°39	27°57	4°50	n.a.	W23
T 24	1 19 13	18°55'52	0♏47	4°22	19°12	24°42	22° 0	2°50	4°51	8°45	13°57	29°30	27°54	4°57	n.a.	T 24
F 25	1 23 10	19°57'00	13°21	5°51	20°28	25°24	22°10	2°55	4°50	8°44	13°58	29°20	27°51	5° 3	n.a.	F 25
S 26	1 27 6	20°58'09	26° 6	7°19	21°43	26° 5	22°20	3° 1	4°50	8°44	13°59	29°11	27°47	5°10	n.a.	S 26
S 27	1 31 3	21°59'18	9♐ 4	8°47	22°59	26°47	22°29	3° 7	4°D50	8°44	14° 0	29° 2	27°44	5°17	n.a.	S 27
M28	1 34 59	23° 0'29	22°13	10°15	24°15	27°29	22°38	3°12	4°50	8°44	14° 2	28°56	27°41	5°23	n.a.	M28
T 29	1 38 56	24° 1'40	5♑36	11°41	25°30	28°11	22°47	3°17	4°50	8°44	14° 3	28°52	27°38	5°30	n.a.	T 29
W30	1 42 52	25° 2'51	19°13	13° 6	26°46	28°53	22°57	3°23	4°51	8°44	14° 4	28°D50	27°35	5°36	n.a.	W30
T 31	1 46 49	26♎ 4'03	3♒ 4	14♏30	28♎ 1	29♍35	23♌ 6	3♍28	4♒51	8♒43	14♐ 6	28♒50	27♒32	5♍43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n47	28s32	4s45	0n29	0n 4	5n 7	1n17	9n17	0n58	16n53	1n12	13n31	2n 9	20s 4	0s46	19s32	1s15	26s 8	3s19	11s34	11s59	10n32		n.a.
W 2	1 22	27 38	4 6	0s15	0s 3	4 36	1 15	9 1	0 58	16 49	1 12	13 29	2 9	20 5	0 46	19 32	1 15	26 8	3 19	11 34	12 0	10 29		n.a.
T 3	0 58	24 59	3 11	0 59	0 9	4 4	1 14	8 45	0 58	16 46	1 12	13 27	2 9	20 5	0 46	19 33	1 15	26 8	3 19	11 33	12 1	10 25		n.a.
F 4	0 33	20 42	2 3	1 44	0 16	3 33	1 13	8 29	0 57	16 42	1 12	13 24	2 9	20 5	0 46	19 33	1 15	26 8	3 19	11 33	12 3	10 22		n.a.
S 5	0 9	15 4	0 45	2 28	0 22	3 1	1 12	8 13	0 57	16 39	1 13	13 22	2 9	20 5	0 46	19 33	1 15	26 8	3 19	11 32	12 4	10 19		n.a.
S 6	0s16	8 28	0n37	3 11	0 29	2 29	1 10	7 56	0 57	16 36	1 13	13 20	2 10	20 6	0 46	19 33	1 15	26 8	3 19	11 32	12 5	10 16		n.a.
M 7	0 40	1 21	1 57	3 55	0 35	1 57	1 9	7 40	0 56	16 32	1 13	13 18	2 10	20 6	0 46	19 33	1 15	26 8	3 19	11 33	12 6	10 12		n.a.
T 8	1 5	5n49	3 8	4 38	0 41	1 25	1 8	7 24	0 56	16 29	1 13	13 15	2 10	20 6	0 46	19 34	1 15	26 9	3 19	11 34	12 7	10 9		n.a.
W 9	1 30	12 34	4 6	5 21	0 48	0 53	1 6	7 7	0 56	16 25	1 13	13 13	2 10	20 6	0 46	19 34	1 15	26 9	3 19	11 36	12 8	10 6		n.a.
T 10	1 54	18 29	4 46	6 4	0 54	0 21	1 5	6 51	0 55	16 22	1 14	13 11	2 10	20 6	0 46	19 34	1 15	26 9	3 19	11 37	12 9	10 3		n.a.
F 11	2 19	23 13	5 8	6 46	1 0	0s11	1 3	6 34	0 55	16 19	1 14	13 9	2 10	20 7	0 46	19 34	1 15	26 9	3 19	11 39	12 10	9 59		n.a.
S 12	2 43	26 30	5 11	7 28	1 6	0 43	1 1	6 18	0 55	16 15	1 14	13 7	2 10	20 7	0 46	19 34	1 15	26 9	3 19	11 41	12 12	9 56		n.a.
S 13	3 8	28 13	4 57	8 9	1 12	1 15	1 0	6 1	0 54	16 12	1 14	13 4	2 11	20 7	0 46	19 34	1 15	26 9	3 19	11 42	12 13	9 53		n.a.
M14	3 32	28 20	4 28	8 50	1 18	1 47	0 58	5 44	0 54	16 9	1 14	13 2	2 11	20 7	0 46	19 35	1 15	26 9	3 19	11 43	12 14	9 49		n.a.
T 15	3 56	27 0	3 48	9 31	1 23	2 19	0 56	5 28	0 54	16 5	1 14	13 0	2 11	20 7	0 46	19 35	1 15	26 9	3 19	11 43	12 15	9 46		n.a.
W16	4 21	24 25	2 58	10 11	1 29	2 51	0 54	5 11	0 53	16 2	1 15	12 58	2 11	20 7	0 46	19 35	1 15	26 9	3 19	11 43	12 16	9 43		n.a.
T 17	4 45	20 49	2 2	10 51	1 34	3 23	0 52	4 54	0 53	15 59	1 15	12 56	2 11	20 7	0 46	19 35	1 15	26 10	3 19	11 42	12 17	9 40		n.a.
F 18	5 9	16 25	1 0	11 30	1 39	3 55	0 51	4 37	0 53	15 56	1 15	12 54	2 11	20 7	0 46	19 35	1 15	26 10	3 19	11 42	12 18	9 36		n.a.
S 19	5 33	11 26	0s 3	12 8	1 44	4 26	0 49	4 20	0 52	15 53	1 15	12 52	2 12	20 8	0 46	19 35	1 15	26 10	3 19	11 42	12 19	9 33		n.a.
S 20	5 57	6 2	1 7	12 46	1 49	4 58	0 47	4 3	0 52	15 50	1 15	12 50	2 12	20 8	0 46	19 35	1 15	26 10	3 19	11 42	12 21	9 30		n.a.
M21	6 21	0 24	2 8	13 23	1 53	5 29	0 45	3 46	0 51	15 46	1 16	12 48	2 12	20 8	0 46	19 35	1 15	26 10	3 19	11 43	12 22	9 27		n.a.
T 22	6 45	5s19	3 3	13 59	1 57	6 1	0 43	3 29	0 51	15 43	1 16	12 46	2 12	20 8	0 46	19 36	1 15	26 10	3 19	11 45	12 23	9 23		n.a.
W23	7 9	10 54	3 51	14 35	2 1	6 32	0 41	3 12	0 51	15 40	1 16	12 44	2 12	20 8	0 46	19 36	1 15	26 10	3 19	11 48	12 24	9 20		n.a.
T 24	7 33	16 8	4 29	15 9	2 5	7 3	0 38	2 55	0 50	15 37	1 16	12 42	2 13	20 8	0 46	19 36	1 15	26 11	3 19	11 51	12 25	9 17		n.a.
F 25	7 56	20 47	4 54	15 43	2 8	7 34	0 36	2 37	0 50	15 34	1 17	12 40	2 13	20 8	0 45	19 36	1 15	26 11	3 19	11 54	12 26	9 13		n.a.
S 26	8 20	24 34	5 6	16 16	2 11	8 5	0 34	2 20	0 50	15 31	1 17	12 38	2 13	20 8	0 45	19 36	1 15	26 11	3 19	11 58	12 27	9 10		n.a.
S 27	8 43	27 10	5 2	16 47	2 14	8 36	0 32	2 3	0 49	15 28	1 17	12 36	2 13	20 8	0 45	19 36	1 15	26 11	3 19	12 1	12 28	9 7		n.a.
M28	9 6	28 19	4 41	17 18	2 16	9 6	0 30	1 46	0 49	15 26	1 17	12 35	2 13	20 8	0 45	19 36	1 15	26 11	3 19	12 3	12 29	9 4		n.a.
T 29	9 29	27 50	4 6	17 47	2 18	9 36	0 28	1 28	0 48	15 23	1 17	12 33	2 13	20 8	0 45	19 36	1 15	26 11	3 19	12 5	12 31	9 0		n.a.
W30	9 52	25 41	3 16	18 15	2 19	10 6	0 25	1 11	0 48	15 20	1 18	12 31	2 14	20 8	0 45	19 36	1 15	26 12	3 19	12 5	12 32	8 57		n.a.
T 31	10s14	21s59	2s14	18s42	2s20	10s36	0n23	0n54	0n47	15n17	1n18	12n29	2n14	20s 7	0s45	19s36	1s14	26s12	3s19	12s 5	12s33	8n54		n.a.

Julian Day Number = 1196832.5, Delta T = 09h26m33s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'34, Lahiri = -23°46'34 Julian Calendar 1 Oct. 1437 BCE == Greg. Calendar 18 Sept. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

NOVEMBER 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 50 46	27♎ 5'15	17♒10	15♏53	29♎17	0♎16	23♌14	3♍33	4♒51	8°R43	14♐ 7	28♒51	27♒28	5♍50	n.a.	F 1
S 2	1 54 42	28° 6'27	1♓31	17°14	0♏32	0°58	23°23	3°38	4°51	8°D43	14° 9	28°R51	27°25	5°56	n.a.	S 2
S 3	1 58 39	29° 7'40	16° 4	18°33	1°48	1°40	23°32	3°43	4°51	8♒43	14°10	28°50	27°22	6° 3	n.a.	S 3
M 4	2 2 35	0♏ 8'53	0♈46	19°50	3° 4	2°22	23°40	3°48	4°52	8°43	14°12	28°46	27°19	6°10	n.a.	M 4
T 5	2 6 32	1°10'06	15°29	21° 4	4°19	3° 5	23°49	3°53	4°52	8°44	14°13	28°40	27°16	6°16	n.a.	T 5
W 6	2 10 28	2°11'21	0♉ 8	22°16	5°35	3°47	23°57	3°58	4°53	8°44	14°15	28°31	27°13	6°23	n.a.	W 6
T 7	2 14 25	3°12'35	14°34	23°23	6°50	4°29	24° 5	4° 3	4°53	8°44	14°16	28°20	27° 9	6°30	n.a.	T 7
F 8	2 18 21	4°13'50	28°40	24°27	8° 6	5°11	24°13	4° 8	4°54	8°44	14°18	28° 9	27° 6	6°36	n.a.	F 8
S 9	2 22 18	5°15'06	12♊23	25°25	9°21	5°53	24°21	4°12	4°55	8°44	14°19	27°59	27° 3	6°43	n.a.	S 9
S 10	2 26 15	6°16'22	25°39	26°19	10°37	6°35	24°28	4°17	4°55	8°44	14°21	27°50	27° 0	6°50	n.a.	S 10
M11	2 30 11	7°17'39	8♋30	27° 6	11°52	7°18	24°36	4°21	4°56	8°45	14°22	27°44	26°57	6°56	n.a.	M11
T 12	2 34 8	8°18'56	20°58	27°45	13° 8	8° 0	24°44	4°26	4°57	8°45	14°24	27°40	26°53	7° 3	n.a.	T 12
W13	2 38 4	9°20'14	3♌ 8	28°17	14°23	8°42	24°51	4°30	4°58	8°45	14°26	27°38	26°50	7°10	n.a.	W13
T 14	2 42 1	10°21'32	15° 4	28°40	15°39	9°25	24°58	4°34	4°58	8°46	14°27	27°D38	26°47	7°16	n.a.	T 14
F 15	2 45 57	11°22'51	26°53	28°54	16°54	10° 7	25° 5	4°39	4°59	8°46	14°29	27°R39	26°44	7°23	n.a.	F 15
S 16	2 49 54	12°24'10	8♍39	28°R56	18° 9	10°50	25°12	4°43	5° 0	8°47	14°31	27°38	26°41	7°30	n.a.	S 16
S 17	2 53 51	13°25'29	20°29	28°48	19°25	11°32	25°19	4°47	5° 1	8°47	14°32	27°36	26°38	7°36	n.a.	S 17
M18	2 57 47	14°26'49	2♎26	28°27	20°40	12°15	25°25	4°51	5° 3	8°48	14°34	27°31	26°34	7°43	n.a.	M18
T 19	3 1 44	15°28'08	14°35	27°55	21°56	12°57	25°32	4°54	5° 4	8°48	14°36	27°23	26°31	7°49	n.a.	T 19
W20	3 5 40	16°29'28	26°58	27°11	23°11	13°40	25°38	4°58	5° 5	8°49	14°37	27°12	26°28	7°56	n.a.	W20
T 21	3 9 37	17°30'48	9♏36	26°17	24°27	14°23	25°44	5° 2	5° 6	8°50	14°39	26°59	26°25	8° 3	n.a.	T 21
F 22	3 13 33	18°32'08	22°30	25°13	25°42	15° 5	25°50	5° 5	5° 7	8°50	14°41	26°46	26°22	8° 9	n.a.	F 22
S 23	3 17 30	19°33'28	5♐38	24° 1	26°57	15°48	25°56	5° 9	5° 9	8°51	14°43	26°32	26°19	8°16	n.a.	S 23
S 24	3 21 26	20°34'47	18°58	22°44	28°13	16°31	26° 2	5°12	5°10	8°52	14°45	26°20	26°15	8°23	n.a.	S 24
M25	3 25 23	21°36'06	2♑29	21°23	29°28	17°14	26° 7	5°15	5°12	8°53	14°46	26°10	26°12	8°29	n.a.	M25
T 26	3 29 20	22°37'25	16° 9	20° 3	0♐43	17°56	26°13	5°19	5°13	8°53	14°48	26° 3	26° 9	8°36	n.a.	T 26
W27	3 33 16	23°38'43	29°57	18°44	1°59	18°39	26°18	5°22	5°15	8°54	14°50	25°59	26° 6	8°43	n.a.	W27
T 28	3 37 13	24°40'00	13♒51	17°31	3°14	19°22	26°23	5°25	5°16	8°55	14°52	25°58	26° 3	8°49	n.a.	T 28
F 29	3 41 9	25°41'17	27°51	16°23	4°29	20° 5	26°28	5°28	5°18	8°56	14°54	25°58	25°59	8°56	n.a.	F 29
S 30	3 45 6	26♏42'32	11♓58	15♏24	5♐45	20♎48	26♌32	5♍31	5♒19	8♒57	14♐55	25♒58	25♒56	9♍ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s37	16s57	1s 2	19s 7	2s20	11s 5	0n21	0n36	0n47	15n14	1n18	12n27	2n14	20s 7	0s45	19s36	1s14	26s12	3s19	12s 5	12s34	8n50		n.a.
S 2	10 59	10 54	0n14	19 30	2 19	11 35	0 18	0 19	0 47	15 12	1 18	12 26	2 14	20 7	0 45	19 36	1 14	26 12	3 19	12 5	12 35	8 47		n.a.
S 3	11 21	4 12	1 31	19 52	2 18	12 4	0 16	0 2	0 46	15 9	1 19	12 24	2 15	20 7	0 45	19 36	1 14	26 12	3 19	12 5	12 36	8 44		n.a.
M 4	11 43	2n46	2 42	20 12	2 16	12 32	0 14	0s16	0 46	15 6	1 19	12 22	2 15	20 7	0 45	19 36	1 14	26 13	3 19	12 7	12 37	8 41		n.a.
T 5	12 5	9 36	3 42	20 29	2 14	13 0	0 11	0 33	0 45	15 4	1 19	12 21	2 15	20 7	0 45	19 36	1 14	26 13	3 19	12 9	12 38	8 37		n.a.
W 6	12 27	15 52	4 27	20 45	2 10	13 28	0 9	0 51	0 45	15 1	1 19	12 19	2 15	20 7	0 45	19 36	1 14	26 13	3 19	12 12	12 39	8 34		n.a.
T 7	12 48	21 10	4 54	20 59	2 6	13 56	0 7	1 8	0 44	14 59	1 20	12 18	2 15	20 7	0 45	19 35	1 14	26 13	3 19	12 16	12 41	8 31		n.a.
F 8	13 9	25 8	5 3	21 10	2 0	14 23	0 4	1 26	0 44	14 56	1 20	12 16	2 16	20 6	0 45	19 35	1 14	26 13	3 19	12 20	12 42	8 27		n.a.
S 9	13 30	27 32	4 54	21 18	1 54	14 50	0 2	1 43	0 43	14 54	1 20	12 15	2 16	20 6	0 45	19 35	1 14	26 14	3 20	12 23	12 43	8 24		n.a.
S 10	13 51	28 16	4 28	21 23	1 46	15 17	0s 0	2 0	0 43	14 51	1 20	12 13	2 16	20 6	0 45	19 35	1 14	26 14	3 20	12 26	12 44	8 21		n.a.
M11	14 11	27 25	3 50	21 26	1 37	15 43	0 3	2 18	0 42	14 49	1 21	12 12	2 16	20 6	0 45	19 35	1 14	26 14	3 20	12 29	12 45	8 17		n.a.
T 12	14 32	25 12	3 2	21 26	1 27	16 8	0 5	2 35	0 42	14 47	1 21	12 10	2 17	20 6	0 45	19 35	1 14	26 14	3 20	12 30	12 46	8 14		n.a.
W13	14 52	21 51	2 7	21 22	1 16	16 34	0 8	2 53	0 41	14 45	1 21	12 9	2 17	20 5	0 45	19 35	1 14	26 14	3 20	12 30	12 47	8 11		n.a.
T 14	15 11	17 40	1 6	21 15	1 3	16 58	0 10	3 10	0 41	14 42	1 21	12 7	2 17	20 5	0 45	19 35	1 14	26 15	3 20	12 30	12 48	8 7		n.a.
F 15	15 31	12 50	0 4	21 4	0 49	17 23	0 12	3 28	0 40	14 40	1 22	12 6	2 17	20 5	0 45	19 35	1 14	26 15	3 20	12 30	12 49	8 4		n.a.
S 16	15 50	7 34	0s58	20 49	0 33	17 47	0 15	3 45	0 40	14 38	1 22	12 5	2 18	20 5	0 45	19 34	1 14	26 15	3 20	12 31	12 50	8 1		n.a.
S 17	16 9	2 2	1 58	20 31	0 16	18 10	0 17	4 2	0 39	14 36	1 22	12 4	2 18	20 4	0 45	19 34	1 14	26 15	3 20	12 31	12 52	7 58		n.a.
M18	16 27	3s38	2 53	20 8	0n 2	18 33	0 19	4 20	0 39	14 34	1 23	12 2	2 18	20 4	0 45	19 34	1 14	26 16	3 20	12 33	12 53	7 54		n.a.
T 19	16 46	9 14	3 41	19 43	0 21	18 55	0 22	4 37	0 38	14 32	1 23	12 1	2 18	20 4	0 45	19 34	1 14	26 16	3 20	12 36	12 54	7 51		n.a.
W20	17 4	14 36	4 20	19 13	0 41	19 17	0 24	4 54	0 38	14 30	1 23	12 0	2 19	20 3	0 45	19 34	1 14	26 16	3 20	12 40	12 55	7 48		n.a.
T 21	17 22	19 28	4 47	18 41	1 1	19 38	0 26	5 12	0 37	14 28	1 23	11 59	2 19	20 3	0 45	19 33	1 14	26 16	3 20	12 44	12 56	7 44		n.a.
F 22	17 39	23 32	4 59	18 6	1 21	19 59	0 29	5 29	0 37	14 27	1 24	11 58	2 19	20 3	0 44	19 33	1 14	26 17	3 20	12 49	12 57	7 41		n.a.
S 23	17 56	26 29	4 56	17 29	1 40	20 19	0 31	5 46	0 36	14 25	1 24	11 57	2 19	20 2	0 44	19 33	1 14	26 17	3 20	12 54	12 58	7 38		n.a.
S 24	18 13	28 0	4 37	16 52	1 59	20 39	0 33	6 3	0 36	14 23	1 24	11 56	2 20	20 2	0 44	19 33	1 14	26 17	3 20	12 58	12 59	7 34		n.a.
M25	18 29	27 53	4 3	16 15	2 16	20 58	0 35	6 21	0 35	14 21	1 25	11 55	2 20	20 1	0 44	19 33	1 14	26 17	3 20	13 1	13 0	7 31		n.a.
T 26	18 45	26 4	3 14	15 38	2 31	21 17	0 37	6 38	0 35	14 20	1 25	11 54	2 20	20 1	0 44	19 32	1 14	26 18	3 20	13 3	13 1	7 28		n.a.
W27	19 1	22 41	2 13	15 4	2 45	21 34	0 40	6 55	0 34	14 18	1 25	11 53	2 20	20 1	0 44	19 32	1 14	26 18	3 20	13 5	13 3	7 24		n.a.
T 28	19 16	17 59	1 4	14 33	2 56	21 52	0 42	7 12	0 33	14 17	1 25	11 52	2 21	20 0	0 44	19 32	1 14	26 18	3 20	13 5	13 4	7 21		n.a.
F 29	19 31	12 17	0n10	14 6	3 4	22 8	0 44	7 29	0 33	14 15	1 26	11 51	2 21	20 0	0 44	19 32	1 14	26 18	3 20	13 5	13 5	7 18		n.a.
S 30	19s46	5s55	1n23	13s43	3n10	22s24	0s46	7s46	0n32	14n14	1n26	11n50	2n21	19s59	0s44	19s31	1s14	26s19	3s20	13s 5	13s 6	7n14		n.a.

Julian Day Number = 1196863.5, Delta T = 09h26m31s
Ecliptic obliquity = 23°51'58, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'30, Lahiri = -23°46'29 Julian Calendar 1 Nov. 1437 BCE == Greg. Calendar 19 Oct. 1437 BCE

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ASTRODIENST EPHEMERIS for the year 1437 BCE
geocentric

DECEMBER 1437 BCE (-1436) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 49 2	27♏43'47	26♓ 9	14°R34	7♐ 0	21♎31	26♌37	5♍33	5♒21	8♒58	14♐57	25°R56	25♒53	9♍ 9	n.a.	S 1
M 2	3 52 59	28°45'01	10♈25	13♏53	8°15	22°14	26°41	5°36	5°23	8°59	14°59	25♒51	25°50	9°16	n.a.	M 2
T 3	3 56 56	29°46'14	24°40	13°22	9°31	22°57	26°45	5°38	5°25	9° 0	15° 1	25°44	25°47	9°23	n.a.	T 3
W 4	4 0 52	0♐47'27	8♉52	13° 1	10°46	23°40	26°49	5°41	5°26	9° 1	15° 3	25°33	25°44	9°29	n.a.	W 4
T 5	4 4 49	1°48'39	22°55	12°49	12° 1	24°23	26°53	5°43	5°28	9° 2	15° 5	25°21	25°40	9°36	n.a.	T 5
F 6	4 8 45	2°49'50	6♊44	12°D47	13°16	25° 6	26°57	5°46	5°30	9° 3	15° 7	25° 8	25°37	9°42	n.a.	F 6
S 7	4 12 42	3°51'00	20°15	12°52	14°31	25°49	27° 0	5°48	5°32	9° 4	15° 9	24°55	25°34	9°49	n.a.	S 7
S 8	4 16 38	4°52'10	3♋25	13° 6	15°47	26°33	27° 4	5°50	5°34	9° 6	15°10	24°45	25°31	9°56	n.a.	S 8
M 9	4 20 35	5°53'19	16°13	13°26	17° 2	27°16	27° 7	5°52	5°36	9° 7	15°12	24°37	25°28	10° 2	n.a.	M 9
T 10	4 24 32	6°54'28	28°41	13°53	18°17	27°59	27°10	5°54	5°38	9° 8	15°14	24°31	25°25	10° 9	n.a.	T 10
W11	4 28 28	7°55'35	10♌52	14°26	19°32	28°43	27°13	5°55	5°41	9° 9	15°16	24°29	25°21	10°16	n.a.	W11
T 12	4 32 25	8°56'42	22°50	15° 4	20°47	29°26	27°15	5°57	5°43	9°11	15°18	24°D28	25°18	10°22	n.a.	T 12
F 13	4 36 21	9°57'48	4♍40	15°47	22° 2	0♏ 9	27°18	5°59	5°45	9°12	15°20	24°R28	25°15	10°29	n.a.	F 13
S 14	4 40 18	10°58'54	16°28	16°34	23°17	0°53	27°20	6° 0	5°47	9°13	15°22	24°28	25°12	10°36	n.a.	S 14
S 15	4 44 14	11°59'59	28°19	17°25	24°32	1°36	27°22	6° 1	5°50	9°15	15°24	24°27	25° 9	10°42	n.a.	S 15
M16	4 48 11	13° 1'03	10♎18	18°20	25°47	2°20	27°24	6° 3	5°52	9°16	15°26	24°23	25° 5	10°49	n.a.	M16
T 17	4 52 7	14° 2'06	22°31	19°18	27° 2	3° 3	27°25	6° 4	5°54	9°18	15°28	24°17	25° 2	10°56	n.a.	T 17
W18	4 56 4	15° 3'08	5♏ 1	20°19	28°17	3°47	27°27	6° 5	5°57	9°19	15°30	24° 8	24°59	11° 2	n.a.	W18
T 19	5 0 1	16° 4'09	17°50	21°22	29°32	4°30	27°28	6° 6	5°59	9°21	15°32	23°58	24°56	11° 9	n.a.	T 19
F 20	5 3 57	17° 5'09	0♐59	22°28	0♑47	5°14	27°29	6° 6	6° 2	9°22	15°34	23°46	24°53	11°16	n.a.	F 20
S 21	5 7 54	18° 6'08	14°27	23°36	2° 2	5°57	27°30	6° 7	6° 4	9°24	15°35	23°34	24°50	11°22	n.a.	S 21
S 22	5 11 50	19° 7'06	28°12	24°47	3°17	6°41	27°31	6° 8	6° 7	9°25	15°37	23°23	24°46	11°29	n.a.	S 22
M23	5 15 47	20° 8'03	12♑10	25°59	4°32	7°25	27°31	6° 8	6° 9	9°27	15°39	23°15	24°43	11°36	n.a.	M23
T 24	5 19 43	21° 8'58	26°17	27°13	5°47	8° 8	27°31	6° 9	6°12	9°29	15°41	23° 9	24°40	11°42	n.a.	T 24
W25	5 23 40	22° 9'51	10♒27	28°28	7° 2	8°52	27°R32	6° 9	6°14	9°30	15°43	23° 6	24°37	11°49	n.a.	W25
T 26	5 27 36	23°10'43	24°39	29°45	8°17	9°36	27°32	6° 9	6°17	9°32	15°45	23°D 6	24°34	11°56	n.a.	T 26
F 27	5 31 33	24°11'33	8♓49	1♐ 3	9°32	10°20	27°31	6°R 9	6°20	9°34	15°47	23° 6	24°31	12° 2	n.a.	F 27
S 28	5 35 30	25°12'21	22°57	2°23	10°47	11° 4	27°31	6° 9	6°23	9°35	15°49	23°R 7	24°27	12° 9	n.a.	S 28
S 29	5 39 26	26°13'08	7♈ 0	3°44	12° 2	11°47	27°30	6° 9	6°25	9°37	15°51	23° 6	24°24	12°16	n.a.	S 29
M30	5 43 23	27°13'52	20°58	5° 6	13°16	12°31	27°29	6° 9	6°28	9°39	15°53	23° 4	24°21	12°22	n.a.	M30
T 31	5 47 19	28♐14'35	4♉51	6♐29	14♑31	13♏15	27♌28	6♍ 9	6♒31	9♒41	15♐55	22♒59	24♒18	12♍29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20s 0	0n46	2n32	13s24	3n14	22s39	0s48	8s 3	0n32	14n13	1n26	11n49	2n21	19s59	0s44	19s31	1s14	26s19	3s20	13s 6	13s 7	7n11			n.a.
M 2	20 14	7 26	3 32	13 10	3 16	22 54	0 50	8 20	0 31	14 12	1 27	11 49	2 22	19 58	0 44	19 31	1 13	26 19	3 20	13 8	13 8	7 8			n.a.
T 3	20 28	13 42	4 18	13 1	3 16	23 8	0 52	8 36	0 30	14 10	1 27	11 48	2 22	19 58	0 44	19 30	1 13	26 20	3 20	13 10	13 9	7 4			n.a.
W 4	20 41	19 14	4 48	12 56	3 15	23 21	0 54	8 53	0 30	14 9	1 27	11 47	2 22	19 57	0 44	19 30	1 13	26 20	3 20	13 14	13 10	7 1			n.a.
T 5	20 53	23 39	5 0	12 55	3 12	23 33	0 56	9 10	0 29	14 8	1 28	11 47	2 23	19 57	0 44	19 30	1 13	26 20	3 21	13 18	13 11	6 58			n.a.
F 6	21 6	26 39	4 54	12 58	3 8	23 45	0 58	9 26	0 29	14 7	1 28	11 46	2 23	19 56	0 44	19 29	1 13	26 20	3 21	13 22	13 12	6 54			n.a.
S 7	21 18	28 1	4 32	13 5	3 2	23 56	1 0	9 43	0 28	14 6	1 28	11 46	2 23	19 56	0 44	19 29	1 13	26 21	3 21	13 27	13 13	6 51			n.a.
S 8	21 29	27 45	3 55	13 15	2 56	24 7	1 2	10 0	0 27	14 5	1 29	11 45	2 23	19 55	0 44	19 29	1 13	26 21	3 21	13 30	13 15	6 48			n.a.
M 9	21 40	25 58	3 8	13 28	2 49	24 16	1 3	10 16	0 27	14 5	1 29	11 45	2 24	19 55	0 44	19 28	1 13	26 21	3 21	13 33	13 16	6 44			n.a.
T 10	21 51	22 57	2 12	13 43	2 42	24 25	1 5	10 32	0 26	14 4	1 29	11 44	2 24	19 54	0 44	19 28	1 13	26 21	3 21	13 35	13 17	6 41			n.a.
W11	22 1	18 58	1 12	14 0	2 34	24 33	1 7	10 49	0 25	14 3	1 29	11 44	2 24	19 54	0 44	19 28	1 13	26 22	3 21	13 36	13 18	6 38			n.a.
T 12	22 11	14 17	0 9	14 19	2 26	24 41	1 8	11 5	0 25	14 3	1 30	11 43	2 24	19 53	0 44	19 27	1 13	26 22	3 21	13 36	13 19	6 34			n.a.
F 13	22 20	9 8	0s54	14 40	2 17	24 47	1 10	11 21	0 24	14 2	1 30	11 43	2 25	19 53	0 44	19 27	1 13	26 22	3 21	13 36	13 20	6 31			n.a.
S 14	22 29	3 41	1 54	15 2	2 8	24 53	1 11	11 37	0 23	14 2	1 30	11 43	2 25	19 52	0 44	19 26	1 13	26 23	3 21	13 36	13 21	6 28			n.a.
S 15	22 38	1s54	2 50	15 25	1 59	24 58	1 13	11 53	0 23	14 1	1 31	11 42	2 25	19 51	0 44	19 26	1 13	26 23	3 21	13 36	13 22	6 24			n.a.
M16	22 46	7 29	3 38	15 50	1 50	25 2	1 14	12 9	0 22	14 1	1 31	11 42	2 26	19 51	0 44	19 26	1 13	26 23	3 21	13 38	13 23	6 21			n.a.
T 17	22 53	12 53	4 18	16 14	1 41	25 6	1 16	12 25	0 21	14 1	1 31	11 42	2 26	19 50	0 44	19 25	1 13	26 24	3 21	13 40	13 24	6 18			n.a.
W18	23 1	17 54	4 46	16 40	1 32	25 8	1 17	12 40	0 21	14 0	1 32	11 42	2 26	19 50	0 44	19 25	1 13	26 24	3 21	13 43	13 25	6 14			n.a.
T 19	23 7	22 15	5 1	17 5	1 23	25 10	1 18	12 56	0 20	14 0	1 32	11 42	2 26	19 49	0 44	19 24	1 13	26 24	3 22	13 46	13 27	6 11			n.a.
F 20	23 14	25 36	5 0	17 31	1 14	25 11	1 20	13 12	0 19	14 0	1 32	11 42	2 27	19 48	0 44	19 24	1 13	26 24	3 22	13 50	13 28	6 8			n.a.
S 21	23 19	27 37	4 43	17 58	1 5	25 12	1 21	13 27	0 19	14 0	1 33	11 42	2 27	19 48	0 44	19 23	1 13	26 25	3 22	13 54	13 29	6 4			n.a.
S 22	23 25	28 0	4 9	18 24	0 56	25 11	1 22	13 42	0 18	14 0	1 33	11 42	2 27	19 47	0 44	19 23	1 13	26 25	3 22	13 58	13 30	6 1			n.a.
M23	23 29	26 37	3 20	18 50	0 47	25 10	1 23	13 57	0 17	14 0	1 33	11 42	2 28	19 46	0 44	19 23	1 13	26 25	3 22	14 1	13 31	5 58			n.a.
T 24	23 34	23 32	2 18	19 16	0 38	25 8	1 24	14 13	0 17	14 1	1 34	11 42	2 28	19 46	0 44	19 22	1 13	26 26	3 22	14 2	13 32	5 54			n.a.
W25	23 38	19 0	1 7	19 42	0 30	25 5	1 25	14 28	0 16	14 1	1 34	11 42	2 28	19 45	0 44	19 22	1 13	26 26	3 22	14 3	13 33	5 51			n.a.
T 26	23 41	13 24	0n 8	20 7	0 21	25 2	1 26	14 42	0 15	14 1	1 34	11 42	2 28	19 44	0 44	19 21	1 13	26 26	3 22	14 4	13 34	5 48			n.a.
F 27	23 44	7 7	1 23	20 32	0 13	24 57	1 27	14 57	0 14	14 2	1 35	11 43	2 29	19 43	0 43	19 21	1 13	26 27	3 22	14 3	13 35	5 44			n.a.
S 28	23 47	0 31	2 33	20 56	0 5	24 52	1 27	15 12	0 14	14 2	1 35	11 43	2 29	19 43	0 43	19 20	1 13	26 27	3 22	14 3	13 36	5 41			n.a.
S 29	23 49	6n 4	3 33	21 20	0s 3	24 46	1 28	15 26	0 13	14 2	1 35	11 43	2 29	19 42	0 43	19 20	1 13	26 27	3 22	14 3	13 37	5 37			n.a.
M30	23 50	12 19	4 20	21 43	0 11	24 40	1 29	15 41	0 12	14 3	1 36	11 44	2 30	19 41	0 43	19 19	1 13	26 27	3 23	14 4	13 38	5 34			n.a.
T 31	23s51	17n55	4n51	22s 5	0s19	24s32	1s29	15s55	0n11	14n 4	1n36	11n44	2n30	19s41	0s43	19s19	1s13	26s28	3s23	14s 6	13s39	5n31			n.a.

Julian Day Number = 1196893.5, Delta T = 09h26m30s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'26, Lahiri = -23°46'25 Julian Calendar 1 Dec. 1437 BCE == Greg. Calendar 18 Nov. 1437 BCE

The year -1436 astronomical counting style corresponds to year 1437 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

JANUARY 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 51 16	29♐15'16	18♉36	7♐53	15♑46	13♏59	27°R27	6°R 8	6♒34	9♒42	15♐56	22°R52	24♒15	12♍35	n.a.	W 1
T 2	5 55 12	0♑15'55	2♊10	9°19	17° 1	14°43	27♌26	6♍ 8	6°37	9°44	15°58	22♒43	24°11	12°42	n.a.	T 2
F 3	5 59 9	1°16'33	15°33	10°45	18°15	15°27	27°24	6° 7	6°40	9°46	16° 0	22°34	24° 8	12°49	n.a.	F 3
S 4	6 3 6	2°17'09	28°42	12°13	19°30	16°11	27°22	6° 6	6°43	9°48	16° 2	22°25	24° 5	12°55	n.a.	S 4
S 5	6 7 2	3°17'43	11♋35	13°41	20°45	16°55	27°20	6° 6	6°46	9°50	16° 4	22°17	24° 2	13° 2	n.a.	S 5
M 6	6 10 59	4°18'15	24°12	15°10	21°59	17°39	27°18	6° 5	6°49	9°52	16° 6	22°11	23°59	13° 9	n.a.	M 6
T 7	6 14 55	5°18'46	6♌33	16°41	23°14	18°23	27°16	6° 4	6°52	9°54	16° 8	22° 7	23°56	13°15	n.a.	T 7
W 8	6 18 52	6°19'15	18°41	18°12	24°28	19° 7	27°13	6° 2	6°55	9°56	16°10	22°D 6	23°52	13°22	n.a.	W 8
T 9	6 22 48	7°19'42	0♍38	19°44	25°43	19°51	27°11	6° 1	6°58	9°58	16°11	22° 6	23°49	13°29	n.a.	T 9
F 10	6 26 45	8°20'08	12°28	21°17	26°58	20°36	27° 8	6° 0	7° 1	10° 0	16°13	22° 8	23°46	13°35	n.a.	F 10
S 11	6 30 41	9°20'32	24°17	22°52	28°12	21°20	27° 5	5°59	7° 4	10° 2	16°15	22° 9	23°43	13°42	n.a.	S 11
S 12	6 34 38	10°20'55	6♎ 8	24°27	29°26	22° 4	27° 1	5°57	7° 7	10° 4	16°17	22°R10	23°40	13°49	n.a.	S 12
M13	6 38 35	11°21'16	18° 7	26° 3	0♒41	22°48	26°58	5°55	7°10	10° 6	16°19	22°10	23°37	13°55	n.a.	M13
T 14	6 42 31	12°21'35	0♏19	27°40	1°55	23°32	26°54	5°54	7°13	10° 8	16°20	22° 8	23°33	14° 2	n.a.	T 14
W15	6 46 28	13°21'53	12°49	29°18	3°10	24°17	26°51	5°52	7°16	10°10	16°22	22° 5	23°30	14° 9	n.a.	W15
T 16	6 50 24	14°22'09	25°41	0♑57	4°24	25° 1	26°47	5°50	7°20	10°12	16°24	22° 0	23°27	14°15	n.a.	T 16
F 17	6 54 21	15°22'23	8♐56	2°37	5°38	25°45	26°43	5°48	7°23	10°14	16°26	21°54	23°24	14°22	n.a.	F 17
S 18	6 58 17	16°22'36	22°36	4°18	6°53	26°30	26°38	5°46	7°26	10°16	16°27	21°48	23°21	14°29	n.a.	S 18
S 19	7 2 14	17°22'47	6♑37	6° 0	8° 7	27°14	26°34	5°44	7°29	10°18	16°29	21°42	23°17	14°35	n.a.	S 19
M20	7 6 10	18°22'56	20°56	7°43	9°21	27°59	26°29	5°41	7°33	10°20	16°31	21°38	23°14	14°42	n.a.	M20
T 21	7 10 7	19°23'03	5♒29	9°27	10°36	28°43	26°24	5°39	7°36	10°23	16°32	21°35	23°11	14°49	n.a.	T 21
W22	7 14 4	20°23'07	20° 7	11°12	11°50	29°27	26°20	5°37	7°39	10°25	16°34	21°D34	23° 8	14°55	n.a.	W22
T 23	7 18 0	21°23'10	4♓45	12°58	13° 4	0♐12	26°14	5°34	7°42	10°27	16°36	21°35	23° 5	15° 2	n.a.	T 23
F 24	7 21 57	22°23'10	19°17	14°45	14°18	0°56	26° 9	5°31	7°46	10°29	16°37	21°36	23° 2	15° 9	n.a.	F 24
S 25	7 25 53	23°23'07	3♈40	16°34	15°32	1°41	26° 4	5°29	7°49	10°31	16°39	21°38	22°58	15°15	n.a.	S 25
S 26	7 29 50	24°23'03	17°49	18°23	16°46	2°25	25°58	5°26	7°52	10°33	16°41	21°R39	22°55	15°22	n.a.	S 26
M27	7 33 46	25°22'55	1♉45	20°14	18° 0	3°10	25°53	5°23	7°56	10°36	16°42	21°39	22°52	15°29	n.a.	M27
T 28	7 37 43	26°22'46	15°26	22° 6	19°14	3°54	25°47	5°20	7°59	10°38	16°44	21°37	22°49	15°35	n.a.	T 28
W29	7 41 39	27°22'34	28°53	23°58	20°28	4°39	25°41	5°17	8° 3	10°40	16°45	21°35	22°46	15°42	n.a.	W29
T 30	7 45 36	28°22'20	12♊ 5	25°52	21°42	5°23	25°35	5°14	8° 6	10°42	16°47	21°32	22°43	15°49	n.a.	T 30
F 31	7 49 33	29♑22'04	25♊ 4	27♑47	22♒56	6♐ 8	25♌29	5♍11	8♒ 9	10♒44	16♐48	21♒28	22♒39	15♍55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23 s52	22n32	5n 5	22 s27	0 s26	24 s24	1 s30	16 s 9	0n11	14n 4	1n36	11n44	2n30	19 s40	0 s43	19 s18	1 s13	26 s28	3 s23	14 s 8	13 s41	5n27			n.a.
T 2	23 52	25 53	5 2	22 48	0 34	24 15	1 30	16 23	0 10	14 5	1 37	11 45	2 30	19 39	0 43	19 18	1 13	26 28	3 23	14 11	13 42	5 24			n.a.
F 3	23 52	27 44	4 42	23 8	0 41	24 6	1 31	16 37	0 9	14 6	1 37	11 45	2 31	19 38	0 43	19 17	1 13	26 29	3 23	14 14	13 43	5 21			n.a.
S 4	23 51	27 59	4 7	23 27	0 48	23 55	1 31	16 51	0 8	14 7	1 37	11 46	2 31	19 37	0 43	19 17	1 13	26 29	3 23	14 17	13 44	5 17			n.a.
S 5	23 49	26 41	3 21	23 45	0 54	23 44	1 31	17 4	0 7	14 8	1 37	11 46	2 31	19 37	0 43	19 16	1 13	26 29	3 23	14 20	13 45	5 14			n.a.
M 6	23 48	24 2	2 25	24 1	1 0	23 32	1 31	17 18	0 7	14 9	1 38	11 47	2 32	19 36	0 43	19 15	1 13	26 30	3 23	14 22	13 46	5 11			n.a.
T 7	23 45	20 18	1 23	24 17	1 6	23 20	1 31	17 31	0 6	14 10	1 38	11 48	2 32	19 35	0 43	19 15	1 13	26 30	3 23	14 23	13 47	5 7			n.a.
W 8	23 43	15 47	0 19	24 32	1 12	23 6	1 32	17 44	0 5	14 11	1 38	11 48	2 32	19 34	0 43	19 14	1 13	26 30	3 23	14 23	13 48	5 4			n.a.
T 9	23 40	10 44	0 s46	24 45	1 18	22 52	1 31	17 57	0 4	14 13	1 39	11 49	2 32	19 34	0 43	19 14	1 13	26 31	3 24	14 23	13 49	5 1			n.a.
F 10	23 36	5 20	1 48	24 57	1 23	22 38	1 31	18 10	0 3	14 14	1 39	11 50	2 33	19 33	0 43	19 13	1 13	26 31	3 24	14 23	13 50	4 57			n.a.
S 11	23 32	0 s13	2 46	25 8	1 28	22 23	1 31	18 22	0 2	14 15	1 39	11 51	2 33	19 32	0 43	19 13	1 13	26 31	3 24	14 22	13 51	4 54			n.a.
S 12	23 27	5 46	3 36	25 17	1 33	22 7	1 31	18 35	0 2	14 17	1 40	11 51	2 33	19 31	0 43	19 12	1 13	26 31	3 24	14 22	13 52	4 50			n.a.
M13	23 22	11 11	4 18	25 25	1 37	21 50	1 31	18 47	0 1	14 18	1 40	11 52	2 33	19 30	0 43	19 12	1 13	26 32	3 24	14 22	13 53	4 47			n.a.
T 14	23 17	16 17	4 49	25 32	1 41	21 33	1 30	18 59	0 s 0	14 20	1 40	11 53	2 34	19 29	0 43	19 11	1 13	26 32	3 24	14 23	13 54	4 44			n.a.
W15	23 11	20 49	5 7	25 37	1 45	21 15	1 30	19 11	0 1	14 21	1 40	11 54	2 34	19 29	0 43	19 10	1 13	26 32	3 24	14 24	13 55	4 40			n.a.
T 16	23 4	24 32	5 10	25 40	1 48	20 57	1 29	19 23	0 2	14 23	1 41	11 55	2 34	19 28	0 43	19 10	1 13	26 33	3 24	14 26	13 57	4 37			n.a.
F 17	22 58	27 5	4 57	25 42	1 51	20 38	1 29	19 35	0 3	14 25	1 41	11 56	2 35	19 27	0 43	19 9	1 13	26 33	3 25	14 27	13 58	4 34			n.a.
S 18	22 50	28 6	4 27	25 42	1 54	20 18	1 28	19 46	0 4	14 26	1 41	11 57	2 35	19 26	0 43	19 9	1 13	26 33	3 25	14 29	13 59	4 30			n.a.
S 19	22 43	27 22	3 41	25 40	1 56	19 58	1 27	19 58	0 4	14 28	1 42	11 58	2 35	19 25	0 43	19 8	1 13	26 34	3 25	14 31	14 0	4 27			n.a.
M20	22 35	24 50	2 40	25 36	1 58	19 37	1 27	20 9	0 5	14 30	1 42	11 59	2 35	19 24	0 43	19 7	1 13	26 34	3 25	14 33	14 1	4 24			n.a.
T 21	22 26	20 38	1 27	25 31	2 0	19 16	1 26	20 20	0 6	14 32	1 42	12 0	2 35	19 23	0 43	19 7	1 13	26 34	3 25	14 34	14 2	4 20			n.a.
W22	22 17	15 10	0 8	25 23	2 1	18 54	1 25	20 30	0 7	14 34	1 42	12 1	2 36	19 23	0 43	19 6	1 13	26 35	3 25	14 34	14 3	4 17			n.a.
T 23	22 8	8 50	1n12	25 14	2 1	18 32	1 24	20 41	0 8	14 36	1 43	12 3	2 36	19 22	0 43	19 6	1 13	26 35	3 25	14 34	14 4	4 14			n.a.
F 24	21 58	2 5	2 26	25 3	2 1	18 9	1 23	20 51	0 9	14 38	1 43	12 4	2 36	19 21	0 43	19 5	1 13	26 35	3 26	14 33	14 5	4 10			n.a.
S 25	21 48	4n41	3 31	24 49	2 1	17 46	1 22	21 1	0 10	14 40	1 43	12 5	2 36	19 20	0 43	19 4	1 13	26 35	3 26	14 33	14 6	4 7			n.a.
S 26	21 37	11 7	4 21	24 34	2 0	17 22	1 20	21 11	0 11	14 42	1 43	12 6	2 37	19 19	0 43	19 4	1 13	26 36	3 26	14 32	14 7	4 3			n.a.
M27	21 26	16 54	4 56	24 16	1 59	16 58	1 19	21 21	0 12	14 44	1 44	12 8	2 37	19 18	0 43	19 3	1 13	26 36	3 26	14 32	14 8	4 0			n.a.
T 28	21 15	21 43	5 12	23 57	1 57	16 33	1 18	21 31	0 13	14 46	1 44	12 9	2 37	19 17	0 43	19 3	1 13	26 36	3 26	14 33	14 9	3 57			n.a.
W29	21 3	25 19	5 12	23 35	1 55	16 8	1 16	21 40	0 13	14 49	1 44	12 10	2 37	19 16	0 43	19 2	1 13	26 37	3 26	14 34	14 10	3 53			n.a.
T 30	20 51	27 30	4 54	23 11	1 52	15 42	1 15	21 49	0 14	14 51	1 44	12 12	2 38	19 15	0 43	19 1	1 13	26 37	3 26	14 35	14 11	3 50			n.a.
F 31	20 s39	28n 8	4n22	22 s45	1 s49	15 s16	1 s14	21 s58	0 s15	14n53	1n44	12n13	2n38	19 s15	0 s43	19 s 1	1 s13	26 s37	3 s27	14 s36	14 s12	3n47			n.a.

Julian Day Number = 1196924.5, Delta T = 09h26m28s
Ecliptic obliquity = 23°51'56, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'22, Lahiri = -23°46'21 Julian Calendar 1 Jan. 1436 BCE == Greg. Calendar 19 Dec. 1437 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

FEBRUARY 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 53 29	0♒21'45	7♋49	29♑43	24♒10	6♐53	25°R23	5°R 7	8♒13	10♒47	16♐50	21°R25	22♒36	16♍ 2	n.a.	S 1
S 2	7 57 26	1°21'24	20°22	1♒40	25°23	7°37	25♌16	5♍ 4	8°16	10°49	16°51	21♒22	22°33	16° 8	n.a.	S 2
M 3	8 1 22	2°21'00	2♌42	3°38	26°37	8°22	25°10	5° 1	8°19	10°51	16°53	21°20	22°30	16°15	n.a.	M 3
T 4	8 5 19	3°20'35	14°52	5°36	27°51	9° 6	25° 3	4°57	8°23	10°53	16°54	21°19	22°27	16°22	n.a.	T 4
W 5	8 9 15	4°20'07	26°53	7°36	29° 4	9°51	24°56	4°54	8°26	10°56	16°56	21°D19	22°23	16°28	n.a.	W 5
T 6	8 13 12	5°19'37	8♍47	9°35	0♓18	10°36	24°49	4°50	8°30	10°58	16°57	21°20	22°20	16°35	n.a.	T 6
F 7	8 17 8	6°19'05	20°36	11°35	1°31	11°20	24°43	4°47	8°33	11° 0	16°58	21°21	22°17	16°42	n.a.	F 7
S 8	8 21 5	7°18'31	2♎25	13°36	2°45	12° 5	24°36	4°43	8°36	11° 2	17° 0	21°22	22°14	16°48	n.a.	S 8
S 9	8 25 1	8°17'55	14°16	15°36	3°58	12°50	24°28	4°39	8°40	11° 5	17° 1	21°24	22°11	16°55	n.a.	S 9
M10	8 28 58	9°17'18	26°15	17°36	5°12	13°35	24°21	4°35	8°43	11° 7	17° 2	21°25	22° 8	17° 2	n.a.	M10
T 11	8 32 55	10°16'38	8♏26	19°36	6°25	14°19	24°14	4°31	8°47	11° 9	17° 4	21°R25	22° 4	17° 8	n.a.	T 11
W12	8 36 51	11°15'56	20°53	21°34	7°39	15° 4	24° 7	4°27	8°50	11°12	17° 5	21°25	22° 1	17°15	n.a.	W12
T 13	8 40 48	12°15'13	3♐42	23°32	8°52	15°49	23°59	4°23	8°54	11°14	17° 6	21°24	21°58	17°22	n.a.	T 13
F 14	8 44 44	13°14'28	16°54	25°28	10° 5	16°34	23°52	4°19	8°57	11°16	17° 8	21°23	21°55	17°28	n.a.	F 14
S 15	8 48 41	14°13'40	0♑32	27°22	11°18	17°18	23°44	4°15	9° 0	11°18	17° 9	21°22	21°52	17°35	n.a.	S 15
S 16	8 52 37	15°12'51	14°36	29°13	12°31	18° 3	23°37	4°11	9° 4	11°21	17°10	21°22	21°48	17°42	n.a.	S 16
M17	8 56 34	16°12'00	29° 4	1♓ 2	13°45	18°48	23°29	4° 7	9° 7	11°23	17°11	21°21	21°45	17°48	n.a.	M17
T 18	9 0 30	17°11'06	13♒51	2°47	14°58	19°33	23°22	4° 3	9°11	11°25	17°12	21°21	21°42	17°55	n.a.	T 18
W19	9 4 27	18°10'11	28°49	4°29	16°11	20°17	23°14	3°58	9°14	11°27	17°13	21°D21	21°39	18° 2	n.a.	W19
T 20	9 8 24	19° 9'13	13♓51	6° 7	17°24	21° 2	23° 6	3°54	9°17	11°30	17°14	21°21	21°36	18° 8	n.a.	T 20
F 21	9 12 20	20° 8'12	28°48	7°40	18°36	21°47	22°59	3°50	9°21	11°32	17°16	21°21	21°33	18°15	n.a.	F 21
S 22	9 16 17	21° 7'09	13♈32	9° 9	19°49	22°32	22°51	3°46	9°24	11°34	17°17	21°R21	21°29	18°22	n.a.	S 22
S 23	9 20 13	22° 6'04	27°58	10°33	21° 2	23°17	22°43	3°41	9°27	11°36	17°18	21°21	21°26	18°28	n.a.	S 23
M24	9 24 10	23° 4'57	12♉ 3	11°51	22°15	24° 1	22°35	3°37	9°31	11°39	17°19	21°21	21°23	18°35	n.a.	M24
T 25	9 28 6	24° 3'47	25°45	13° 4	23°27	24°46	22°28	3°32	9°34	11°41	17°20	21°D21	21°20	18°42	n.a.	T 25
W26	9 32 3	25° 2'35	9♊ 5	14°11	24°40	25°31	22°20	3°28	9°37	11°43	17°21	21°21	21°17	18°48	n.a.	W26
T 27	9 35 59	26° 1'20	22° 6	15°12	25°53	26°16	22°12	3°23	9°41	11°45	17°21	21°21	21°14	18°55	n.a.	T 27
F 28	9 39 56	27♒ 0'03	4♋49	16♓ 8	27♓ 5	27♐ 0	22♌ 5	3♍19	9♒44	11♒48	17♐22	21♒22	21♒10	19♍ 2	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s26	27n15	3n37	22s17	1s45	14s50	1s12	22s 7	0s16	14n56	1n45	12n14	2n38	19s14	0s43	19s 0	1s13	26s38	3s27	14s37	14s13	3n43		n.a.
S 2	20 13	24 58	2 43	21 46	1 40	14 23	1 10	22 15	0 17	14 58	1 45	12 16	2 38	19 13	0 43	18 59	1 13	26 38	3 27	14 38	14 15	3 40		n.a.
M 3	19 59	21 32	1 41	21 14	1 35	13 56	1 9	22 23	0 18	15 0	1 45	12 17	2 38	19 12	0 43	18 59	1 13	26 38	3 27	14 38	14 16	3 37		n.a.
T 4	19 45	17 14	0 36	20 39	1 29	13 29	1 7	22 32	0 19	15 3	1 45	12 19	2 39	19 11	0 43	18 58	1 13	26 39	3 27	14 39	14 17	3 33		n.a.
W 5	19 31	12 17	0s31	20 2	1 23	13 1	1 5	22 39	0 20	15 5	1 45	12 20	2 39	19 10	0 43	18 58	1 13	26 39	3 27	14 39	14 18	3 30		n.a.
T 6	19 16	6 57	1 35	19 23	1 16	12 33	1 3	22 47	0 21	15 8	1 45	12 22	2 39	19 9	0 43	18 57	1 13	26 39	3 27	14 39	14 19	3 26		n.a.
F 7	19 2	1 25	2 35	18 42	1 8	12 4	1 1	22 54	0 22	15 10	1 46	12 23	2 39	19 8	0 43	18 56	1 13	26 39	3 28	14 38	14 20	3 23		n.a.
S 8	18 46	4s 9	3 28	18 0	1 0	11 36	0 59	23 1	0 23	15 13	1 46	12 25	2 39	19 7	0 43	18 56	1 13	26 40	3 28	14 38	14 21	3 20		n.a.
S 9	18 31	9 36	4 13	17 15	0 51	11 7	0 57	23 8	0 24	15 16	1 46	12 26	2 39	19 6	0 43	18 55	1 13	26 40	3 28	14 37	14 22	3 16		n.a.
M10	18 15	14 45	4 47	16 29	0 42	10 37	0 55	23 15	0 25	15 18	1 46	12 28	2 40	19 6	0 43	18 54	1 13	26 40	3 28	14 37	14 23	3 13		n.a.
T 11	17 59	19 26	5 9	15 42	0 32	10 8	0 53	23 21	0 26	15 21	1 46	12 30	2 40	19 5	0 43	18 54	1 13	26 41	3 28	14 37	14 24	3 10		n.a.
W12	17 42	23 23	5 17	14 54	0 21	9 38	0 51	23 28	0 27	15 23	1 46	12 31	2 40	19 4	0 43	18 53	1 13	26 41	3 28	14 37	14 25	3 6		n.a.
T 13	17 26	26 20	5 10	14 4	0 10	9 8	0 48	23 34	0 28	15 26	1 47	12 33	2 40	19 3	0 43	18 53	1 13	26 41	3 29	14 37	14 26	3 3		n.a.
F 14	17 9	27 57	4 46	13 14	0n 1	8 38	0 46	23 39	0 29	15 29	1 47	12 35	2 40	19 2	0 43	18 52	1 13	26 41	3 29	14 37	14 27	2 59		n.a.
S 15	16 51	27 58	4 6	12 24	0 13	8 7	0 44	23 45	0 30	15 31	1 47	12 36	2 40	19 1	0 43	18 51	1 13	26 42	3 29	14 38	14 28	2 56		n.a.
S 16	16 34	26 12	3 10	11 33	0 25	7 37	0 41	23 50	0 31	15 34	1 47	12 38	2 41	19 0	0 43	18 51	1 13	26 42	3 29	14 38	14 29	2 53		n.a.
M17	16 16	22 40	2 1	10 43	0 38	7 6	0 39	23 55	0 32	15 36	1 47	12 40	2 41	18 59	0 43	18 50	1 13	26 42	3 29	14 38	14 30	2 49		n.a.
T 18	15 58	17 38	0 42	9 53	0 50	6 35	0 36	24 0	0 33	15 39	1 47	12 41	2 41	18 58	0 43	18 49	1 13	26 43	3 29	14 38	14 31	2 46		n.a.
W19	15 39	11 27	0n41	9 4	1 3	6 4	0 34	24 4	0 34	15 42	1 47	12 43	2 41	18 57	0 43	18 49	1 13	26 43	3 30	14 38	14 32	2 43		n.a.
T 20	15 21	4 35	2 2	8 16	1 16	5 32	0 31	24 9	0 35	15 44	1 47	12 45	2 41	18 56	0 43	18 48	1 13	26 43	3 30	14 38	14 33	2 39		n.a.
F 21	15 2	2n28	3 13	7 29	1 28	5 1	0 28	24 13	0 36	15 47	1 47	12 46	2 41	18 55	0 43	18 48	1 13	26 43	3 30	14 38	14 34	2 36		n.a.
S 22	14 43	9 17	4 11	6 44	1 40	4 29	0 26	24 16	0 37	15 50	1 47	12 48	2 41	18 55	0 43	18 47	1 13	26 44	3 30	14 38	14 35	2 33		n.a.
S 23	14 23	15 28	4 52	6 1	1 52	3 58	0 23	24 20	0 38	15 52	1 47	12 50	2 41	18 54	0 43	18 46	1 13	26 44	3 30	14 38	14 37	2 29		n.a.
M24	14 4	20 41	5 13	5 20	2 4	3 26	0 20	24 23	0 39	15 55	1 47	12 52	2 41	18 53	0 43	18 46	1 13	26 44	3 30	14 38	14 38	2 26		n.a.
T 25	13 44	24 39	5 17	4 42	2 15	2 54	0 17	24 26	0 41	15 58	1 47	12 53	2 42	18 52	0 43	18 45	1 13	26 45	3 31	14 38	14 39	2 22		n.a.
W26	13 24	27 11	5 3	4 6	2 26	2 22	0 14	24 29	0 42	16 0	1 47	12 55	2 42	18 51	0 43	18 44	1 13	26 45	3 31	14 38	14 40	2 19		n.a.
T 27	13 4	28 10	4 33	3 32	2 36	1 51	0 11	24 31	0 43	16 3	1 47	12 57	2 42	18 50	0 43	18 44	1 13	26 45	3 31	14 38	14 41	2 16		n.a.
F 28	12s44	27n37	3n51	3s 2	2n45	1s19	0s 9	24s34	0s44	16n 5	1n47	12n58	2n42	18s49	0s43	18s43	1s13	26s45	3s31	14s38	14s42	2n12		n.a.

Julian Day Number = 1196955.5, Delta T = 09h26m26s
Ecliptic obliquity = 23°51'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'17, Lahiri = -23°46'17 Julian Calendar 1 Feb. 1436 BCE == Greg. Calendar 19 Jan. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

MARCH 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 43 52	27♒58'43	17♋17	16♓57	28♓17	27♐45	21°R57	3°R14	9♒47	11♒50	17♐23	21♒23	21♒ 7	19♍ 8	n.a.	S 1
S 2	9 47 49	28°57'21	29°32	17°39	29°30	28°30	21♌49	3♍10	9°51	11°52	17°24	21°23	21° 4	19°15	n.a.	S 2
M 3	9 51 46	29°55'57	11♌38	18°15	0♈42	29°15	21°42	3° 5	9°54	11°54	17°25	21°24	21° 1	19°22	n.a.	M 3
T 4	9 55 42	0♓54'31	23°37	18°45	1°54	29°59	21°34	3° 1	9°57	11°56	17°26	21°R24	20°58	19°28	n.a.	T 4
W 5	9 59 39	1°53'03	5♍30	19° 9	3° 7	0♉44	21°27	2°56	10° 0	11°59	17°26	21°24	20°54	19°35	n.a.	W 5
T 6	10 3 35	2°51'32	17°20	19°26	4°19	1°29	21°19	2°52	10° 4	12° 1	17°27	21°23	20°51	19°42	n.a.	T 6
F 7	10 7 32	3°50'00	29°10	19°37	5°31	2°14	21°12	2°47	10° 7	12° 3	17°28	21°21	20°48	19°48	n.a.	F 7
S 8	10 11 28	4°48'25	11♎ 0	19°R41	6°43	2°59	21° 4	2°43	10°10	12° 5	17°29	21°19	20°45	19°55	n.a.	S 8
S 9	10 15 25	5°46'49	22°54	19°39	7°55	3°43	20°57	2°38	10°13	12° 7	17°29	21°17	20°42	20° 2	n.a.	S 9
M10	10 19 21	6°45'11	4♏56	19°32	9° 6	4°28	20°50	2°34	10°16	12° 9	17°30	21°15	20°39	20° 8	n.a.	M10
T 11	10 23 18	7°43'31	17° 7	19°19	10°18	5°13	20°43	2°29	10°19	12°11	17°30	21°13	20°35	20°15	n.a.	T 11
W12	10 27 14	8°41'50	29°33	19° 1	11°30	5°57	20°36	2°25	10°23	12°13	17°31	21°12	20°32	20°22	n.a.	W12
T 13	10 31 11	9°40'07	12♐18	18°38	12°41	6°42	20°29	2°20	10°26	12°15	17°32	21°D12	20°29	20°28	n.a.	T 13
F 14	10 35 8	10°38'22	25°23	18°11	13°53	7°27	20°22	2°16	10°29	12°17	17°32	21°13	20°26	20°35	n.a.	F 14
S 15	10 39 4	11°36'36	8♑54	17°40	15° 4	8°11	20°15	2°11	10°32	12°20	17°33	21°14	20°23	20°42	n.a.	S 15
S 16	10 43 1	12°34'48	22°51	17° 6	16°16	8°56	20° 8	2° 7	10°35	12°22	17°33	21°15	20°20	20°48	n.a.	S 16
M17	10 46 57	13°32'58	7♒14	16°29	17°27	9°41	20° 2	2° 2	10°38	12°24	17°33	21°16	20°16	20°55	n.a.	M17
T 18	10 50 54	14°31'06	22° 0	15°51	18°39	10°25	19°55	1°58	10°41	12°26	17°34	21°R17	20°13	21° 2	n.a.	T 18
W19	10 54 50	15°29'13	7♓ 3	15°11	19°50	11°10	19°49	1°54	10°44	12°28	17°34	21°16	20°10	21° 8	n.a.	W19
T 20	10 58 47	16°27'18	22°16	14°31	21° 1	11°55	19°43	1°49	10°47	12°30	17°35	21°14	20° 7	21°15	n.a.	T 20
F 21	11 2 43	17°25'21	7♈27	13°52	22°12	12°39	19°36	1°45	10°50	12°31	17°35	21°11	20° 4	21°22	n.a.	F 21
S 22	11 6 40	18°23'23	22°29	13°14	23°23	13°24	19°30	1°41	10°52	12°33	17°35	21° 8	20° 0	21°28	n.a.	S 22
S 23	11 10 36	19°21'22	7♉11	12°37	24°34	14° 8	19°24	1°37	10°55	12°35	17°36	21° 4	19°57	21°35	n.a.	S 23
M24	11 14 33	20°19'19	21°29	12° 2	25°45	14°53	19°19	1°32	10°58	12°37	17°36	21° 1	19°54	21°42	n.a.	M24
T 25	11 18 30	21°17'15	5♊20	11°31	26°55	15°37	19°13	1°28	11° 1	12°39	17°36	20°58	19°51	21°48	n.a.	T 25
W26	11 22 26	22°15'08	18°43	11° 2	28° 6	16°21	19° 8	1°24	11° 4	12°41	17°36	20°D57	19°48	21°55	n.a.	W26
T 27	11 26 23	23°13'00	1♋42	10°38	29°16	17° 6	19° 2	1°20	11° 6	12°43	17°36	20°58	19°45	22° 2	n.a.	T 27
F 28	11 30 19	24°10'49	14°18	10°17	0♉27	17°50	18°57	1°16	11° 9	12°45	17°36	20°59	19°41	22° 8	n.a.	F 28
S 29	11 34 16	25° 8'37	26°38	10° 1	1°37	18°34	18°52	1°12	11°12	12°46	17°37	21° 0	19°38	22°15	n.a.	S 29
S 30	11 38 12	26° 6'23	8♌44	9°48	2°47	19°19	18°47	1° 8	11°14	12°48	17°37	21° 2	19°35	22°22	n.a.	S 30
M31	11 42 9	27♓ 4'07	20♌41	9♓41	3♉58	20♑ 3	18♌42	1♍ 4	11♒17	12♒50	17♐37	21°R 3	19♒32	22♍28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	12s23	25n40	2n58	2s35	2n54	0s47	0s 6	24s36	0s45	16n 8	1n47	13n 0	2n42	18s48	0s43	18s43	1s13	26s46	3s31	14s38	14s43	2n 9		n.a.	
S 2	12 3	22 32	1 58	2 11	3 1	0 15	0 3	24 37	0 46	16 10	1 47	13 2	2 42	18 47	0 43	18 42	1 13	26 46	3 31	14 37	14 44	2 6		n.a.	
M 3	11 42	18 28	0 54	1 51	3 8	0n17	0n 0	24 39	0 47	16 13	1 47	13 4	2 42	18 47	0 43	18 41	1 13	26 46	3 32	14 37	14 45	2 2		n.a.	
T 4	11 21	13 42	0s12	1 34	3 13	0 49	0 3	24 40	0 48	16 15	1 47	13 5	2 42	18 46	0 43	18 41	1 13	26 46	3 32	14 37	14 46	1 59		n.a.	
W 5	11 0	8 28	1 17	1 21	3 18	1 21	0 6	24 41	0 49	16 18	1 47	13 7	2 42	18 45	0 43	18 40	1 13	26 47	3 32	14 37	14 47	1 56		n.a.	
T 6	10 38	2 58	2 19	1 11	3 21	1 53	0 9	24 42	0 50	16 20	1 47	13 9	2 42	18 44	0 43	18 40	1 13	26 47	3 32	14 38	14 48	1 52		n.a.	
F 7	10 17	2s37	3 14	1 5	3 23	2 25	0 13	24 42	0 51	16 23	1 47	13 11	2 42	18 43	0 43	18 39	1 13	26 47	3 32	14 38	14 49	1 49		n.a.	
S 8	9 55	8 7	4 1	1 2	3 24	2 57	0 16	24 42	0 52	16 25	1 47	13 12	2 42	18 42	0 43	18 38	1 13	26 47	3 33	14 39	14 50	1 45		n.a.	
S 9	9 33	13 21	4 38	1 3	3 24	3 29	0 19	24 42	0 54	16 27	1 47	13 14	2 42	18 41	0 43	18 38	1 13	26 48	3 33	14 40	14 51	1 42		n.a.	
M10	9 11	18 8	5 3	1 8	3 21	4 0	0 22	24 42	0 55	16 30	1 47	13 16	2 42	18 41	0 43	18 37	1 13	26 48	3 33	14 40	14 52	1 39		n.a.	
T 11	8 49	22 16	5 15	1 16	3 18	4 32	0 25	24 41	0 56	16 32	1 47	13 17	2 42	18 40	0 43	18 37	1 13	26 48	3 33	14 41	14 53	1 35		n.a.	
W12	8 27	25 30	5 13	1 28	3 13	5 3	0 28	24 41	0 57	16 34	1 47	13 19	2 42	18 39	0 43	18 36	1 13	26 48	3 33	14 41	14 54	1 32		n.a.	
T 13	8 5	27 32	4 55	1 43	3 7	5 35	0 31	24 39	0 58	16 36	1 47	13 21	2 42	18 38	0 43	18 36	1 13	26 49	3 33	14 41	14 55	1 29		n.a.	
F 14	7 42	28 8	4 22	2 1	2 59	6 6	0 34	24 38	0 59	16 39	1 47	13 22	2 42	18 37	0 43	18 35	1 13	26 49	3 34	14 41	14 56	1 25		n.a.	
S 15	7 20	27 6	3 33	2 22	2 50	6 37	0 38	24 37	1 0	16 41	1 47	13 24	2 42	18 36	0 43	18 34	1 13	26 49	3 34	14 41	14 57	1 22		n.a.	
S 16	6 57	24 22	2 30	2 45	2 39	7 8	0 41	24 35	1 1	16 43	1 47	13 25	2 42	18 35	0 43	18 34	1 13	26 49	3 34	14 40	14 58	1 19		n.a.	
M17	6 35	20 2	1 17	3 10	2 28	7 39	0 44	24 33	1 2	16 45	1 47	13 27	2 42	18 35	0 43	18 33	1 13	26 49	3 34	14 40	14 59	1 15		n.a.	
T 18	6 12	14 22	0n 4	3 37	2 15	8 9	0 47	24 30	1 4	16 47	1 46	13 29	2 42	18 34	0 43	18 33	1 13	26 50	3 34	14 40	15 0	1 12		n.a.	
W19	5 49	7 45	1 26	4 5	2 1	8 40	0 50	24 28	1 5	16 49	1 46	13 30	2 42	18 33	0 43	18 32	1 13	26 50	3 35	14 40	15 1	1 9		n.a.	
T 20	5 26	0 39	2 42	4 34	1 46	9 10	0 53	24 25	1 6	16 51	1 46	13 32	2 42	18 32	0 44	18 32	1 13	26 50	3 35	14 40	15 2	1 5		n.a.	
F 21	5 3	6n29	3 47	5 4	1 31	9 40	0 57	24 22	1 7	16 52	1 46	13 33	2 42	18 31	0 44	18 31	1 13	26 50	3 35	14 41	15 3	1 2		n.a.	
S 22	4 40	13 9	4 35	5 34	1 15	10 10	1 0	24 18	1 8	16 54	1 46	13 35	2 42	18 31	0 44	18 31	1 13	26 51	3 35	14 43	15 4	0 58		n.a.	
S 23	4 17	18 56	5 4	6 3	0 58	10 39	1 3	24 15	1 9	16 56	1 46	13 36	2 42	18 30	0 44	18 30	1 13	26 51	3 35	14 44	15 5	0 55		n.a.	
M24	3 54	23 29	5 13	6 32	0 42	11 8	1 6	24 11	1 10	16 58	1 46	13 38	2 42	18 29	0 44	18 30	1 13	26 51	3 35	14 45	15 6	0 52		n.a.	
T 25	3 31	26 33	5 4	6 59	0 25	11 37	1 9	24 7	1 11	16 59	1 45	13 39	2 42	18 28	0 44	18 29	1 14	26 51	3 36	14 46	15 7	0 48		n.a.	
W26	3 8	27 59	4 38	7 25	0 9	12 6	1 12	24 3	1 12	17 1	1 45	13 41	2 42	18 28	0 44	18 29	1 14	26 51	3 36	14 46	15 8	0 45		n.a.	
T 27	2 44	27 49	3 58	7 50	0s 8	12 35	1 15	23 58	1 14	17 3	1 45	13 42	2 42	18 27	0 44	18 28	1 14	26 52	3 36	14 46	15 9	0 42		n.a.	
F 28	2 21	26 11	3 8	8 12	0 24	13 3	1 18	23 53	1 15	17 4	1 45	13 43	2 42	18 26	0 44	18 28	1 14	26 52	3 36	14 45	15 10	0 38		n.a.	
S 29	1 58	23 19	2 10	8 33	0 39	13 31	1 21	23 48	1 16	17 5	1 45	13 45	2 42	18 25	0 44	18 27	1 14	26 52	3 36	14 45	15 11	0 35		n.a.	
S 30	1 34	19 28	1 7	8 51	0 54	13 58	1 24	23 43	1 17	17 7	1 45	13 46	2 41	18 25	0 44	18 27	1 14	26 52	3 37	14 44	15 12	0 32		n.a.	
M31	1s11	14n53	0n 2	9s 7	1s 8	14n25	1n27	23s38	1s18	17n 8	1n44	13n48	2n41	18s24	0s44	18s26	1s14	26s52	3s37	14s44	15s13	0n28		n.a.	

Julian Day Number = 1196983.5, Delta T = 09h26m24s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'13, Lahiri = -23°46'13 Julian Calendar 1 March 1436 BCE == Greg. Calendar 16 Feb. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

APRIL 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 46 5	28♓ 1'49	2♍32	9°D38	5♉ 8	20♑47	18°R38	1°R 1	11♒20	12♒52	17°R37	21°R 2	19♒29	22♍35	n.a.	T 1
W 2	11 50 2	28°59'29	14°21	9♓40	6°18	21°31	18♌33	0♍57	11°22	12°53	17♐37	20♒59	19°26	22°42	n.a.	W 2
T 3	11 53 59	29°57'08	26°10	9°46	7°28	22°16	18°29	0°53	11°25	12°55	17°37	20°55	19°22	22°48	n.a.	T 3
F 4	11 57 55	0♈54'46	8♎ 1	9°57	8°37	23° 0	18°25	0°50	11°27	12°57	17°37	20°49	19°19	22°55	n.a.	F 4
S 5	12 1 52	1°52'22	19°56	10°13	9°47	23°44	18°21	0°46	11°30	12°58	17°36	20°42	19°16	23° 2	n.a.	S 5
S 6	12 5 48	2°49'56	1♏56	10°33	10°57	24°28	18°17	0°42	11°32	13° 0	17°36	20°34	19°13	23° 8	n.a.	S 6
M 7	12 9 45	3°47'30	14° 5	10°58	12° 6	25°12	18°13	0°39	11°34	13° 2	17°36	20°27	19°10	23°15	n.a.	M 7
T 8	12 13 41	4°45'02	26°23	11°26	13°15	25°56	18°10	0°36	11°37	13° 3	17°36	20°20	19° 6	23°22	n.a.	T 8
W 9	12 17 38	5°42'33	8♐53	11°59	14°25	26°40	18° 6	0°32	11°39	13° 5	17°36	20°15	19° 3	23°28	n.a.	W 9
T 10	12 21 34	6°40'03	21°38	12°36	15°34	27°24	18° 3	0°29	11°41	13° 6	17°36	20°12	19° 0	23°35	n.a.	T 10
F 11	12 25 31	7°37'33	4♑41	13°17	16°43	28° 8	18° 0	0°26	11°44	13° 8	17°35	20°D11	18°57	23°42	n.a.	F 11
S 12	12 29 28	8°35'01	18° 4	14° 1	17°52	28°51	17°57	0°23	11°46	13° 9	17°35	20°11	18°54	23°48	n.a.	S 12
S 13	12 33 24	9°32'28	1♒51	14°49	19° 1	29°35	17°55	0°20	11°48	13°11	17°35	20°12	18°51	23°55	n.a.	S 13
M14	12 37 21	10°29'54	16° 2	15°41	20° 9	0♒19	17°52	0°17	11°50	13°12	17°34	20°R13	18°47	24° 2	n.a.	M14
T 15	12 41 17	11°27'20	0♓36	16°36	21°18	1° 3	17°50	0°14	11°52	13°14	17°34	20°13	18°44	24° 8	n.a.	T 15
W16	12 45 14	12°24'44	15°30	17°34	22°26	1°46	17°48	0°11	11°54	13°15	17°34	20°11	18°41	24°15	n.a.	W16
T 17	12 49 10	13°22'07	0♈37	18°36	23°35	2°30	17°46	0° 9	11°56	13°16	17°33	20° 6	18°38	24°22	n.a.	T 17
F 18	12 53 7	14°19'29	15°48	19°41	24°43	3°13	17°44	0° 6	11°58	13°18	17°33	20° 0	18°35	24°28	n.a.	F 18
S 19	12 57 3	15°16'51	0♉54	20°49	25°51	3°57	17°43	0° 3	12° 0	13°19	17°32	19°52	18°31	24°35	n.a.	S 19
S 20	13 1 0	16°14'11	15°43	21°59	26°59	4°40	17°41	0° 1	12° 2	13°20	17°32	19°43	18°28	24°42	n.a.	S 20
M21	13 4 57	17°11'30	0♊10	23°13	28° 7	5°23	17°40	29♌59	12° 4	13°21	17°31	19°35	18°25	24°48	n.a.	M21
T 22	13 8 53	18° 8'48	14° 8	24°30	29°14	6° 6	17°39	29°56	12° 6	13°23	17°31	19°29	18°22	24°55	n.a.	T 22
W23	13 12 50	19° 6'05	27°37	25°49	0♊22	6°50	17°38	29°54	12° 8	13°24	17°30	19°25	18°19	25° 2	n.a.	W23
T 24	13 16 46	20° 3'21	10♋38	27°11	1°29	7°33	17°37	29°52	12° 9	13°25	17°30	19°23	18°16	25° 8	n.a.	T 24
F 25	13 20 43	21° 0'35	23°15	28°37	2°37	8°16	17°37	29°50	12°11	13°26	17°29	19°D22	18°12	25°15	n.a.	F 25
S 26	13 24 39	21°57'49	5♌33	0♈ 4	3°44	8°59	17°37	29°48	12°13	13°27	17°28	19°23	18° 9	25°22	n.a.	S 26
S 27	13 28 36	22°55'01	17°36	1°35	4°51	9°42	17°D37	29°46	12°14	13°28	17°28	19°R23	18° 6	25°28	n.a.	S 27
M28	13 32 32	23°52'12	29°29	3° 8	5°57	10°24	17°37	29°44	12°16	13°29	17°27	19°23	18° 3	25°35	n.a.	M28
T 29	13 36 29	24°49'22	11♍18	4°44	7° 4	11° 7	17°37	29°43	12°18	13°30	17°26	19°21	18° 0	25°42	n.a.	T 29
W30	13 40 26	25♈46'32	23♍ 6	6♈22	8♊10	11♒50	17♌37	29♌41	12♒19	13♒31	17♐26	19♒16	17♒57	25♍48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s48	9n47	1s 2	9s21	1s22	14n52	1n30	23s32	1s19	17n10	1n44	13n49	2n41	18s23	0s44	18s26	1s14	26s53	3s37	14s44	15s14	0n25		n.a.
W 2	0 24	4 22	2 4	9 32	1 34	15 19	1 33	23 26	1 20	17 11	1 44	13 50	2 41	18 23	0 44	18 25	1 14	26 53	3 37	14 45	15 15	0 22		n.a.
T 3	0 1	1s11	2 59	9 41	1 46	15 45	1 36	23 20	1 22	17 12	1 44	13 51	2 41	18 22	0 44	18 25	1 14	26 53	3 37	14 47	15 16	0 18		n.a.
F 4	0n22	6 42	3 47	9 47	1 57	16 11	1 38	23 13	1 23	17 13	1 44	13 53	2 41	18 21	0 44	18 24	1 14	26 53	3 38	14 49	15 18	0 15		n.a.
S 5	0 45	12 1	4 26	9 50	2 8	16 36	1 41	23 7	1 24	17 14	1 43	13 54	2 41	18 21	0 44	18 24	1 14	26 53	3 38	14 51	15 19	0 12		n.a.
S 6	1 9	16 55	4 53	9 51	2 17	17 1	1 44	23 0	1 25	17 15	1 43	13 55	2 41	18 20	0 44	18 23	1 14	26 53	3 38	14 53	15 20	0 8		n.a.
M 7	1 32	21 13	5 7	9 49	2 26	17 25	1 46	22 53	1 26	17 16	1 43	13 56	2 41	18 19	0 44	18 23	1 14	26 54	3 38	14 56	15 21	0 5		n.a.
T 8	1 55	24 39	5 7	9 45	2 33	17 50	1 49	22 46	1 27	17 17	1 43	13 57	2 40	18 19	0 44	18 23	1 14	26 54	3 38	14 58	15 22	0 1		n.a.
W 9	2 18	26 59	4 53	9 39	2 40	18 13	1 52	22 38	1 28	17 18	1 42	13 58	2 40	18 18	0 44	18 22	1 14	26 54	3 38	14 59	15 23	0s 2		n.a.
T 10	2 42	27 59	4 24	9 30	2 46	18 36	1 54	22 31	1 29	17 19	1 42	13 59	2 40	18 17	0 44	18 22	1 14	26 54	3 39	15 0	15 24	0 5		n.a.
F 11	3 5	27 27	3 41	9 19	2 51	18 59	1 57	22 23	1 31	17 19	1 42	14 0	2 40	18 17	0 44	18 21	1 14	26 54	3 39	15 1	15 25	0 9		n.a.
S 12	3 28	25 20	2 45	9 5	2 56	19 22	1 59	22 15	1 32	17 20	1 42	14 1	2 40	18 16	0 44	18 21	1 14	26 54	3 39	15 1	15 26	0 12		n.a.
S 13	3 51	21 41	1 37	8 50	2 59	19 43	2 1	22 7	1 33	17 21	1 42	14 2	2 40	18 16	0 44	18 21	1 14	26 55	3 39	15 0	15 27	0 15		n.a.
M14	4 14	16 40	0 23	8 32	3 2	20 5	2 4	21 58	1 34	17 21	1 41	14 3	2 40	18 15	0 44	18 20	1 14	26 55	3 39	15 0	15 28	0 19		n.a.
T 15	4 37	10 36	0n56	8 12	3 4	20 25	2 6	21 50	1 35	17 22	1 41	14 4	2 39	18 14	0 44	18 20	1 14	26 55	3 40	15 0	15 29	0 22		n.a.
W16	4 59	3 48	2 12	7 49	3 5	20 46	2 8	21 41	1 36	17 22	1 41	14 5	2 39	18 14	0 44	18 20	1 14	26 55	3 40	15 1	15 30	0 25		n.a.
T 17	5 22	3n17	3 19	7 25	3 5	21 6	2 10	21 32	1 37	17 22	1 41	14 6	2 39	18 13	0 44	18 19	1 14	26 55	3 40	15 2	15 31	0 29		n.a.
F 18	5 45	10 12	4 13	6 59	3 5	21 25	2 12	21 23	1 38	17 23	1 40	14 6	2 39	18 13	0 44	18 19	1 14	26 55	3 40	15 5	15 32	0 32		n.a.
S 19	6 7	16 29	4 49	6 31	3 4	21 44	2 14	21 13	1 39	17 23	1 40	14 7	2 39	18 12	0 44	18 19	1 15	26 55	3 40	15 7	15 33	0 35		n.a.
S 20	6 30	21 41	5 5	6 1	3 2	22 2	2 16	21 4	1 41	17 23	1 40	14 8	2 39	18 12	0 44	18 18	1 15	26 56	3 40	15 10	15 34	0 39		n.a.
M21	6 52	25 26	5 0	5 29	3 0	22 19	2 17	20 54	1 42	17 23	1 40	14 9	2 38	18 11	0 44	18 18	1 15	26 56	3 41	15 12	15 35	0 42		n.a.
T 22	7 14	27 30	4 38	4 55	2 57	22 36	2 19	20 44	1 43	17 23	1 39	14 9	2 38	18 11	0 44	18 18	1 15	26 56	3 41	15 14	15 36	0 45		n.a.
W23	7 36	27 51	4 1	4 20	2 53	22 53	2 21	20 34	1 44	17 23	1 39	14 10	2 38	18 10	0 45	18 17	1 15	26 56	3 41	15 16	15 37	0 49		n.a.
T 24	7 59	26 37	3 12	3 42	2 49	23 9	2 22	20 24	1 45	17 23	1 39	14 11	2 38	18 10	0 45	18 17	1 15	26 56	3 41	15 16	15 38	0 52		n.a.
F 25	8 20	24 2	2 15	3 3	2 44	23 24	2 24	20 14	1 46	17 23	1 39	14 11	2 38	18 9	0 45	18 17	1 15	26 56	3 41	15 16	15 39	0 55		n.a.
S 26	8 42	20 24	1 13	2 23	2 38	23 39	2 25	20 3	1 47	17 23	1 38	14 12	2 38	18 9	0 45	18 16	1 15	26 56	3 42	15 16	15 40	0 59		n.a.
S 27	9 4	15 59	0 10	1 40	2 32	23 53	2 26	19 52	1 48	17 23	1 38	14 12	2 37	18 9	0 45	18 16	1 15	26 56	3 42	15 16	15 41	1 2		n.a.
M28	9 25	11 1	0s54	0 57	2 25	24 6	2 27	19 42	1 49	17 23	1 38	14 13	2 37	18 8	0 45	18 16	1 15	26 56	3 42	15 16	15 42	1 5		n.a.
T 29	9 47	5 42	1 54	0 11	2 18	24 19	2 29	19 31	1 50	17 22	1 38	14 13	2 37	18 8	0 45	18 16	1 15	26 57	3 42	15 17	15 43	1 9		n.a.
W30	10n 8	0n12	2s49	0n35	2s10	24n31	2n29	19s20	1s51	17n22	1n37	14n13	2n37	18s 7	0s45	18s15	1s15	26s57	3s42	15s19	15s44	1s12		n.a.

Julian Day Number = 1197014.5, Delta T = 09h26m23s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'09, Lahiri = -23°46'09 Julian Calendar 1 Apr. 1436 BCE == Greg. Calendar 19 March 1436 BCE

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

MAY 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 44 22	26♈43'40	4♎57	8♈ 3	9♊17	12♒32	17♌38	29°R40	12♒20	13♒32	17°R25	19°R 9	17♒53	25♍55	n.a.	T 1
F 2	13 48 19	27°40'48	16°53	9°47	10°23	13°15	17°39	29♌38	12°22	13°33	17♐24	18♒59	17°50	26° 2	n.a.	F 2
S 3	13 52 15	28°37'55	28°56	11°34	11°29	13°57	17°40	29°37	12°23	13°34	17°23	18°47	17°47	26° 8	n.a.	S 3
S 4	13 56 12	29°35'02	11♏ 7	13°23	12°35	14°40	17°41	29°36	12°25	13°35	17°22	18°35	17°44	26°15	n.a.	S 4
M 5	14 0 8	0♉32'08	23°27	15°14	13°40	15°22	17°42	29°35	12°26	13°36	17°21	18°23	17°41	26°22	n.a.	M 5
T 6	14 4 5	1°29'14	5♐58	17° 8	14°45	16° 4	17°44	29°34	12°27	13°36	17°21	18°12	17°37	26°28	n.a.	T 6
W 7	14 8 1	2°26'19	18°39	19° 4	15°51	16°46	17°45	29°33	12°28	13°37	17°20	18° 4	17°34	26°35	n.a.	W 7
T 8	14 11 58	3°23'25	1♑33	21° 3	16°56	17°28	17°47	29°32	12°29	13°38	17°19	17°57	17°31	26°42	n.a.	T 8
F 9	14 15 55	4°20'30	14°41	23° 3	18° 0	18°10	17°49	29°31	12°30	13°39	17°18	17°54	17°28	26°49	n.a.	F 9
S 10	14 19 51	5°17'35	28° 4	25° 6	19° 5	18°52	17°51	29°30	12°31	13°39	17°17	17°53	17°25	26°55	n.a.	S 10
S 11	14 23 48	6°14'40	11♒45	27°11	20° 9	19°34	17°54	29°30	12°32	13°40	17°16	17°53	17°22	27° 2	n.a.	S 11
M12	14 27 44	7°11'45	25°45	29°17	21°13	20°16	17°56	29°29	12°33	13°41	17°15	17°53	17°18	27° 9	n.a.	M12
T 13	14 31 41	8° 8'50	10♓ 5	1♉25	22°17	20°57	17°59	29°29	12°34	13°41	17°14	17°51	17°15	27°15	n.a.	T 13
W14	14 35 37	9° 5'55	24°42	3°33	23°21	21°39	18° 2	29°29	12°35	13°42	17°13	17°48	17°12	27°22	n.a.	W14
T 15	14 39 34	10° 3'00	9♈31	5°43	24°24	22°20	18° 5	29°29	12°36	13°42	17°12	17°42	17° 9	27°29	n.a.	T 15
F 16	14 43 31	11° 0'05	24°27	7°53	25°28	23° 1	18° 8	29°D29	12°37	13°43	17°11	17°33	17° 6	27°35	n.a.	F 16
S 17	14 47 27	11°57'10	9♉21	10° 4	26°31	23°42	18°11	29°29	12°37	13°43	17°10	17°22	17° 2	27°42	n.a.	S 17
S 18	14 51 24	12°54'15	24° 3	12°15	27°33	24°23	18°15	29°29	12°38	13°44	17° 9	17°11	16°59	27°49	n.a.	S 18
M19	14 55 20	13°51'20	8♊26	14°25	28°36	25° 4	18°19	29°29	12°39	13°44	17° 8	17° 1	16°56	27°55	n.a.	M19
T 20	14 59 17	14°48'25	22°24	16°36	29°38	25°45	18°23	29°29	12°39	13°44	17° 6	16°52	16°53	28° 2	n.a.	T 20
W21	15 3 13	15°45'29	5♋55	18°45	0♋40	26°26	18°27	29°30	12°40	13°45	17° 5	16°45	16°50	28° 9	n.a.	W21
T 22	15 7 10	16°42'34	18°59	20°54	1°42	27° 6	18°31	29°30	12°40	13°45	17° 4	16°41	16°47	28°15	n.a.	T 22
F 23	15 11 7	17°39'38	1♌38	23° 1	2°43	27°47	18°35	29°31	12°41	13°45	17° 3	16°39	16°43	28°22	n.a.	F 23
S 24	15 15 3	18°36'42	13°57	25° 7	3°44	28°27	18°40	29°32	12°41	13°45	17° 2	16°39	16°40	28°29	n.a.	S 24
S 25	15 19 0	19°33'46	26° 1	27°12	4°45	29° 7	18°44	29°32	12°41	13°46	17° 1	16°39	16°37	28°35	n.a.	S 25
M26	15 22 56	20°30'50	7♍55	29°15	5°45	29°47	18°49	29°33	12°42	13°46	16°59	16°38	16°34	28°42	n.a.	M26
T 27	15 26 53	21°27'54	19°44	1♊17	6°45	0♓27	18°54	29°34	12°42	13°46	16°58	16°36	16°31	28°49	n.a.	T 27
W28	15 30 49	22°24'57	1♎34	3°17	7°45	1° 7	18°59	29°35	12°42	13°46	16°57	16°31	16°28	28°55	n.a.	W28
T 29	15 34 46	23°22'01	13°28	5°15	8°44	1°46	19° 5	29°37	12°42	13°46	16°56	16°23	16°24	29° 2	n.a.	T 29
F 30	15 38 42	24°19'05	25°30	7°11	9°43	2°26	19°10	29°38	12°42	13°R46	16°54	16°13	16°21	29° 9	n.a.	F 30
S 31	15 42 39	25♉16'10	7♏42	9♊ 6	10♋41	3♓ 5	19♌16	29♌39	12°R42	13♒46	16♐53	16♒ 1	16♒18	29♍15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n29	5s19	3s37	1n24	2s 2	24n43	2n30	19s 8	1s53	17n22	1n37	14n14	2n37	18s 7	0s45	18s15	1s15	26s57	3s42	15s21	15s45	1s15			n.a.
F 2	10 50	10 40	4 16	2 13	1 53	24 54	2 31	18 57	1 54	17 21	1 37	14 14	2 36	18 7	0 45	18 15	1 15	26 57	3 43	15 24	15 46	1 19			n.a.
S 3	11 11	15 41	4 44	3 4	1 44	25 4	2 32	18 46	1 55	17 20	1 36	14 14	2 36	18 6	0 45	18 15	1 15	26 57	3 43	15 28	15 47	1 22			n.a.
S 4	11 31	20 9	4 59	3 56	1 34	25 13	2 32	18 34	1 56	17 20	1 36	14 15	2 36	18 6	0 45	18 15	1 15	26 57	3 43	15 31	15 47	1 25			n.a.
M 5	11 52	23 48	5 0	4 49	1 24	25 22	2 33	18 22	1 57	17 19	1 36	14 15	2 36	18 6	0 45	18 14	1 15	26 57	3 43	15 35	15 48	1 29			n.a.
T 6	12 12	26 24	4 47	5 42	1 14	25 31	2 33	18 10	1 58	17 18	1 36	14 15	2 36	18 5	0 45	18 14	1 15	26 57	3 43	15 39	15 49	1 32			n.a.
W 7	12 32	27 41	4 20	6 37	1 4	25 38	2 33	17 58	1 59	17 18	1 35	14 15	2 35	18 5	0 45	18 14	1 15	26 57	3 43	15 41	15 50	1 35			n.a.
T 8	12 52	27 31	3 39	7 32	0 53	25 45	2 33	17 46	2 0	17 17	1 35	14 15	2 35	18 5	0 45	18 14	1 15	26 57	3 44	15 43	15 51	1 39			n.a.
F 9	13 12	25 48	2 46	8 28	0 42	25 52	2 33	17 34	2 1	17 16	1 35	14 15	2 35	18 4	0 45	18 14	1 16	26 57	3 44	15 44	15 52	1 42			n.a.
S 10	13 31	22 36	1 43	9 24	0 31	25 57	2 33	17 22	2 2	17 15	1 35	14 15	2 35	18 4	0 45	18 14	1 16	26 57	3 44	15 45	15 53	1 45			n.a.
S 11	13 50	18 5	0 32	10 20	0 20	26 2	2 33	17 9	2 3	17 14	1 34	14 15	2 34	18 4	0 45	18 13	1 16	26 58	3 44	15 45	15 54	1 49			n.a.
M12	14 9	12 30	0n42	11 16	0 9	26 6	2 33	16 57	2 4	17 13	1 34	14 15	2 34	18 4	0 45	18 13	1 16	26 58	3 44	15 45	15 55	1 52			n.a.
T 13	14 28	6 10	1 55	12 12	0n 2	26 10	2 32	16 44	2 5	17 12	1 34	14 15	2 34	18 3	0 45	18 13	1 16	26 58	3 44	15 45	15 56	1 55			n.a.
W14	14 47	0n37	3 1	13 7	0 12	26 13	2 31	16 32	2 6	17 11	1 34	14 15	2 34	18 3	0 45	18 13	1 16	26 58	3 44	15 46	15 57	1 58			n.a.
T 15	15 5	7 27	3 57	14 1	0 23	26 15	2 31	16 19	2 7	17 10	1 33	14 15	2 34	18 3	0 45	18 13	1 16	26 58	3 45	15 48	15 58	2 2			n.a.
F 16	15 24	13 55	4 37	14 54	0 33	26 17	2 30	16 6	2 8	17 8	1 33	14 15	2 33	18 3	0 45	18 13	1 16	26 58	3 45	15 51	15 59	2 5			n.a.
S 17	15 42	19 33	4 58	15 46	0 43	26 18	2 29	15 53	2 9	17 7	1 33	14 15	2 33	18 3	0 45	18 13	1 16	26 58	3 45	15 54	16 0	2 8			n.a.
S 18	15 59	23 56	4 58	16 36	0 52	26 18	2 28	15 40	2 10	17 6	1 33	14 14	2 33	18 3	0 45	18 13	1 16	26 58	3 45	15 58	16 1	2 12			n.a.
M19	16 17	26 43	4 40	17 25	1 1	26 18	2 26	15 27	2 11	17 4	1 32	14 14	2 33	18 2	0 46	18 13	1 16	26 58	3 45	16 1	16 2	2 15			n.a.
T 20	16 34	27 43	4 5	18 12	1 9	26 17	2 25	15 14	2 12	17 3	1 32	14 14	2 32	18 2	0 46	18 13	1 16	26 58	3 45	16 4	16 3	2 18			n.a.
W21	16 51	27 1	3 18	18 56	1 17	26 15	2 23	15 1	2 13	17 1	1 32	14 13	2 32	18 2	0 46	18 13	1 16	26 58	3 46	16 6	16 4	2 22			n.a.
T 22	17 8	24 49	2 21	19 39	1 24	26 13	2 22	14 47	2 14	17 0	1 31	14 13	2 32	18 2	0 46	18 12	1 16	26 58	3 46	16 7	16 5	2 25			n.a.
F 23	17 24	21 26	1 19	20 19	1 30	26 10	2 20	14 34	2 15	16 58	1 31	14 12	2 32	18 2	0 46	18 12	1 16	26 58	3 46	16 7	16 6	2 28			n.a.
S 24	17 40	17 10	0 14	20 56	1 36	26 6	2 18	14 21	2 16	16 56	1 31	14 12	2 32	18 2	0 46	18 12	1 16	26 58	3 46	16 7	16 7	2 32			n.a.
S 25	17 56	12 18	0s49	21 31	1 41	26 2	2 15	14 7	2 17	16 55	1 31	14 11	2 31	18 2	0 46	18 12	1 16	26 58	3 46	16 8	16 8	2 35			n.a.
M26	18 12	7 3	1 50	22 4	1 45	25 57	2 13	13 54	2 18	16 53	1 30	14 11	2 31	18 2	0 46	18 12	1 16	26 58	3 46	16 8	16 9	2 38			n.a.
T 27	18 27	1 36	2 45	22 34	1 49	25 52	2 11	13 40	2 19	16 51	1 30	14 10	2 31	18 2	0 46	18 12	1 16	26 58	3 46	16 9	16 10	2 41			n.a.
W28	18 42	3s53	3 34	23 1	1 52	25 46	2 8	13 27	2 20	16 49	1 30	14 10	2 31	18 2	0 46	18 13	1 17	26 58	3 46	16 10	16 11	2 45			n.a.
T 29	18 57	9 17	4 13	23 26	1 55	25 39	2 5	13 13	2 21	16 47	1 30	14 9	2 30	18 2	0 46	18 13	1 17	26 58	3 47	16 12	16 12	2 48			n.a.
F 30	19 11	14 23	4 41	23 48	1 56	25 32	2 2	12 59	2 22	16 45	1 29	14 8	2 30	18 2	0 46	18 13	1 17	26 58	3 47	16 15	16 13	2 51			n.a.
S 31	19n25	19s 0	4s57	24n 8	1n57	25n24	1n59	12s46	2s23	16n43	1n29	14n 8	2n30	18s 2	0s46	18s13	1s17	26s58	3s47	16s19	16s14	2s55			n.a.

Julian Day Number = 1197044.5, Delta T = 09h26m21s
Ecliptic obliquity = 23°51'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'05, Lahiri = -23°46'05 Julian Calendar 1 May 1436 BCE == Greg. Calendar 18 Apr. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

JUNE 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 46 36	26♉13'14	20♏ 6	10♊58	11♋39	3♓44	19♌21	29♌41	12°R42	13°R46	16°R52	15°R49	16♒15	29♍22	n.a.	S 1
M 2	15 50 32	27°10'19	2♐42	12°49	12°37	4°24	19°27	29°42	12♒42	13♒46	16♐50	15♒36	16°12	29°29	n.a.	M 2
T 3	15 54 29	28° 7'25	15°29	14°38	13°34	5° 2	19°33	29°44	12°42	13°46	16°49	15°25	16° 8	29°36	n.a.	T 3
W 4	15 58 25	29° 4'31	28°29	16°25	14°31	5°41	19°39	29°46	12°42	13°46	16°48	15°16	16° 5	29°42	n.a.	W 4
T 5	16 2 22	0♊ 1'38	11♑40	18°10	15°28	6°20	19°46	29°48	12°42	13°45	16°46	15° 9	16° 2	29°49	n.a.	T 5
F 6	16 6 18	0°58'46	25° 2	19°53	16°24	6°58	19°52	29°50	12°41	13°45	16°45	15° 6	15°59	29°56	n.a.	F 6
S 7	16 10 15	1°55'54	8♒35	21°35	17°19	7°37	19°59	29°52	12°41	13°45	16°44	15° 4	15°56	0♎ 2	n.a.	S 7
S 8	16 14 12	2°53'03	22°21	23°14	18°14	8°15	20° 5	29°54	12°41	13°45	16°42	15°D 4	15°53	0° 9	n.a.	S 8
M 9	16 18 8	3°50'14	6♓18	24°51	19° 9	8°53	20°12	29°56	12°40	13°45	16°41	15°R 4	15°49	0°16	n.a.	M 9
T 10	16 22 5	4°47'25	20°28	26°27	20° 3	9°31	20°19	29°58	12°40	13°44	16°40	15° 3	15°46	0°22	n.a.	T 10
W11	16 26 1	5°44'37	4♈48	28° 1	20°56	10° 8	20°26	0♍ 1	12°39	13°44	16°38	15° 1	15°43	0°29	n.a.	W11
T 12	16 29 58	6°41'50	19°17	29°33	21°49	10°46	20°34	0° 3	12°39	13°43	16°37	14°55	15°40	0°36	n.a.	T 12
F 13	16 33 54	7°39'04	3♉50	1♋ 3	22°41	11°23	20°41	0° 6	12°38	13°43	16°36	14°48	15°37	0°42	n.a.	F 13
S 14	16 37 51	8°36'20	18°20	2°31	23°33	12° 0	20°49	0° 9	12°38	13°43	16°34	14°38	15°34	0°49	n.a.	S 14
S 15	16 41 47	9°33'36	2♊42	3°57	24°24	12°37	20°56	0°11	12°37	13°42	16°33	14°28	15°30	0°56	n.a.	S 15
M16	16 45 44	10°30'54	16°49	5°21	25°14	13°13	21° 4	0°14	12°36	13°42	16°31	14°19	15°27	1° 2	n.a.	M16
T 17	16 49 41	11°28'12	0♋36	6°43	26° 4	13°50	21°12	0°17	12°35	13°41	16°30	14°11	15°24	1° 9	n.a.	T 17
W18	16 53 37	12°25'31	13°59	8° 3	26°53	14°26	21°20	0°20	12°35	13°40	16°29	14° 5	15°21	1°16	n.a.	W18
T 19	16 57 34	13°22'51	27° 0	9°21	27°41	15° 2	21°28	0°23	12°34	13°40	16°27	14° 1	15°18	1°23	n.a.	T 19
F 20	17 1 30	14°20'12	9♌38	10°37	28°28	15°38	21°36	0°27	12°33	13°39	16°26	14°D 0	15°14	1°29	n.a.	F 20
S 21	17 5 27	15°17'33	21°58	11°51	29°15	16°14	21°45	0°30	12°32	13°39	16°24	14° 0	15°11	1°36	n.a.	S 21
S 22	17 9 23	16°14'55	4♍ 3	13° 2	0♌ 1	16°49	21°53	0°33	12°31	13°38	16°23	14° 1	15° 8	1°43	n.a.	S 22
M23	17 13 20	17°12'18	15°58	14°11	0°46	17°24	22° 2	0°37	12°30	13°37	16°22	14°R 1	15° 5	1°49	n.a.	M23
T 24	17 17 16	18° 9'42	27°49	15°18	1°30	17°59	22°10	0°40	12°29	13°36	16°20	14° 1	15° 2	1°56	n.a.	T 24
W25	17 21 13	19° 7'07	9♎40	16°22	2°13	18°34	22°19	0°44	12°28	13°36	16°19	13°58	14°59	2° 3	n.a.	W25
T 26	17 25 10	20° 4'33	21°38	17°23	2°55	19° 8	22°28	0°47	12°27	13°35	16°17	13°54	14°55	2° 9	n.a.	T 26
F 27	17 29 6	21° 2'00	3♏44	18°22	3°37	19°43	22°37	0°51	12°25	13°34	16°16	13°48	14°52	2°16	n.a.	F 27
S 28	17 33 3	21°59'27	16° 4	19°18	4°17	20°17	22°46	0°55	12°24	13°33	16°14	13°40	14°49	2°23	n.a.	S 28
S 29	17 36 59	22°56'57	28°39	20°11	4°56	20°50	22°55	0°59	12°23	13°32	16°13	13°31	14°46	2°29	n.a.	S 29
M30	17 40 56	23♊54'27	11♐29	21♋ 0	5♌34	21♓24	23♌ 5	1♍ 3	12♒21	13♒31	16♐12	13♒22	14♒43	2♎36	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n39	22s53	5s 0	24n26	1n58	25n16	1n56	12s32	2s24	16n41	1n29	14n 7	2n30	18s 2	0s46	18s13	1s17	26s58	3s47	16s23	16s15	2s58		n.a.
M 2	19 53	25 46	4 47	24 41	1 57	25 7	1 52	12 18	2 25	16 39	1 29	14 6	2 30	18 2	0 46	18 13	1 17	26 58	3 47	16 27	16 16	3 1		n.a.
T 3	20 6	27 23	4 21	24 54	1 57	24 58	1 49	12 5	2 25	16 37	1 29	14 5	2 29	18 2	0 46	18 13	1 17	26 58	3 47	16 30	16 17	3 5		n.a.
W 4	20 18	27 31	3 40	25 4	1 55	24 48	1 45	11 51	2 26	16 35	1 28	14 5	2 29	18 2	0 46	18 13	1 17	26 58	3 47	16 33	16 18	3 8		n.a.
T 5	20 31	26 7	2 47	25 12	1 53	24 37	1 41	11 37	2 27	16 32	1 28	14 4	2 29	18 2	0 46	18 13	1 17	26 58	3 47	16 35	16 19	3 11		n.a.
F 6	20 43	23 13	1 44	25 19	1 51	24 26	1 37	11 23	2 28	16 30	1 28	14 3	2 29	18 2	0 46	18 13	1 17	26 58	3 48	16 36	16 20	3 14		n.a.
S 7	20 55	18 59	0 34	25 23	1 47	24 15	1 32	11 10	2 29	16 28	1 28	14 2	2 28	18 2	0 46	18 13	1 17	26 58	3 48	16 36	16 21	3 18		n.a.
S 8	21 6	13 42	0n39	25 25	1 44	24 3	1 28	10 56	2 30	16 25	1 27	14 1	2 28	18 3	0 46	18 13	1 17	26 58	3 48	16 36	16 22	3 21		n.a.
M 9	21 18	7 39	1 50	25 25	1 40	23 50	1 23	10 42	2 31	16 23	1 27	14 0	2 28	18 3	0 46	18 14	1 17	26 58	3 48	16 36	16 23	3 24		n.a.
T 10	21 28	1 9	2 56	25 24	1 35	23 38	1 18	10 29	2 32	16 20	1 27	13 59	2 28	18 3	0 46	18 14	1 17	26 58	3 48	16 36	16 24	3 28		n.a.
W11	21 39	5n29	3 52	25 21	1 30	23 24	1 13	10 15	2 32	16 18	1 27	13 58	2 28	18 3	0 46	18 14	1 17	26 58	3 48	16 37	16 25	3 31		n.a.
T 12	21 49	11 53	4 33	25 16	1 24	23 11	1 8	10 1	2 33	16 15	1 26	13 57	2 27	18 3	0 46	18 14	1 17	26 58	3 48	16 39	16 25	3 34		n.a.
F 13	21 58	17 40	4 57	25 10	1 18	22 57	1 2	9 47	2 34	16 13	1 26	13 55	2 27	18 4	0 47	18 14	1 17	26 58	3 48	16 41	16 26	3 37		n.a.
S 14	22 8	22 25	5 2	25 2	1 11	22 42	0 57	9 34	2 35	16 10	1 26	13 54	2 27	18 4	0 47	18 14	1 17	26 58	3 48	16 44	16 27	3 41		n.a.
S 15	22 17	25 46	4 48	24 53	1 4	22 27	0 51	9 20	2 36	16 7	1 26	13 53	2 27	18 4	0 47	18 15	1 17	26 58	3 49	16 47	16 28	3 44		n.a.
M16	22 25	27 27	4 16	24 42	0 57	22 12	0 45	9 6	2 37	16 5	1 26	13 52	2 27	18 4	0 47	18 15	1 18	26 58	3 49	16 50	16 29	3 47		n.a.
T 17	22 33	27 22	3 30	24 31	0 49	21 56	0 38	8 53	2 37	16 2	1 25	13 51	2 26	18 4	0 47	18 15	1 18	26 57	3 49	16 52	16 30	3 50		n.a.
W18	22 41	25 39	2 33	24 18	0 41	21 41	0 32	8 39	2 38	15 59	1 25	13 49	2 26	18 5	0 47	18 15	1 18	26 57	3 49	16 54	16 31	3 54		n.a.
T 19	22 49	22 36	1 30	24 4	0 33	21 24	0 25	8 26	2 39	15 56	1 25	13 48	2 26	18 5	0 47	18 15	1 18	26 57	3 49	16 55	16 32	3 57		n.a.
F 20	22 56	18 32	0 23	23 49	0 24	21 8	0 18	8 12	2 40	15 53	1 25	13 47	2 26	18 5	0 47	18 16	1 18	26 57	3 49	16 55	16 33	4 0		n.a.
S 21	23 2	13 46	0s43	23 34	0 14	20 51	0 11	7 59	2 41	15 50	1 25	13 45	2 26	18 6	0 47	18 16	1 18	26 57	3 49	16 55	16 34	4 4		n.a.
S 22	23 8	8 34	1 45	23 18	0 5	20 34	0 4	7 46	2 41	15 47	1 24	13 44	2 25	18 6	0 47	18 16	1 18	26 57	3 49	16 55	16 35	4 7		n.a.
M23	23 14	3 8	2 43	23 1	0s 5	20 17	0s 4	7 32	2 42	15 44	1 24	13 42	2 25	18 6	0 47	18 16	1 18	26 57	3 49	16 55	16 36	4 10		n.a.
T 24	23 20	2s21	3 33	22 43	0 15	20 0	0 11	7 19	2 43	15 41	1 24	13 41	2 25	18 7	0 47	18 17	1 18	26 57	3 49	16 55	16 37	4 13		n.a.
W25	23 25	7 46	4 14	22 25	0 26	19 42	0 19	7 6	2 44	15 38	1 24	13 39	2 25	18 7	0 47	18 17	1 18	26 57	3 49	16 56	16 38	4 17		n.a.
T 26	23 29	12 57	4 44	22 7	0 36	19 24	0 28	6 53	2 44	15 35	1 24	13 38	2 25	18 7	0 47	18 17	1 18	26 57	3 50	16 57	16 39	4 20		n.a.
F 27	23 33	17 42	5 2	21 48	0 47	19 6	0 36	6 40	2 45	15 32	1 23	13 36	2 24	18 8	0 47	18 17	1 18	26 57	3 50	16 59	16 40	4 23		n.a.
S 28	23 37	21 48	5 6	21 29	0 59	18 48	0 45	6 27	2 46	15 29	1 23	13 35	2 24	18 8	0 47	18 18	1 18	26 57	3 50	17 1	16 41	4 26		n.a.
S 29	23 40	25 1	4 56	21 10	1 10	18 30	0 54	6 14	2 47	15 25	1 23	13 33	2 24	18 9	0 47	18 18	1 18	26 57	3 50	17 4	16 42	4 30		n.a.
M30	23n43	27s 2	4s31	20n51	1s21	18n12	1s 3	6s 1	2s47	15n22	1n23	13n32	2n24	18s 9	0s47	18s18	1s18	26s57	3s50	17s 6	16s43	4s33		n.a.

Julian Day Number = 1197075.5, Delta T = 09h26m19s
Ecliptic obliquity = 23°51'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°53'01, Lahiri = -23°46'01 Julian Calendar 1 June 1436 BCE == Greg. Calendar 19 May 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

JULY 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 44 52	24♊51'58	24♐36	21♋46	6♌11	21♓57	23♌14	1♍ 7	12°R20	13°R30	16°R10	13°R14	14♒40	2♎43	n.a.	T 1
W 2	17 48 49	25°49'31	7♑57	22°29	6°46	22°30	23°24	1°11	12♒19	13♒29	16♐ 9	13♒ 8	14°36	2°49	n.a.	W 2
T 3	17 52 46	26°47'06	21°31	23° 8	7°20	23° 3	23°33	1°16	12°17	13°28	16° 8	13° 4	14°33	2°56	n.a.	T 3
F 4	17 56 42	27°44'42	5♒16	23°44	7°53	23°35	23°43	1°20	12°16	13°27	16° 6	13° 2	14°30	3° 3	n.a.	F 4
S 5	18 0 39	28°42'19	19° 9	24°15	8°25	24° 8	23°53	1°24	12°14	13°26	16° 5	13°D 2	14°27	3°10	n.a.	S 5
S 6	18 4 35	29°39'59	3♓ 9	24°42	8°55	24°39	24° 3	1°29	12°13	13°25	16° 3	13° 3	14°24	3°16	n.a.	S 6
M 7	18 8 32	0♋37'40	17°15	25° 4	9°24	25°11	24°13	1°33	12°11	13°24	16° 2	13° 4	14°20	3°23	n.a.	M 7
T 8	18 12 28	1°35'22	1♈25	25°22	9°51	25°42	24°23	1°38	12° 9	13°23	16° 1	13°R 5	14°17	3°30	n.a.	T 8
W 9	18 16 25	2°33'07	15°36	25°34	10°17	26°13	24°33	1°42	12° 8	13°22	15°59	13° 4	14°14	3°36	n.a.	W 9
T 10	18 20 21	3°30'54	29°49	25°41	10°41	26°44	24°43	1°47	12° 6	13°21	15°58	13° 2	14°11	3°43	n.a.	T 10
F 11	18 24 18	4°28'42	13♉58	25°R43	11° 3	27°14	24°54	1°52	12° 4	13°19	15°57	12°58	14° 8	3°50	n.a.	F 11
S 12	18 28 15	5°26'32	28° 2	25°40	11°24	27°44	25° 4	1°57	12° 3	13°18	15°55	12°52	14° 5	3°56	n.a.	S 12
S 13	18 32 11	6°24'25	11♊57	25°30	11°43	28°14	25°15	2° 2	12° 1	13°17	15°54	12°47	14° 1	4° 3	n.a.	S 13
M14	18 36 8	7°22'19	25°39	25°15	12° 0	28°43	25°25	2° 7	11°59	13°16	15°53	12°41	13°58	4°10	n.a.	M14
T 15	18 40 4	8°20'15	9♋ 5	24°54	12°15	29°12	25°36	2°12	11°57	13°14	15°52	12°36	13°55	4°16	n.a.	T 15
W16	18 44 1	9°18'12	22°13	24°27	12°28	29°41	25°47	2°17	11°55	13°13	15°50	12°33	13°52	4°23	n.a.	W16
T 17	18 47 57	10°16'12	5♌ 3	23°54	12°39	0♈ 9	25°58	2°22	11°53	13°12	15°49	12°32	13°49	4°30	n.a.	T 17
F 18	18 51 54	11°14'12	17°35	23°16	12°48	0°37	26° 9	2°27	11°51	13°10	15°48	12°D31	13°46	4°37	n.a.	F 18
S 19	18 55 50	12°12'15	29°52	22°33	12°55	1° 4	26°20	2°33	11°49	13° 9	15°47	12°32	13°42	4°43	n.a.	S 19
S 20	18 59 47	13°10'19	11♍56	21°45	13° 0	1°31	26°31	2°38	11°47	13° 8	15°45	12°34	13°39	4°50	n.a.	S 20
M21	19 3 44	14° 8'24	23°51	20°54	13° 2	1°58	26°42	2°44	11°45	13° 6	15°44	12°36	13°36	4°57	n.a.	M21
T 22	19 7 40	15° 6'31	5♎43	19°59	13°R 2	2°24	26°53	2°49	11°43	13° 5	15°43	12°37	13°33	5° 3	n.a.	T 22
W23	19 11 37	16° 4'40	17°35	19° 2	13° 0	2°50	27° 5	2°55	11°41	13° 3	15°42	12°R37	13°30	5°10	n.a.	W23
T 24	19 15 33	17° 2'51	29°33	18° 5	12°55	3°15	27°16	3° 0	11°39	13° 2	15°41	12°37	13°26	5°17	n.a.	T 24
F 25	19 19 30	18° 1'03	11♏41	17° 8	12°48	3°40	27°27	3° 6	11°37	13° 1	15°39	12°35	13°23	5°23	n.a.	F 25
S 26	19 23 26	18°59'17	24° 3	16°12	12°39	4° 5	27°39	3°12	11°35	12°59	15°38	12°32	13°20	5°30	n.a.	S 26
S 27	19 27 23	19°57'32	6♐43	15°19	12°27	4°29	27°51	3°17	11°32	12°58	15°37	12°29	13°17	5°37	n.a.	S 27
M28	19 31 19	20°55'50	19°43	14°31	12°13	4°53	28° 2	3°23	11°30	12°56	15°36	12°26	13°14	5°44	n.a.	M28
T 29	19 35 16	21°54'09	3♑ 4	13°47	11°56	5°16	28°14	3°29	11°28	12°55	15°35	12°23	13°11	5°50	n.a.	T 29
W30	19 39 13	22°52'30	16°44	13°10	11°37	5°39	28°26	3°35	11°26	12°53	15°34	12°20	13° 7	5°57	n.a.	W30
T 31	19 43 9	23♋50'53	0♒41	12♋40	11♌16	6♈ 1	28♌37	3♍41	11♒24	12♒51	15♐33	12♒19	13♒ 4	6♎ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n46	27s36	3s51	20n32	1s33	17n54	1s12	5s49	2s48	15n19	1n23	13n30	2n24	18s 9	0s47	18s19	1s18	26s57	3s50	17s 9	16s44	4s36		n.a.
W 2	23 48	26 35	2 58	20 13	1 45	17 36	1 22	5 36	2 49	15 15	1 22	13 28	2 23	18 10	0 47	18 19	1 18	26 56	3 50	17 10	16 44	4 39		n.a.
T 3	23 50	23 59	1 54	19 55	1 57	17 17	1 31	5 23	2 49	15 12	1 22	13 27	2 23	18 10	0 47	18 19	1 18	26 56	3 50	17 12	16 45	4 43		n.a.
F 4	23 51	19 58	0 42	19 37	2 9	16 59	1 41	5 11	2 50	15 8	1 22	13 25	2 23	18 11	0 47	18 20	1 18	26 56	3 50	17 12	16 46	4 46		n.a.
S 5	23 52	14 49	0n33	19 20	2 21	16 41	1 52	4 59	2 51	15 5	1 22	13 23	2 23	18 11	0 47	18 20	1 18	26 56	3 50	17 12	16 47	4 49		n.a.
S 6	23 52	8 52	1 47	19 4	2 33	16 23	2 2	4 46	2 51	15 1	1 22	13 21	2 23	18 12	0 47	18 20	1 18	26 56	3 50	17 12	16 48	4 52		n.a.
M 7	23 52	2 27	2 55	18 48	2 45	16 5	2 13	4 34	2 52	14 58	1 22	13 19	2 23	18 12	0 47	18 21	1 19	26 56	3 50	17 11	16 49	4 56		n.a.
T 8	23 51	4n 6	3 52	18 33	2 56	15 47	2 24	4 22	2 53	14 54	1 21	13 18	2 22	18 13	0 47	18 21	1 19	26 56	3 50	17 11	16 50	4 59		n.a.
W 9	23 50	10 28	4 35	18 20	3 8	15 30	2 35	4 10	2 53	14 51	1 21	13 16	2 22	18 13	0 47	18 22	1 19	26 56	3 50	17 12	16 51	5 2		n.a.
T 10	23 49	16 18	5 2	18 7	3 19	15 12	2 46	3 58	2 54	14 47	1 21	13 14	2 22	18 14	0 47	18 22	1 19	26 56	3 50	17 12	16 52	5 5		n.a.
F 11	23 47	21 14	5 10	17 57	3 30	14 55	2 58	3 47	2 54	14 43	1 21	13 12	2 22	18 14	0 47	18 22	1 19	26 56	3 50	17 13	16 53	5 8		n.a.
S 12	23 45	24 56	4 59	17 47	3 40	14 38	3 10	3 35	2 55	14 40	1 21	13 10	2 22	18 15	0 47	18 23	1 19	26 56	3 50	17 15	16 54	5 12		n.a.
S 13	23 42	27 6	4 31	17 40	3 49	14 21	3 22	3 23	2 56	14 36	1 21	13 8	2 22	18 15	0 48	18 23	1 19	26 55	3 51	17 17	16 55	5 15		n.a.
M14	23 39	27 35	3 48	17 34	3 58	14 5	3 34	3 12	2 56	14 32	1 21	13 6	2 21	18 16	0 48	18 23	1 19	26 55	3 51	17 18	16 56	5 18		n.a.
T 15	23 36	26 25	2 52	17 30	4 6	13 49	3 46	3 1	2 57	14 28	1 20	13 4	2 21	18 16	0 48	18 24	1 19	26 55	3 51	17 19	16 57	5 21		n.a.
W16	23 32	23 47	1 49	17 28	4 13	13 33	3 59	2 50	2 57	14 24	1 20	13 2	2 21	18 17	0 48	18 24	1 19	26 55	3 51	17 20	16 58	5 25		n.a.
T 17	23 28	20 0	0 41	17 28	4 18	13 18	4 11	2 39	2 58	14 21	1 20	13 0	2 21	18 17	0 48	18 25	1 19	26 55	3 51	17 21	16 59	5 28		n.a.
F 18	23 23	15 24	0s28	17 31	4 22	13 3	4 24	2 28	2 58	14 17	1 20	12 58	2 21	18 18	0 48	18 25	1 19	26 55	3 51	17 21	16 59	5 31		n.a.
S 19	23 18	10 16	1 34	17 35	4 25	12 49	4 37	2 18	2 59	14 13	1 20	12 56	2 21	18 19	0 48	18 26	1 19	26 55	3 51	17 21	17 0	5 34		n.a.
S 20	23 12	4 50	2 34	17 42	4 26	12 35	4 50	2 7	2 59	14 9	1 20	12 54	2 20	18 19	0 48	18 26	1 19	26 55	3 51	17 20	17 1	5 37		n.a.
M21	23 6	0s41	3 27	17 51	4 25	12 22	5 3	1 57	3 0	14 5	1 20	12 52	2 20	18 20	0 48	18 26	1 19	26 55	3 51	17 20	17 2	5 41		n.a.
T 22	22 59	6 9	4 11	18 2	4 22	12 9	5 16	1 47	3 0	14 1	1 19	12 49	2 20	18 20	0 48	18 27	1 19	26 54	3 51	17 19	17 3	5 44		n.a.
W23	22 53	11 23	4 45	18 15	4 17	11 57	5 29	1 37	3 1	13 57	1 19	12 47	2 20	18 21	0 48	18 27	1 19	26 54	3 51	17 19	17 4	5 47		n.a.
T 24	22 45	16 16	5 6	18 29	4 10	11 46	5 42	1 27	3 1	13 52	1 19	12 45	2 20	18 22	0 48	18 28	1 19	26 54	3 51	17 19	17 5	5 50		n.a.
F 25	22 38	20 34	5 14	18 45	4 1	11 36	5 55	1 17	3 2	13 48	1 19	12 43	2 20	18 22	0 48	18 28	1 19	26 54	3 51	17 20	17 6	5 53		n.a.
S 26	22 30	24 5	5 8	19 3	3 51	11 26	6 8	1 8	3 2	13 44	1 19	12 41	2 20	18 23	0 48	18 29	1 19	26 54	3 51	17 21	17 7	5 57		n.a.
S 27	22 21	26 31	4 47	19 21	3 38	11 17	6 21	0 58	3 2	13 40	1 19	12 38	2 20	18 24	0 48	18 29	1 19	26 54	3 51	17 22	17 8	6 0		n.a.
M28	22 12	27 37	4 10	19 40	3 25	11 9	6 33	0 49	3 3	13 36	1 19	12 36	2 19	18 24	0 48	18 30	1 19	26 54	3 51	17 23	17 9	6 3		n.a.
T 29	22 3	27 9	3 20	20 0	3 9	11 2	6 45	0 40	3 3	13 31	1 19	12 34	2 19	18 25	0 48	18 30	1 19	26 54	3 51	17 23	17 10	6 6		n.a.
W30	21 53	25 3	2 16	20 20	2 53	10 56	6 57	0 31	3 4	13 27	1 18	12 32	2 19	18 25	0 48	18 31	1 19	26 54	3 51	17 24	17 11	6 9		n.a.
T 31	21n43	21s24	1s 4	20n40	2s35	10n50	7s 9	0s23	3s 4	13n23	1n18	12n29	2n19	18s26	0s48	18s31	1s19	26s54	3s51	17s24	17s11	6s13		n.a.

Julian Day Number = 1197105.5, Delta T = 09h26m17s
Ecliptic obliquity = 23°51'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'57, Lahiri = -23°45'56 Julian Calendar 1 July 1436 BCE == Greg. Calendar 18 June 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

AUGUST 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 47 6	24♋49'18	14♒52	12°R18	10°R53	6♈22	28♌49	3♍47	11°R21	12°R50	15°R32	12°D19	13♒ 1	6♎10	n.a.	F 1
S 2	19 51 2	25°47'45	29°13	12♋ 5	10♌28	6°44	29° 1	3°53	11♒19	12♒48	15♐31	12♒19	12°58	6°17	n.a.	S 2
S 3	19 54 59	26°46'14	13♓38	12°D 0	10° 1	7° 4	29°13	3°59	11°17	12°47	15°30	12°20	12°55	6°24	n.a.	S 3
M 4	19 58 55	27°44'46	28° 2	12° 5	9°32	7°24	29°25	4° 5	11°14	12°45	15°29	12°21	12°52	6°30	n.a.	M 4
T 5	20 2 52	28°43'20	12♈24	12°19	9° 1	7°44	29°37	4°11	11°12	12°44	15°28	12°22	12°48	6°37	n.a.	T 5
W 6	20 6 48	29°41'56	26°38	12°42	8°29	8° 3	29°50	4°18	11°10	12°42	15°27	12°R23	12°45	6°44	n.a.	W 6
T 7	20 10 45	0♌40'35	10♉43	13°15	7°56	8°21	0♍ 2	4°24	11° 7	12°40	15°26	12°23	12°42	6°50	n.a.	T 7
F 8	20 14 41	1°39'16	24°37	13°56	7°21	8°39	0°14	4°30	11° 5	12°39	15°25	12°22	12°39	6°57	n.a.	F 8
S 9	20 18 38	2°38'00	8♊19	14°45	6°46	8°57	0°26	4°37	11° 3	12°37	15°24	12°21	12°36	7° 4	n.a.	S 9
S 10	20 22 35	3°36'46	21°48	15°42	6°10	9°13	0°39	4°43	11° 0	12°35	15°24	12°20	12°32	7°11	n.a.	S 10
M11	20 26 31	4°35'34	5♋ 4	16°47	5°33	9°29	0°51	4°50	10°58	12°34	15°23	12°19	12°29	7°17	n.a.	M11
T 12	20 30 28	5°34'25	18° 5	17°58	4°57	9°45	1° 4	4°56	10°55	12°32	15°22	12°18	12°26	7°24	n.a.	T 12
W13	20 34 24	6°33'18	0♌53	19°16	4°20	9°59	1°16	5° 3	10°53	12°30	15°21	12°17	12°23	7°31	n.a.	W13
T 14	20 38 21	7°32'13	13°27	20°38	3°44	10°13	1°29	5° 9	10°51	12°29	15°20	12°D17	12°20	7°37	n.a.	T 14
F 15	20 42 17	8°31'10	25°48	22° 6	3° 8	10°27	1°41	5°16	10°48	12°27	15°20	12°17	12°17	7°44	n.a.	F 15
S 16	20 46 14	9°30'10	7♍58	23°38	2°33	10°39	1°54	5°22	10°46	12°25	15°19	12°18	12°13	7°51	n.a.	S 16
S 17	20 50 10	10°29'11	19°59	25°13	1°59	10°51	2° 7	5°29	10°43	12°24	15°18	12°18	12°10	7°57	n.a.	S 17
M18	20 54 7	11°28'14	1♎53	26°51	1°27	11° 3	2°19	5°36	10°41	12°22	15°18	12°18	12° 7	8° 4	n.a.	M18
T 19	20 58 4	12°27'19	13°43	28°32	0°55	11°13	2°32	5°42	10°39	12°20	15°17	12°R18	12° 4	8°11	n.a.	T 19
W20	21 2 0	13°26'27	25°34	0♌15	0°25	11°23	2°45	5°49	10°36	12°19	15°16	12°18	12° 1	8°18	n.a.	W20
T 21	21 5 57	14°25'36	7♏31	1°59	29♋57	11°32	2°57	5°56	10°34	12°17	15°16	12°18	11°58	8°24	n.a.	T 21
F 22	21 9 53	15°24'47	19°36	3°44	29°31	11°40	3°10	6° 3	10°31	12°15	15°15	12°D18	11°54	8°31	n.a.	F 22
S 23	21 13 50	16°24'00	1♐56	5°31	29° 7	11°48	3°23	6° 9	10°29	12°14	15°15	12°18	11°51	8°38	n.a.	S 23
S 24	21 17 46	17°23'15	14°35	7°18	28°45	11°54	3°36	6°16	10°27	12°12	15°14	12°19	11°48	8°44	n.a.	S 24
M25	21 21 43	18°22'33	27°35	9° 5	28°25	12° 0	3°49	6°23	10°24	12°10	15°14	12°19	11°45	8°51	n.a.	M25
T 26	21 25 39	19°21'52	11♑ 0	10°53	28° 7	12° 5	4° 2	6°30	10°22	12° 9	15°13	12°20	11°42	8°58	n.a.	T 26
W27	21 29 36	20°21'13	24°49	12°40	27°52	12°10	4°15	6°37	10°19	12° 7	15°13	12°20	11°38	9° 4	n.a.	W27
T 28	21 33 32	21°20'36	9♒ 2	14°28	27°39	12°13	4°28	6°44	10°17	12° 6	15°13	12°R21	11°35	9°11	n.a.	T 28
F 29	21 37 29	22°20'01	23°35	16°15	27°28	12°16	4°41	6°51	10°15	12° 4	15°12	12°21	11°32	9°18	n.a.	F 29
S 30	21 41 26	23°19'28	8♓21	18° 1	27°20	12°18	4°54	6°58	10°12	12° 2	15°12	12°20	11°29	9°25	n.a.	S 30
S 31	21 45 22	24♌18'58	23♓14	19♌47	27♋15	12♈19	5♍ 7	7♍ 5	10♒10	12♒ 1	15♐11	12♒19	11♒26	9♎31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21n33	16s26	0n14	21n 0	2s17	10n46	7s20	0s14	3s 4	13n19	1n18	12n27	2n19	18s27	0s48	18s32	1s19	26s53	3s51	17s25	17s12	6s16		n.a.	F 1
S 2	21 22	10 31	1 32	21 20	1 59	10 42	7 30	0 6	3 5	13 14	1 18	12 25	2 19	18 27	0 48	18 32	1 19	26 53	3 51	17 24	17 13	6 19		n.a.	S 2
S 3	21 11	4 1	2 45	21 39	1 41	10 40	7 40	0n 2	3 5	13 10	1 18	12 22	2 19	18 28	0 48	18 32	1 19	26 53	3 51	17 24	17 14	6 22		n.a.	S 3
M 4	20 59	2n40	3 47	21 57	1 22	10 38	7 50	0 10	3 5	13 5	1 18	12 20	2 19	18 29	0 48	18 33	1 19	26 53	3 51	17 24	17 15	6 25		n.a.	M 4
T 5	20 47	9 10	4 34	22 13	1 4	10 37	7 59	0 17	3 5	13 1	1 18	12 17	2 19	18 29	0 48	18 33	1 19	26 53	3 51	17 24	17 16	6 29		n.a.	T 5
W 6	20 35	15 10	5 5	22 29	0 46	10 38	8 7	0 25	3 6	12 57	1 18	12 15	2 18	18 30	0 48	18 34	1 19	26 53	3 51	17 23	17 17	6 32		n.a.	W 6
T 7	20 22	20 17	5 16	22 43	0 29	10 39	8 14	0 32	3 6	12 52	1 18	12 13	2 18	18 31	0 48	18 34	1 19	26 53	3 51	17 23	17 18	6 35		n.a.	T 7
F 8	20 9	24 15	5 9	22 55	0 13	10 41	8 21	0 39	3 6	12 48	1 18	12 10	2 18	18 31	0 48	18 35	1 19	26 53	3 51	17 24	17 19	6 38		n.a.	F 8
S 9	19 55	26 46	4 45	23 5	0n 3	10 44	8 27	0 46	3 6	12 43	1 17	12 8	2 18	18 32	0 48	18 35	1 20	26 53	3 51	17 24	17 20	6 41		n.a.	S 9
S 10	19 41	27 40	4 5	23 13	0 17	10 48	8 32	0 52	3 6	12 39	1 17	12 5	2 18	18 33	0 48	18 36	1 20	26 53	3 51	17 24	17 21	6 44		n.a.	S 10
M11	19 27	26 58	3 12	23 18	0 31	10 53	8 36	0 58	3 7	12 34	1 17	12 3	2 18	18 33	0 48	18 36	1 20	26 52	3 51	17 25	17 22	6 48		n.a.	M11
T 12	19 13	24 46	2 10	23 21	0 43	10 59	8 39	1 4	3 7	12 29	1 17	12 0	2 18	18 34	0 48	18 37	1 20	26 52	3 51	17 25	17 22	6 51		n.a.	T 12
W13	18 58	21 20	1 3	23 22	0 55	11 5	8 41	1 10	3 7	12 25	1 17	11 58	2 18	18 35	0 48	18 37	1 20	26 52	3 51	17 25	17 23	6 54		n.a.	W13
T 14	18 43	16 59	0s 6	23 19	1 5	11 12	8 42	1 16	3 7	12 20	1 17	11 55	2 18	18 35	0 48	18 38	1 20	26 52	3 51	17 25	17 24	6 57		n.a.	T 14
F 15	18 27	11 59	1 14	23 14	1 14	11 20	8 42	1 21	3 7	12 16	1 17	11 53	2 18	18 36	0 48	18 38	1 20	26 52	3 51	17 25	17 25	7 0		n.a.	F 15
S 16	18 11	6 36	2 18	23 7	1 23	11 28	8 42	1 26	3 7	12 11	1 17	11 50	2 18	18 37	0 48	18 39	1 20	26 52	3 51	17 25	17 26	7 3		n.a.	S 16
S 17	17 55	1 4	3 14	22 56	1 30	11 37	8 40	1 31	3 7	12 6	1 17	11 47	2 18	18 38	0 48	18 39	1 20	26 52	3 51	17 25	17 27	7 7		n.a.	S 17
M18	17 39	4s27	4 2	22 43	1 36	11 47	8 38	1 35	3 7	12 1	1 17	11 45	2 17	18 38	0 48	18 40	1 20	26 52	3 51	17 25	17 28	7 10		n.a.	M18
T 19	17 22	9 46	4 39	22 28	1 41	11 57	8 34	1 40	3 7	11 57	1 17	11 42	2 17	18 39	0 48	18 40	1 20	26 52	3 51	17 25	17 29	7 13		n.a.	T 19
W20	17 5	14 45	5 4	22 10	1 45	12 7	8 30	1 44	3 6	11 52	1 17	11 40	2 17	18 40	0 48	18 41	1 20	26 52	3 51	17 25	17 30	7 16		n.a.	W20
T 21	16 48	19 14	5 16	21 49	1 48	12 17	8 25	1 47	3 6	11 47	1 17	11 37	2 17	18 40	0 48	18 41	1 20	26 52	3 51	17 25	17 31	7 19		n.a.	T 21
F 22	16 30	22 59	5 15	21 27	1 50	12 28	8 19	1 51	3 6	11 42	1 17	11 34	2 17	18 41	0 48	18 42	1 20	26 52	3 51	17 25	17 31	7 22		n.a.	F 22
S 23	16 12	25 47	4 59	21 2	1 52	12 39	8 13	1 54	3 6	11 38	1 16	11 32	2 17	18 42	0 48	18 42	1 20	26 51	3 51	17 25	17 32	7 25		n.a.	S 23
S 24	15 54	27 24	4 28	20 35	1 53	12 51	8 6	1 57	3 6	11 33	1 16	11 29	2 17	18 42	0 48	18 43	1 20	26 51	3 51	17 25	17 33	7 29		n.a.	S 24
M25	15 35	27 34	3 44	20 7	1 53	13 2	7 58	2 0	3 5	11 28	1 16	11 27	2 17	18 43	0 48	18 43	1 20	26 51	3 51	17 24	17 34	7 32		n.a.	M25
T 26	15 17	26 9	2 45	19 37	1 52	13 14	7 50	2 2	3 5	11 23	1 16	11 24	2 17	18 44	0 48	18 44	1 20	26 51	3 51	17 24	17 35	7 35		n.a.	T 26
W27	14 58	23 7	1 36	19 5	1 51	13 25	7 42	2 4	3 5	11 18	1 16	11 21	2 17	18 44	0 48	18 44	1 20	26 51	3 51	17 24	17 36	7 38		n.a.	W27
T 28	14 38	18 37	0 18	18 32	1 50	13 36	7 33	2 6	3 4	11 13	1 16	11 19	2 17	18 45	0 48	18 45	1 20	26 51	3 51	17 24	17 37	7 41		n.a.	T 28
F 29	14 19	12 56	1n 2	17 57	1 47	13 48	7 23	2 7	3 4	11 9	1 16	11 16	2 17	18 45	0 48	18 45	1 20	26 51	3 51	17 24	17 38	7 44		n.a.	F 29
S 30	13 59	6 26	2 19	17 22	1 45	13 59	7 13	2 8	3 3	11 4	1 16	11 13	2 17	18 46	0 48	18 46	1 20	26 51	3 51	17 24	17 39	7 47		n.a.	S 30
S 31	13n39	0n26	3n27	16n45	1n42	14n10	7s 3	2n 9	3s 2	10n59	1n16	11n11	2n17	18s47	0s48	18s46	1s20	26s51	3s51	17s25	17s40	7s50		n.a.	S 31

Julian Day Number = 1197136.5, Delta T = 09h26m16s
Ecliptic obliquity = 23°51'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'53, Lahiri = -23°45'52 Julian Calendar 1 Aug. 1436 BCE == Greg. Calendar 19 July 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

SEPTEMBER 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 49 19	25♌18'30	8♈ 5	21♌33	27°R11	12°R19	5♍20	7♍12	10°R 8	11°R59	15°R11	12°R17	11♒23	9♎38	n.a.	M 1
T 2	21 53 15	26°18'04	22°47	23°18	27°D11	12♈18	5°33	7°19	10♒ 5	11♒57	15♐11	12♒15	11°19	9°45	n.a.	T 2
W 3	21 57 12	27°17'41	7♉15	25° 2	27♋12	12°16	5°46	7°26	10° 3	11°56	15°11	12°14	11°16	9°51	n.a.	W 3
T 4	22 1 8	28°17'20	21°25	26°46	27°16	12°14	5°59	7°33	10° 1	11°54	15°11	12°13	11°13	9°58	n.a.	T 4
F 5	22 5 5	29°17'02	5♊15	28°29	27°23	12°10	6°12	7°40	9°59	11°53	15°10	12°D13	11°10	10° 5	n.a.	F 5
S 6	22 9 1	0♍16'47	18°45	0♍12	27°31	12° 6	6°26	7°47	9°56	11°51	15°10	12°14	11° 7	10°12	n.a.	S 6
S 7	22 12 58	1°16'34	1♋56	1°54	27°42	12° 1	6°39	7°54	9°54	11°50	15°10	12°15	11° 4	10°18	n.a.	S 7
M 8	22 16 55	2°16'23	14°51	3°35	27°55	11°54	6°52	8° 1	9°52	11°48	15°10	12°17	11° 0	10°25	n.a.	M 8
T 9	22 20 51	3°16'14	27°32	5°16	28°10	11°47	7° 5	8° 8	9°50	11°46	15°10	12°18	10°57	10°32	n.a.	T 9
W10	22 24 48	4°16'08	10♌ 0	6°56	28°28	11°39	7°18	8°15	9°48	11°45	15°10	12°R19	10°54	10°38	n.a.	W10
T 11	22 28 44	5°16'04	22°17	8°35	28°47	11°30	7°32	8°23	9°46	11°43	15°D10	12°18	10°51	10°45	n.a.	T 11
F 12	22 32 41	6°16'02	4♍26	10°14	29° 8	11°21	7°45	8°30	9°43	11°42	15°10	12°17	10°48	10°52	n.a.	F 12
S 13	22 36 37	7°16'02	16°27	11°52	29°30	11°10	7°58	8°37	9°41	11°40	15°10	12°14	10°44	10°58	n.a.	S 13
S 14	22 40 34	8°16'04	28°23	13°29	29°55	10°59	8°11	8°44	9°39	11°39	15°10	12°10	10°41	11° 5	n.a.	S 14
M15	22 44 30	9°16'08	10♎15	15° 6	0♌21	10°46	8°24	8°51	9°37	11°38	15°10	12° 5	10°38	11°12	n.a.	M15
T 16	22 48 27	10°16'14	22° 5	16°42	0°49	10°33	8°38	8°58	9°35	11°36	15°10	12° 0	10°35	11°19	n.a.	T 16
W17	22 52 23	11°16'22	3♏56	18°18	1°19	10°19	8°51	9° 5	9°33	11°35	15°10	11°55	10°32	11°25	n.a.	W17
T 18	22 56 20	12°16'32	15°51	19°54	1°50	10° 5	9° 4	9°12	9°31	11°33	15°11	11°51	10°29	11°32	n.a.	T 18
F 19	23 0 17	13°16'43	27°55	21°28	2°23	9°49	9°17	9°19	9°30	11°32	15°11	11°49	10°25	11°39	n.a.	F 19
S 20	23 4 13	14°16'57	10♐10	23° 3	2°57	9°33	9°30	9°27	9°28	11°31	15°11	11°D47	10°22	11°45	n.a.	S 20
S 21	23 8 10	15°17'12	22°43	24°37	3°32	9°16	9°44	9°34	9°26	11°29	15°11	11°48	10°19	11°52	n.a.	S 21
M22	23 12 6	16°17'28	5♑36	26°10	4° 9	8°59	9°57	9°41	9°24	11°28	15°12	11°49	10°16	11°59	n.a.	M22
T 23	23 16 3	17°17'47	18°54	27°43	4°47	8°40	10°10	9°48	9°22	11°27	15°12	11°50	10°13	12° 6	n.a.	T 23
W24	23 19 59	18°18'07	2♒40	29°15	5°27	8°22	10°23	9°55	9°21	11°25	15°12	11°52	10° 9	12°12	n.a.	W24
T 25	23 23 56	19°18'28	16°54	0♎47	6° 7	8° 2	10°36	10° 2	9°19	11°24	15°13	11°R52	10° 6	12°19	n.a.	T 25
F 26	23 27 52	20°18'51	1♓34	2°19	6°49	7°43	10°49	10° 9	9°17	11°23	15°13	11°50	10° 3	12°26	n.a.	F 26
S 27	23 31 49	21°19'16	16°35	3°50	7°32	7°22	11° 3	10°16	9°16	11°22	15°14	11°47	10° 0	12°32	n.a.	S 27
S 28	23 35 45	22°19'43	1♈47	5°21	8°16	7° 1	11°16	10°23	9°14	11°21	15°14	11°42	9°57	12°39	n.a.	S 28
M29	23 39 42	23°20'11	17° 2	6°52	9° 1	6°40	11°29	10°30	9°12	11°19	15°15	11°36	9°54	12°46	n.a.	M29
T 30	23 43 39	24♍20'42	2♉ 7	8♎22	9♌47	6♈19	11♍42	10♍37	9♒11	11♒18	15♐15	11♒29	9♒50	12♎52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n19	7n15	4n22	16n 7	1n38	14n21	6s53	2n10	3s 2	10n54	1n16	11n 8	2n17	18s47	0s48	18s47	1s20	26s51	3s51	17s25	17s40	7s54		n.a.
T 2	12 58	13 37	4 58	15 28	1 34	14 31	6 42	2 10	3 1	10 49	1 16	11 5	2 17	18 48	0 48	18 47	1 20	26 51	3 51	17 25	17 41	7 57		n.a.
W 3	12 38	19 7	5 15	14 49	1 30	14 42	6 31	2 10	3 0	10 44	1 16	11 3	2 17	18 49	0 48	18 47	1 20	26 51	3 51	17 26	17 42	8 0		n.a.
T 4	12 17	23 27	5 12	14 9	1 26	14 52	6 20	2 10	3 0	10 39	1 16	11 0	2 17	18 49	0 48	18 48	1 20	26 51	3 51	17 26	17 43	8 3		n.a.
F 5	11 56	26 19	4 51	13 28	1 21	15 1	6 9	2 9	2 59	10 34	1 16	10 57	2 17	18 50	0 48	18 48	1 20	26 51	3 51	17 26	17 44	8 6		n.a.
S 6	11 34	27 36	4 14	12 47	1 16	15 11	5 58	2 9	2 58	10 29	1 16	10 55	2 17	18 50	0 48	18 49	1 20	26 51	3 51	17 26	17 45	8 9		n.a.
S 7	11 13	27 16	3 25	12 5	1 11	15 20	5 47	2 7	2 57	10 24	1 16	10 52	2 17	18 51	0 48	18 49	1 20	26 51	3 51	17 25	17 46	8 12		n.a.
M 8	10 51	25 26	2 26	11 23	1 5	15 28	5 35	2 6	2 56	10 19	1 16	10 49	2 17	18 52	0 48	18 50	1 20	26 51	3 51	17 25	17 47	8 15		n.a.
T 9	10 29	22 21	1 21	10 40	0 59	15 36	5 24	2 4	2 55	10 14	1 16	10 46	2 17	18 52	0 48	18 50	1 20	26 50	3 51	17 25	17 48	8 18		n.a.
W10	10 7	18 16	0 13	9 57	0 54	15 44	5 13	2 2	2 54	10 9	1 16	10 44	2 17	18 53	0 48	18 51	1 20	26 50	3 51	17 25	17 48	8 22		n.a.
T 11	9 45	13 28	0s55	9 14	0 48	15 51	5 2	2 0	2 52	10 4	1 16	10 41	2 17	18 53	0 48	18 51	1 20	26 50	3 51	17 25	17 49	8 25		n.a.
F 12	9 22	8 13	1 59	8 30	0 42	15 58	4 50	1 57	2 51	9 59	1 16	10 38	2 17	18 54	0 48	18 51	1 20	26 50	3 51	17 25	17 50	8 28		n.a.
S 13	9 0	2 44	2 57	7 47	0 35	16 4	4 39	1 54	2 50	9 54	1 16	10 36	2 17	18 54	0 48	18 52	1 20	26 50	3 51	17 26	17 51	8 31		n.a.
S 14	8 37	2s48	3 46	7 3	0 29	16 10	4 28	1 51	2 48	9 49	1 16	10 33	2 17	18 55	0 48	18 52	1 20	26 50	3 50	17 27	17 52	8 34		n.a.
M15	8 14	8 11	4 26	6 19	0 23	16 15	4 17	1 47	2 47	9 44	1 16	10 30	2 17	18 55	0 48	18 53	1 20	26 50	3 50	17 28	17 53	8 37		n.a.
T 16	7 51	13 16	4 54	5 35	0 16	16 20	4 6	1 43	2 45	9 39	1 16	10 27	2 17	18 56	0 48	18 53	1 20	26 50	3 50	17 30	17 54	8 40		n.a.
W17	7 28	17 53	5 9	4 51	0 10	16 24	3 55	1 39	2 44	9 34	1 16	10 25	2 17	18 57	0 48	18 53	1 20	26 50	3 50	17 31	17 55	8 43		n.a.
T 18	7 5	21 50	5 12	4 7	0 3	16 27	3 45	1 35	2 42	9 29	1 16	10 22	2 17	18 57	0 48	18 54	1 20	26 50	3 50	17 32	17 55	8 46		n.a.
F 19	6 41	24 55	5 0	3 23	0s 4	16 30	3 34	1 31	2 40	9 24	1 16	10 19	2 17	18 58	0 48	18 54	1 20	26 50	3 50	17 33	17 56	8 49		n.a.
S 20	6 18	26 54	4 35	2 39	0 10	16 33	3 23	1 26	2 38	9 19	1 16	10 17	2 17	18 58	0 48	18 54	1 20	26 50	3 50	17 33	17 57	8 52		n.a.
S 21	5 54	27 36	3 56	1 55	0 17	16 35	3 13	1 21	2 36	9 14	1 16	10 14	2 17	18 58	0 48	18 55	1 20	26 50	3 50	17 33	17 58	8 55		n.a.
M22	5 30	26 49	3 5	1 12	0 23	16 36	3 3	1 16	2 34	9 9	1 16	10 11	2 17	18 59	0 48	18 55	1 20	26 50	3 50	17 33	17 59	8 59		n.a.
T 23	5 6	24 31	2 2	0 28	0 30	16 37	2 53	1 11	2 32	9 4	1 16	10 9	2 17	18 59	0 48	18 56	1 19	26 50	3 50	17 33	18 0	9 2		n.a.
W24	4 42	20 43	0 50	0s15	0 37	16 37	2 43	1 5	2 30	8 58	1 16	10 6	2 17	19 0	0 48	18 56	1 19	26 50	3 50	17 32	18 1	9 5		n.a.
T 25	4 18	15 37	0n27	0 59	0 43	16 36	2 33	0 59	2 28	8 53	1 16	10 3	2 17	19 0	0 48	18 56	1 19	26 50	3 50	17 32	18 2	9 8		n.a.
F 26	3 54	9 28	1 45	1 42	0 50	16 35	2 23	0 54	2 25	8 48	1 16	10 1	2 17	19 1	0 48	18 57	1 19	26 50	3 50	17 33	18 2	9 11		n.a.
S 27	3 30	2 41	2 57	2 24	0 56	16 34	2 14	0 48	2 23	8 43	1 16	9 58	2 17	19 1	0 48	18 57	1 19	26 50	3 50	17 34	18 3	9 14		n.a.
S 28	3 6	4n21	3 58	3 7	1 3	16 31	2 5	0 41	2 20	8 38	1 16	9 55	2 18	19 2	0 47	18 57	1 19	26 50	3 50	17 35	18 4	9 17		n.a.
M29	2 41	11 7	4 41	3 49	1 9	16 28	1 55	0 35	2 18	8 33	1 16	9 53	2 18	19 2	0 47	18 57	1 19	26 50	3 50	17 37	18 5	9 20		n.a.
T 30	2n17	17n10	5n 5	4s31	1s15	16n25	1s46	0n29	2s15	8n28	1n16	9n50	2n18	19s 2	0s47	18s58	1s19	26s51	3s50	17s39	18s 6	9s23		n.a.

Julian Day Number = 1197167.5, Delta T = 09h26m14s
Ecliptic obliquity = 23°51'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'49, Lahiri = -23°45'48 Julian Calendar 1 Sept. 1436 BCE == Greg. Calendar 19 Aug. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

OCTOBER 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 47 35	25♍21'14	16♉55	9♎51	10♌34	5°R57	11♍55	10♍44	9°R10	11°R17	15♐16	11°R23	9♒47	12♎59	n.a.	W 1
T 2	23 51 32	26°21'48	1♊19	11°20	11°22	5♈35	12° 8	10°51	9♒ 8	11♒16	15°16	11♒19	9°44	13° 6	n.a.	T 2
F 3	23 55 28	27°22'25	15°16	12°49	12°10	5°12	12°21	10°58	9° 7	11°15	15°17	11°16	9°41	13°13	n.a.	F 3
S 4	23 59 25	28°23'03	28°46	14°17	13° 0	4°50	12°34	11° 5	9° 5	11°14	15°18	11°D15	9°38	13°19	n.a.	S 4
S 5	0 3 21	29°23'44	11♋52	15°45	13°50	4°27	12°47	11°12	9° 4	11°13	15°18	11°16	9°35	13°26	n.a.	S 5
M 6	0 7 18	0♎24'26	24°37	17°12	14°42	4° 4	13° 0	11°19	9° 3	11°12	15°19	11°17	9°31	13°33	n.a.	M 6
T 7	0 11 14	1°25'10	7♌ 4	18°39	15°34	3°41	13°13	11°25	9° 2	11°11	15°20	11°R18	9°28	13°39	n.a.	T 7
W 8	0 15 11	2°25'56	19°19	20° 5	16°27	3°19	13°26	11°32	9° 0	11°10	15°21	11°18	9°25	13°46	n.a.	W 8
T 9	0 19 8	3°26'43	1♍23	21°30	17°20	2°56	13°38	11°39	8°59	11° 9	15°21	11°15	9°22	13°53	n.a.	T 9
F 10	0 23 4	4°27'32	13°22	22°55	18°14	2°33	13°51	11°46	8°58	11° 9	15°22	11°11	9°19	14° 0	n.a.	F 10
S 11	0 27 1	5°28'23	25°16	24°19	19° 9	2°11	14° 4	11°52	8°57	11° 8	15°23	11° 3	9°15	14° 6	n.a.	S 11
S 12	0 30 57	6°29'15	7♎ 8	25°41	20° 5	1°49	14°17	11°59	8°56	11° 7	15°24	10°54	9°12	14°13	n.a.	S 12
M13	0 34 54	7°30'09	18°59	27° 3	21° 1	1°27	14°30	12° 6	8°55	11° 6	15°25	10°42	9° 9	14°20	n.a.	M13
T 14	0 38 50	8°31'04	0♏50	28°24	21°57	1° 6	14°42	12°13	8°54	11° 5	15°26	10°30	9° 6	14°26	n.a.	T 14
W15	0 42 47	9°32'00	12°45	29°43	22°55	0°45	14°55	12°19	8°54	11° 5	15°27	10°19	9° 3	14°33	n.a.	W15
T 16	0 46 43	10°32'57	24°43	1♏ 1	23°52	0°24	15° 7	12°26	8°53	11° 4	15°28	10° 9	9° 0	14°40	n.a.	T 16
F 17	0 50 40	11°33'56	6♐48	2°17	24°51	0° 4	15°20	12°32	8°52	11° 3	15°29	10° 0	8°56	14°47	n.a.	F 17
S 18	0 54 37	12°34'55	19° 3	3°30	25°50	29♓44	15°33	12°39	8°51	11° 3	15°30	9°55	8°53	14°53	n.a.	S 18
S 19	0 58 33	13°35'56	1♑32	4°42	26°49	29°25	15°45	12°45	8°51	11° 2	15°31	9°52	8°50	15° 0	n.a.	S 19
M20	1 2 30	14°36'57	14°18	5°51	27°49	29° 7	15°57	12°52	8°50	11° 2	15°32	9°D51	8°47	15° 7	n.a.	M20
T 21	1 6 26	15°38'00	27°27	6°57	28°49	28°49	16°10	12°58	8°49	11° 1	15°33	9°52	8°44	15°13	n.a.	T 21
W22	1 10 23	16°39'03	11♒ 1	7°59	29°50	28°32	16°22	13° 4	8°49	11° 1	15°34	9°R52	8°41	15°20	n.a.	W22
T 23	1 14 19	17°40'06	25° 3	8°58	0♍51	28°15	16°34	13°11	8°49	11° 0	15°35	9°51	8°37	15°27	n.a.	T 23
F 24	1 18 16	18°41'11	9♓34	9°51	1°52	27°59	16°47	13°17	8°48	11° 0	15°37	9°48	8°34	15°34	n.a.	F 24
S 25	1 22 12	19°42'16	24°30	10°40	2°54	27°44	16°59	13°23	8°48	10°59	15°38	9°42	8°31	15°40	n.a.	S 25
S 26	1 26 9	20°43'22	9♈44	11°23	3°57	27°30	17°11	13°29	8°47	10°59	15°39	9°34	8°28	15°47	n.a.	S 26
M27	1 30 6	21°44'29	25° 6	11°59	5° 0	27°16	17°23	13°35	8°47	10°59	15°40	9°23	8°25	15°54	n.a.	M27
T 28	1 34 2	22°45'37	10♉24	12°27	6° 3	27° 3	17°35	13°41	8°47	10°58	15°41	9°12	8°21	16° 0	n.a.	T 28
W29	1 37 59	23°46'46	25°27	12°48	7° 6	26°51	17°47	13°47	8°47	10°58	15°43	9° 2	8°18	16° 7	n.a.	W29
T 30	1 41 55	24°47'56	10♊ 7	12°59	8°10	26°40	17°59	13°53	8°47	10°58	15°44	8°53	8°15	16°14	n.a.	T 30
F 31	1 45 52	25♎49'07	24♊17	13°R 0	9♍14	26♓30	18♍10	13♍59	8°D47	10♒58	15♐45	8♒47	8♒12	16♎21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	1n53	22n 5	5n 7	5s12	1s21	16n20	1s38	0n23	2s13	8n23	1n16	9n47	2n18	19s 3	0s47	18s58	1s19	26s51	3s50	17s40	18s 7	9s26		n.a.
T 2	1 28	25 31	4 50	5 54	1 27	16 15	1 29	0 16	2 10	8 18	1 16	9 45	2 18	19 3	0 47	18 58	1 19	26 51	3 50	17 42	18 8	9 29		n.a.
F 3	1 4	27 17	4 16	6 34	1 33	16 10	1 20	0 10	2 7	8 13	1 16	9 42	2 18	19 3	0 47	18 59	1 19	26 51	3 50	17 42	18 9	9 32		n.a.
S 4	0 39	27 21	3 29	7 14	1 38	16 4	1 12	0 3	2 4	8 8	1 16	9 40	2 18	19 4	0 47	18 59	1 19	26 51	3 50	17 43	18 9	9 35		n.a.
S 5	0 15	25 51	2 32	7 54	1 44	15 57	1 4	0s 3	2 2	8 3	1 16	9 37	2 18	19 4	0 47	18 59	1 19	26 51	3 50	17 42	18 10	9 38		n.a.
M 6	0s10	23 2	1 29	8 33	1 49	15 50	0 56	0 10	1 59	7 58	1 16	9 34	2 18	19 4	0 47	18 59	1 19	26 51	3 50	17 42	18 11	9 41		n.a.
T 7	0 34	19 12	0 23	9 11	1 54	15 42	0 48	0 16	1 56	7 53	1 17	9 32	2 18	19 5	0 47	19 0	1 19	26 51	3 50	17 42	18 12	9 44		n.a.
W 8	0 59	14 37	0s43	9 49	1 59	15 33	0 40	0 23	1 53	7 48	1 17	9 29	2 18	19 5	0 47	19 0	1 19	26 51	3 50	17 42	18 13	9 47		n.a.
T 9	1 24	9 32	1 46	10 26	2 4	15 24	0 33	0 29	1 50	7 43	1 17	9 27	2 18	19 5	0 47	19 0	1 19	26 51	3 50	17 42	18 14	9 50		n.a.
F 10	1 48	4 9	2 43	11 2	2 8	15 14	0 25	0 35	1 47	7 38	1 17	9 24	2 19	19 5	0 47	19 0	1 19	26 51	3 50	17 44	18 15	9 53		n.a.
S 11	2 13	1s20	3 33	11 38	2 12	15 4	0 18	0 42	1 43	7 33	1 17	9 22	2 19	19 6	0 47	19 1	1 19	26 51	3 50	17 46	18 15	9 56		n.a.
S 12	2 37	6 44	4 13	12 12	2 16	14 53	0 11	0 48	1 40	7 28	1 17	9 19	2 19	19 6	0 47	19 1	1 19	26 51	3 50	17 49	18 16	9 59		n.a.
M13	3 2	11 54	4 42	12 46	2 19	14 41	0 4	0 54	1 37	7 23	1 17	9 17	2 19	19 6	0 47	19 1	1 19	26 51	3 50	17 52	18 17	10 2		n.a.
T 14	3 26	16 38	4 59	13 18	2 22	14 29	0n 3	0 59	1 34	7 18	1 17	9 14	2 19	19 6	0 47	19 1	1 19	26 51	3 50	17 55	18 18	10 5		n.a.
W15	3 51	20 44	5 3	13 49	2 25	14 16	0 9	1 5	1 31	7 14	1 17	9 12	2 19	19 7	0 47	19 1	1 19	26 51	3 50	17 58	18 19	10 8		n.a.
T 16	4 15	24 2	4 54	14 19	2 27	14 3	0 16	1 10	1 28	7 9	1 17	9 9	2 19	19 7	0 47	19 1	1 19	26 52	3 50	18 1	18 20	10 11		n.a.
F 17	4 39	26 17	4 31	14 48	2 28	13 49	0 22	1 16	1 24	7 4	1 17	9 7	2 19	19 7	0 47	19 2	1 19	26 52	3 50	18 3	18 21	10 14		n.a.
S 18	5 3	27 20	3 56	15 15	2 29	13 34	0 28	1 21	1 21	6 59	1 17	9 4	2 19	19 7	0 47	19 2	1 19	26 52	3 50	18 5	18 21	10 17		n.a.
S 19	5 28	27 1	3 9	15 40	2 30	13 19	0 34	1 25	1 18	6 54	1 17	9 2	2 20	19 7	0 47	19 2	1 19	26 52	3 50	18 5	18 22	10 20		n.a.
M20	5 52	25 16	2 12	16 3	2 30	13 4	0 40	1 30	1 15	6 49	1 17	9 0	2 20	19 7	0 47	19 2	1 19	26 52	3 50	18 6	18 23	10 23		n.a.
T 21	6 16	22 7	1 6	16 25	2 29	12 48	0 45	1 34	1 12	6 44	1 18	8 57	2 20	19 7	0 47	19 2	1 19	26 52	3 50	18 6	18 24	10 26		n.a.
W22	6 39	17 41	0n 6	16 44	2 27	12 31	0 51	1 38	1 9	6 40	1 18	8 55	2 20	19 8	0 47	19 2	1 19	26 52	3 50	18 5	18 25	10 29		n.a.
T 23	7 3	12 9	1 20	17 1	2 24	12 14	0 56	1 42	1 5	6 35	1 18	8 52	2 20	19 8	0 47	19 2	1 19	26 52	3 50	18 6	18 26	10 32		n.a.
F 24	7 27	5 48	2 31	17 15	2 21	11 57	1 1	1 46	1 2	6 30	1 18	8 50	2 20	19 8	0 47	19 2	1 19	26 52	3 50	18 7	18 26	10 35		n.a.
S 25	7 50	1n 2	3 33	17 26	2 16	11 39	1 6	1 49	0 59	6 25	1 18	8 48	2 20	19 8	0 47	19 2	1 19	26 53	3 49	18 8	18 27	10 38		n.a.
S 26	8 14	7 55	4 22	17 34	2 10	11 20	1 11	1 52	0 56	6 21	1 18	8 46	2 21	19 8	0 47	19 2	1 19	26 53	3 49	18 10	18 28	10 41		n.a.
M27	8 37	14 24	4 52	17 39	2 3	11 1	1 16	1 55	0 53	6 16	1 18	8 43	2 21	19 8	0 47	19 3	1 19	26 53	3 49	18 13	18 29	10 44		n.a.
T 28	9 0	19 57	5 1	17 40	1 55	10 41	1 20	1 57	0 50	6 11	1 18	8 41	2 21	19 8	0 47	19 3	1 19	26 53	3 49	18 16	18 30	10 47		n.a.
W29	9 23	24 8	4 49	17 37	1 45	10 21	1 24	1 59	0 47	6 7	1 18	8 39	2 21	19 8	0 46	19 3	1 19	26 53	3 49	18 19	18 31	10 50		n.a.
T 30	9 46	26 37	4 18	17 30	1 34	10 1	1 28	2 1	0 44	6 2	1 18	8 37	2 21	19 8	0 46	19 3	1 18	26 53	3 49	18 21	18 32	10 53		n.a.
F 31	10s 9	27n16	3n32	17s18	1s21	9n40	1n32	2s 3	0s41	5n57	1n19	8n35	2n21	19s 8	0s46	19s 3	1s18	26s53	3s49	18s23	18s32	10s56		n.a.

Julian Day Number = 1197197.5, Delta T = 09h26m12s
Ecliptic obliquity = 23°51'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'44, Lahiri = -23°45'44 Julian Calendar 1 Oct. 1436 BCE == Greg. Calendar 18 Sept. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

NOVEMBER 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 49 48	26♎50'19	7♋56	12°R50	10♍19	26°R20	18♍22	14♍ 5	8♒47	10°R58	15♐47	8°R44	8♒ 9	16♎27	n.a.	S 1
S 2	1 53 45	27°51'32	21° 7	12♏29	11°24	26♓11	18°34	14°11	8°47	10♒58	15°48	8♒42	8° 6	16°34	n.a.	S 2
M 3	1 57 42	28°52'46	3♌52	11°57	12°29	26° 3	18°45	14°17	8°47	10°58	15°50	8°42	8° 2	16°41	n.a.	M 3
T 4	2 1 38	29°54'01	16°16	11°13	13°34	25°56	18°57	14°22	8°47	10°58	15°51	8°42	7°59	16°47	n.a.	T 4
W 5	2 5 35	0♏55'17	28°25	10°19	14°40	25°49	19° 8	14°28	8°47	10°D58	15°52	8°41	7°56	16°54	n.a.	W 5
T 6	2 9 31	1°56'33	10♍24	9°14	15°46	25°44	19°20	14°34	8°48	10°58	15°54	8°37	7°53	17° 1	n.a.	T 6
F 7	2 13 28	2°57'50	22°17	8° 2	16°52	25°39	19°31	14°39	8°48	10°58	15°55	8°31	7°50	17° 8	n.a.	F 7
S 8	2 17 24	3°59'08	4♎ 7	6°43	17°59	25°35	19°42	14°45	8°48	10°58	15°57	8°21	7°46	17°14	n.a.	S 8
S 9	2 21 21	5° 0'26	15°57	5°21	19° 5	25°32	19°53	14°50	8°49	10°58	15°58	8° 8	7°43	17°21	n.a.	S 9
M10	2 25 17	6° 1'44	27°50	3°59	20°12	25°29	20° 5	14°55	8°49	10°58	16° 0	7°54	7°40	17°28	n.a.	M10
T 11	2 29 14	7° 3'04	9♏46	2°39	21°20	25°28	20°16	15° 1	8°50	10°58	16° 1	7°38	7°37	17°34	n.a.	T 11
W12	2 33 11	8° 4'23	21°47	1°23	22°27	25°D27	20°26	15° 6	8°50	10°58	16° 3	7°23	7°34	17°41	n.a.	W12
T 13	2 37 7	9° 5'43	3♐54	0°14	23°35	25°27	20°37	15°11	8°51	10°59	16° 5	7°10	7°31	17°48	n.a.	T 13
F 14	2 41 4	10° 7'02	16° 8	29♎14	24°42	25°28	20°48	15°16	8°51	10°59	16° 6	6°59	7°27	17°55	n.a.	F 14
S 15	2 45 0	11° 8'22	28°30	28°24	25°51	25°30	20°59	15°21	8°52	10°59	16° 8	6°51	7°24	18° 1	n.a.	S 15
S 16	2 48 57	12° 9'42	11♑ 4	27°44	26°59	25°32	21° 9	15°26	8°53	11° 0	16° 9	6°46	7°21	18° 8	n.a.	S 16
M17	2 52 53	13°11'02	23°52	27°14	28° 7	25°36	21°20	15°31	8°54	11° 0	16°11	6°44	7°18	18°15	n.a.	M17
T 18	2 56 50	14°12'21	6♒57	26°56	29°16	25°39	21°30	15°35	8°55	11° 1	16°13	6°44	7°15	18°21	n.a.	T 18
W19	3 0 46	15°13'40	20°22	26°D47	0♎24	25°44	21°40	15°40	8°56	11° 1	16°14	6°44	7°12	18°28	n.a.	W19
T 20	3 4 43	16°14'59	4♓11	26°48	1°33	25°49	21°51	15°45	8°57	11° 2	16°16	6°43	7° 8	18°35	n.a.	T 20
F 21	3 8 40	17°16'17	18°25	26°58	2°43	25°56	22° 1	15°49	8°58	11° 2	16°18	6°40	7° 5	18°42	n.a.	F 21
S 22	3 12 36	18°17'34	3♈ 3	27°16	3°52	26° 2	22°11	15°54	8°59	11° 3	16°20	6°34	7° 2	18°48	n.a.	S 22
S 23	3 16 33	19°18'52	18° 0	27°41	5° 1	26°10	22°20	15°58	9° 0	11° 3	16°21	6°26	6°59	18°55	n.a.	S 23
M24	3 20 29	20°20'09	3♉ 8	28°13	6°11	26°18	22°30	16° 3	9° 1	11° 4	16°23	6°15	6°56	19° 2	n.a.	M24
T 25	3 24 26	21°21'26	18°19	28°51	7°20	26°27	22°40	16° 7	9° 2	11° 5	16°25	6° 4	6°52	19° 8	n.a.	T 25
W26	3 28 22	22°22'42	3♊21	29°35	8°30	26°36	22°49	16°11	9° 4	11° 6	16°27	5°53	6°49	19°15	n.a.	W26
T 27	3 32 19	23°23'58	18° 3	0♏23	9°40	26°46	22°59	16°15	9° 5	11° 6	16°28	5°43	6°46	19°22	n.a.	T 27
F 28	3 36 16	24°25'15	2♋21	1°16	10°50	26°57	23° 8	16°19	9° 6	11° 7	16°30	5°37	6°43	19°29	n.a.	F 28
S 29	3 40 12	25°26'30	16° 9	2°12	12° 1	27° 8	23°17	16°23	9° 8	11° 8	16°32	5°33	6°40	19°35	n.a.	S 29
S 30	3 44 9	26♏27'46	29♋27	3♏12	13♎11	27♓20	23♍27	16♍27	9♒ 9	11♒ 9	16♐34	5♒31	6♒37	19♎42	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s31	26n12	2n35	17s 2	1s 7	9n19	1n36	2s 4	0s38	5n53	1n19	8n32	2n22	19s 8	0s46	19s 3	1s18	26s54	3s49	18s24	18s33	10s59		n.a.
S 2	10 54	23 41	1 32	16 40	0 51	8 57	1 40	2 5	0 36	5 48	1 19	8 30	2 22	19 8	0 46	19 3	1 18	26 54	3 49	18 24	18 34	11 2		n.a.
M 3	11 16	20 3	0 26	16 14	0 34	8 35	1 44	2 6	0 33	5 44	1 19	8 28	2 22	19 8	0 46	19 3	1 18	26 54	3 49	18 24	18 35	11 5		n.a.
T 4	11 38	15 36	0s40	15 42	0 15	8 13	1 47	2 6	0 30	5 39	1 19	8 26	2 22	19 8	0 46	19 3	1 18	26 54	3 49	18 24	18 36	11 8		n.a.
W 5	12 0	10 38	1 42	15 6	0n 4	7 50	1 50	2 6	0 27	5 35	1 19	8 24	2 22	19 7	0 46	19 3	1 18	26 54	3 49	18 25	18 37	11 10		n.a.
T 6	12 22	5 21	2 39	14 26	0 25	7 27	1 53	2 6	0 25	5 31	1 19	8 22	2 22	19 7	0 46	19 3	1 18	26 54	3 49	18 26	18 37	11 13		n.a.
F 7	12 43	0s 4	3 28	13 43	0 45	7 3	1 56	2 6	0 22	5 26	1 19	8 20	2 23	19 7	0 46	19 3	1 18	26 54	3 49	18 27	18 38	11 16		n.a.
S 8	13 4	5 27	4 8	12 58	1 5	6 39	1 59	2 5	0 20	5 22	1 20	8 18	2 23	19 7	0 46	19 2	1 18	26 55	3 49	18 30	18 39	11 19		n.a.
S 9	13 25	10 38	4 37	12 12	1 25	6 15	2 2	2 4	0 17	5 17	1 20	8 16	2 23	19 7	0 46	19 2	1 18	26 55	3 49	18 33	18 40	11 22		n.a.
M10	13 46	15 27	4 54	11 27	1 43	5 51	2 4	2 3	0 15	5 13	1 20	8 14	2 23	19 7	0 46	19 2	1 18	26 55	3 49	18 37	18 41	11 25		n.a.
T 11	14 7	19 42	4 59	10 44	2 0	5 26	2 7	2 1	0 12	5 9	1 20	8 12	2 23	19 7	0 46	19 2	1 18	26 55	3 50	18 41	18 42	11 28		n.a.
W12	14 27	23 11	4 50	10 3	2 15	5 1	2 9	1 59	0 10	5 5	1 20	8 10	2 24	19 6	0 46	19 2	1 18	26 55	3 50	18 45	18 42	11 31		n.a.
T 13	14 47	25 41	4 28	9 27	2 28	4 36	2 11	1 57	0 7	5 0	1 20	8 9	2 24	19 6	0 46	19 2	1 18	26 56	3 50	18 49	18 43	11 34		n.a.
F 14	15 7	26 59	3 53	8 56	2 38	4 10	2 13	1 55	0 5	4 56	1 20	8 7	2 24	19 6	0 46	19 2	1 18	26 56	3 50	18 51	18 44	11 37		n.a.
S 15	15 26	26 58	3 7	8 30	2 47	3 44	2 15	1 52	0 3	4 52	1 21	8 5	2 24	19 6	0 46	19 2	1 18	26 56	3 50	18 53	18 45	11 40		n.a.
S 16	15 45	25 34	2 11	8 10	2 53	3 18	2 17	1 49	0 1	4 48	1 21	8 3	2 24	19 6	0 46	19 2	1 18	26 56	3 50	18 55	18 46	11 43		n.a.
M17	16 4	22 49	1 7	7 56	2 57	2 52	2 18	1 46	0n 1	4 44	1 21	8 2	2 25	19 5	0 46	19 1	1 18	26 56	3 50	18 55	18 46	11 45		n.a.
T 18	16 23	18 51	0n 1	7 47	2 59	2 25	2 19	1 42	0 4	4 40	1 21	8 0	2 25	19 5	0 46	19 1	1 18	26 57	3 50	18 55	18 47	11 48		n.a.
W19	16 41	13 50	1 11	7 43	3 0	1 59	2 21	1 38	0 6	4 36	1 21	7 58	2 25	19 5	0 46	19 1	1 18	26 57	3 50	18 55	18 48	11 51		n.a.
T 20	17 0	7 59	2 20	7 44	2 59	1 32	2 22	1 34	0 8	4 32	1 21	7 57	2 25	19 4	0 46	19 1	1 18	26 57	3 50	18 55	18 49	11 54		n.a.
F 21	17 17	1 35	3 21	7 50	2 57	1 5	2 23	1 30	0 10	4 28	1 22	7 55	2 26	19 4	0 46	19 1	1 18	26 57	3 50	18 56	18 50	11 57		n.a.
S 22	17 35	5n 4	4 11	7 59	2 53	0 38	2 24	1 26	0 11	4 24	1 22	7 53	2 26	19 4	0 46	19 1	1 18	26 57	3 50	18 58	18 51	12 0		n.a.
S 23	17 52	11 34	4 46	8 12	2 49	0 11	2 25	1 21	0 13	4 20	1 22	7 52	2 26	19 3	0 46	19 0	1 18	26 58	3 50	19 0	18 51	12 3		n.a.
M24	18 9	17 28	5 0	8 29	2 44	0s17	2 25	1 16	0 15	4 17	1 22	7 50	2 26	19 3	0 46	19 0	1 18	26 58	3 50	19 3	18 52	12 6		n.a.
T 25	18 25	22 17	4 54	8 48	2 39	0 44	2 26	1 11	0 17	4 13	1 22	7 49	2 26	19 3	0 45	19 0	1 18	26 58	3 50	19 5	18 53	12 8		n.a.
W26	18 41	25 34	4 27	9 9	2 32	1 12	2 26	1 5	0 19	4 9	1 22	7 47	2 27	19 2	0 45	19 0	1 18	26 58	3 50	19 8	18 54	12 11		n.a.
T 27	18 57	27 1	3 43	9 32	2 26	1 40	2 26	1 0	0 20	4 6	1 23	7 46	2 27	19 2	0 45	18 59	1 18	26 58	3 50	19 11	18 55	12 14		n.a.
F 28	19 13	26 37	2 46	9 57	2 19	2 7	2 27	0 54	0 22	4 2	1 23	7 45	2 27	19 2	0 45	18 59	1 17	26 59	3 50	19 12	18 55	12 17		n.a.
S 29	19 28	24 32	1 41	10 24	2 11	2 35	2 27	0 48	0 24	3 59	1 23	7 43	2 27	19 1	0 45	18 59	1 17	26 59	3 50	19 13	18 56	12 20		n.a.
S 30	19s42	21n 9	0n32	10s52	2n 4	3s 3	2n27	0s42	0n25	3n55	1n23	7n42	2n28	19s 1	0s45	18s59	1s17	26s59	3s50	19s14	18s57	12s23		n.a.

Julian Day Number = 1197228.5, Delta T = 09h26m10s
Ecliptic obliquity = 23°51'55, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'40, Lahiri = -23°45'40 Julian Calendar 1 Nov. 1436 BCE == Greg. Calendar 19 Oct. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1436 BCE
geocentric

DECEMBER 1436 BCE (-1435) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 48 5	27♏29'01	12♌19	4♏15	14♎21	27♓32	23♍36	16♍31	9♒11	11♒10	16♐36	5°D31	6♒33	19♎49	n.a.	M 1
T 2	3 52 2	28°30'16	24°48	5°21	15°32	27°45	23°44	16°34	9°12	11°11	16°37	5°R32	6°30	19°55	n.a.	T 2
W 3	3 55 58	29°31'31	7♍ 0	6°29	16°43	27°58	23°53	16°38	9°14	11°12	16°39	5♒31	6°27	20° 2	n.a.	W 3
T 4	3 59 55	0♐32'46	18°59	7°39	17°54	28°12	24° 2	16°41	9°16	11°13	16°41	5°29	6°24	20° 9	n.a.	T 4
F 5	4 3 52	1°34'00	0♎52	8°51	19° 4	28°27	24°10	16°45	9°17	11°14	16°43	5°25	6°21	20°16	n.a.	F 5
S 6	4 7 48	2°35'13	12°41	10° 6	20°15	28°42	24°19	16°48	9°19	11°15	16°45	5°18	6°18	20°22	n.a.	S 6
S 7	4 11 45	3°36'26	24°32	11°21	21°27	28°57	24°27	16°51	9°21	11°16	16°47	5° 9	6°14	20°29	n.a.	S 7
M 8	4 15 41	4°37'39	6♏28	12°39	22°38	29°13	24°35	16°54	9°23	11°17	16°49	4°58	6°11	20°36	n.a.	M 8
T 9	4 19 38	5°38'50	18°30	13°57	23°49	29°30	24°43	16°57	9°24	11°18	16°50	4°45	6° 8	20°42	n.a.	T 9
W10	4 23 34	6°40'01	0♐40	15°17	25° 0	29°47	24°51	17° 0	9°26	11°19	16°52	4°34	6° 5	20°49	n.a.	W10
T 11	4 27 31	7°41'12	12°59	16°38	26°12	0♈ 4	24°59	17° 3	9°28	11°20	16°54	4°23	6° 2	20°56	n.a.	T 11
F 12	4 31 27	8°42'21	25°28	18° 0	27°23	0°22	25° 6	17° 6	9°30	11°22	16°56	4°14	5°58	21° 3	n.a.	F 12
S 13	4 35 24	9°43'30	8♑ 7	19°23	28°35	0°40	25°14	17° 9	9°32	11°23	16°58	4° 9	5°55	21° 9	n.a.	S 13
S 14	4 39 21	10°44'37	20°56	20°47	29°47	0°59	25°21	17°11	9°34	11°24	17° 0	4° 5	5°52	21°16	n.a.	S 14
M15	4 43 17	11°45'43	3♒57	22°12	0♏58	1°18	25°28	17°14	9°37	11°26	17° 2	4°D 4	5°49	21°23	n.a.	M15
T 16	4 47 14	12°46'47	17°11	23°38	2°10	1°38	25°35	17°16	9°39	11°27	17° 4	4° 5	5°46	21°30	n.a.	T 16
W17	4 51 10	13°47'51	0♓40	25° 5	3°22	1°58	25°42	17°18	9°41	11°28	17° 6	4° 6	5°43	21°36	n.a.	W17
T 18	4 55 7	14°48'52	14°26	26°32	4°34	2°18	25°49	17°21	9°43	11°30	17° 8	4°R 7	5°39	21°43	n.a.	T 18
F 19	4 59 3	15°49'53	28°28	28° 0	5°46	2°39	25°56	17°23	9°46	11°31	17°10	4° 6	5°36	21°50	n.a.	F 19
S 20	5 3 0	16°50'51	12♈47	29°29	6°58	3° 0	26° 2	17°25	9°48	11°33	17°11	4° 3	5°33	21°56	n.a.	S 20
S 21	5 6 57	17°51'49	27°20	0♐59	8°10	3°21	26° 8	17°27	9°50	11°34	17°13	3°58	5°30	22° 3	n.a.	S 21
M22	5 10 53	18°52'44	12♉ 3	2°29	9°22	3°43	26°15	17°28	9°53	11°36	17°15	3°52	5°27	22°10	n.a.	M22
T 23	5 14 50	19°53'39	26°48	4° 1	10°34	4° 5	26°21	17°30	9°55	11°37	17°17	3°45	5°24	22°17	n.a.	T 23
W24	5 18 46	20°54'32	11♊29	5°33	11°46	4°27	26°26	17°32	9°58	11°39	17°19	3°38	5°20	22°23	n.a.	W24
T 25	5 22 43	21°55'23	25°57	7° 5	12°59	4°50	26°32	17°33	10° 0	11°40	17°21	3°32	5°17	22°30	n.a.	T 25
F 26	5 26 39	22°56'13	10♋ 6	8°39	14°11	5°13	26°38	17°35	10° 3	11°42	17°23	3°28	5°14	22°37	n.a.	F 26
S 27	5 30 36	23°57'02	23°52	10°13	15°23	5°37	26°43	17°36	10° 5	11°44	17°25	3°26	5°11	22°43	n.a.	S 27
S 28	5 34 32	24°57'50	7♌12	11°48	16°36	6° 0	26°48	17°37	10° 8	11°45	17°27	3°D25	5° 8	22°50	n.a.	S 28
M29	5 38 29	25°58'36	20° 9	13°24	17°48	6°24	26°53	17°38	10°10	11°47	17°29	3°26	5° 4	22°57	n.a.	M29
T 30	5 42 26	26°59'21	2♍44	15° 0	19° 1	6°48	26°58	17°39	10°13	11°49	17°31	3°28	5° 1	23° 4	n.a.	T 30
W31	5 46 22	28♐ 0'04	15♍ 0	16♐38	20♏13	7♈13	27♍ 3	17♍40	10♒16	11♒50	17♐32	3♒29	4♒58	23♎10	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s57	16n50	0s36	11s21	1n56	3s31	2n26	0s35	0n27	3n52	1n23	7n41	2n28	19s 0	0s45	18s58	1s17	26s59	3s50	19s14	18s58	12s26		n.a.
T 2	20 11	11 54	1 41	11 51	1 48	3 59	2 26	0 29	0 28	3 48	1 24	7 40	2 28	19 0	0 45	18 58	1 17	27 0	3 50	19 13	18 59	12 28		n.a.
W 3	20 24	6 38	2 39	12 21	1 40	4 27	2 26	0 22	0 30	3 45	1 24	7 38	2 28	18 59	0 45	18 58	1 17	27 0	3 50	19 14	19 0	12 31		n.a.
T 4	20 38	1 14	3 30	12 52	1 32	4 55	2 25	0 15	0 31	3 42	1 24	7 37	2 29	18 59	0 45	18 57	1 17	27 0	3 50	19 14	19 0	12 34		n.a.
F 5	20 50	4s10	4 10	13 23	1 23	5 22	2 25	0 8	0 33	3 38	1 24	7 36	2 29	18 58	0 45	18 57	1 17	27 0	3 50	19 15	19 1	12 37		n.a.
S 6	21 3	9 23	4 40	13 55	1 15	5 50	2 24	0 1	0 34	3 35	1 24	7 35	2 29	18 58	0 45	18 57	1 17	27 1	3 50	19 17	19 2	12 40		n.a.
S 7	21 15	14 17	4 58	14 27	1 7	6 18	2 23	0n 7	0 35	3 32	1 25	7 34	2 29	18 57	0 45	18 56	1 17	27 1	3 50	19 19	19 3	12 43		n.a.
M 8	21 26	18 40	5 3	14 59	0 59	6 46	2 22	0 15	0 37	3 29	1 25	7 33	2 30	18 57	0 45	18 56	1 17	27 1	3 50	19 22	19 4	12 45		n.a.
T 9	21 38	22 21	4 55	15 30	0 51	7 13	2 21	0 23	0 38	3 26	1 25	7 32	2 30	18 56	0 45	18 56	1 17	27 1	3 50	19 25	19 4	12 48		n.a.
W10	21 48	25 6	4 33	16 2	0 42	7 41	2 20	0 31	0 39	3 23	1 25	7 31	2 30	18 56	0 45	18 55	1 17	27 2	3 51	19 28	19 5	12 51		n.a.
T 11	21 59	26 42	3 58	16 33	0 34	8 8	2 19	0 39	0 41	3 20	1 25	7 30	2 31	18 55	0 45	18 55	1 17	27 2	3 51	19 30	19 6	12 54		n.a.
F 12	22 9	26 58	3 11	17 4	0 27	8 36	2 18	0 47	0 42	3 17	1 26	7 29	2 31	18 55	0 45	18 55	1 17	27 2	3 51	19 32	19 7	12 57		n.a.
S 13	22 18	25 51	2 14	17 35	0 19	9 3	2 16	0 55	0 43	3 14	1 26	7 29	2 31	18 54	0 45	18 54	1 17	27 2	3 51	19 34	19 8	12 59		n.a.
S 14	22 27	23 21	1 10	18 6	0 11	9 30	2 15	1 4	0 44	3 11	1 26	7 28	2 31	18 53	0 45	18 54	1 17	27 3	3 51	19 35	19 8	13 2		n.a.
M15	22 36	19 37	0 1	18 35	0 3	9 56	2 13	1 13	0 45	3 9	1 26	7 27	2 32	18 53	0 45	18 53	1 17	27 3	3 51	19 35	19 9	13 5		n.a.
T 16	22 44	14 51	1n10	19 5	0s 4	10 23	2 12	1 22	0 46	3 6	1 27	7 26	2 32	18 52	0 45	18 53	1 17	27 3	3 51	19 35	19 10	13 8		n.a.
W17	22 52	9 17	2 18	19 34	0 12	10 50	2 10	1 31	0 47	3 4	1 27	7 26	2 32	18 52	0 45	18 53	1 17	27 3	3 51	19 34	19 11	13 11		n.a.
T 18	22 59	3 10	3 20	20 2	0 19	11 16	2 8	1 40	0 48	3 1	1 27	7 25	2 32	18 51	0 45	18 52	1 17	27 4	3 51	19 34	19 12	13 13		n.a.
F 19	23 6	3n12	4 11	20 29	0 26	11 42	2 6	1 49	0 49	2 59	1 27	7 24	2 33	18 50	0 45	18 52	1 17	27 4	3 51	19 34	19 12	13 16		n.a.
S 20	23 12	9 32	4 47	20 56	0 33	12 8	2 4	1 59	0 50	2 56	1 27	7 24	2 33	18 50	0 45	18 51	1 17	27 4	3 51	19 35	19 13	13 19		n.a.
S 21	23 18	15 27	5 6	21 22	0 39	12 33	2 2	2 8	0 51	2 54	1 28	7 23	2 33	18 49	0 45	18 51	1 17	27 4	3 51	19 36	19 14	13 22		n.a.
M22	23 23	20 32	5 5	21 47	0 46	12 58	2 0	2 18	0 52	2 52	1 28	7 23	2 34	18 48	0 45	18 50	1 17	27 5	3 51	19 38	19 15	13 25		n.a.
T 23	23 28	24 23	4 44	22 11	0 52	13 23	1 58	2 28	0 53	2 49	1 28	7 23	2 34	18 48	0 45	18 50	1 17	27 5	3 51	19 39	19 15	13 27		n.a.
W24	23 33	26 35	4 4	22 34	0 58	13 48	1 56	2 37	0 54	2 47	1 28	7 22	2 34	18 47	0 45	18 49	1 17	27 5	3 52	19 41	19 16	13 30		n.a.
T 25	23 37	26 57	3 9	22 56	1 4	14 13	1 54	2 47	0 55	2 45	1 29	7 22	2 34	18 46	0 45	18 49	1 17	27 6	3 52	19 43	19 17	13 33		n.a.
F 26	23 40	25 31	2 3	23 17	1 10	14 37	1 51	2 58	0 56	2 43	1 29	7 22	2 35	18 45	0 45	18 48	1 17	27 6	3 52	19 44	19 18	13 36		n.a.
S 27	23 43	22 34	0 52	23 37	1 15	15 0	1 49	3 8	0 57	2 41	1 29	7 21	2 35	18 45	0 44	18 48	1 17	27 6	3 52	19 44	19 19	13 38		n.a.
S 28	23 46	18 28	0s21	23 56	1 20	15 24	1 46	3 18	0 57	2 39	1 29	7 21	2 35	18 44	0 44	18 48	1 17	27 6	3 52	19 44	19 19	13 41		n.a.
M29	23 48	13 37	1 30	24 13	1 25	15 47	1 44	3 28	0 58	2 38	1 30	7 21	2 35	18 43	0 44	18 47	1 17	27 7	3 52	19 44	19 20	13 44		n.a.
T 30	23 50	8 19	2 33	24 29	1 30	16 10	1 41	3 39	0 59	2 36	1 30	7 21	2 36	18 42	0 44	18 47	1 17	27 7	3 52	19 44	19 21	13 47		n.a.
W31	23s51	2n50	3s27	24s44	1s34	16s32	1n39	3n49	1n 0	2n34	1n30	7n21	2n36	18s42	0s44	18s46	1s17	27s 7	3s52	19s43	19s22	13s49		n.a.

Julian Day Number = 1197258.5, Delta T = 09h26m09s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'36, Lahiri = -23°45'36 Julian Calendar 1 Dec. 1436 BCE == Greg. Calendar 18 Nov. 1436 BCE

The year -1435 astronomical counting style corresponds to year 1436 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

JANUARY 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 50 19	29♐ 0'46	27♍ 4	18♐16	21♏26	7♈38	27♍ 7	17♍41	10♒19	11♒52	17♐34	3°R30	4♒55	23♎17	n.a.	T 1
F 2	5 54 15	0♑ 1'27	8♎58	19°55	22°38	8° 3	27°12	17°41	10°21	11°54	17°36	3♒30	4°52	23°24	n.a.	F 2
S 3	5 58 12	1° 2'06	20°50	21°34	23°51	8°28	27°16	17°42	10°24	11°56	17°38	3°28	4°49	23°31	n.a.	S 3
S 4	6 2 8	2° 2'44	2♏43	23°15	25° 3	8°53	27°20	17°43	10°27	11°58	17°40	3°25	4°45	23°37	n.a.	S 4
M 5	6 6 5	3° 3'21	14°41	24°56	26°16	9°19	27°24	17°43	10°30	11°59	17°42	3°20	4°42	23°44	n.a.	M 5
T 6	6 10 1	4° 3'56	26°47	26°39	27°29	9°45	27°27	17°43	10°33	12° 1	17°44	3°15	4°39	23°51	n.a.	T 6
W 7	6 13 58	5° 4'30	9♐ 6	28°22	28°42	10°11	27°31	17°43	10°36	12° 3	17°45	3°10	4°36	23°57	n.a.	W 7
T 8	6 17 55	6° 5'02	21°37	0♑ 6	29°54	10°38	27°34	17°R43	10°38	12° 5	17°47	3° 5	4°33	24° 4	n.a.	T 8
F 9	6 21 51	7° 5'32	4♑22	1°51	1♐ 7	11° 5	27°37	17°43	10°41	12° 7	17°49	3° 1	4°30	24°11	n.a.	F 9
S 10	6 25 48	8° 6'00	17°20	3°37	2°20	11°31	27°40	17°43	10°44	12° 9	17°51	2°59	4°26	24°18	n.a.	S 10
S 11	6 29 44	9° 6'27	0♒33	5°24	3°33	11°59	27°43	17°43	10°47	12°11	17°53	2°D58	4°23	24°24	n.a.	S 11
M12	6 33 41	10° 6'52	13°57	7°12	4°46	12°26	27°46	17°43	10°50	12°13	17°55	2°59	4°20	24°31	n.a.	M12
T 13	6 37 37	11° 7'14	27°33	9° 0	5°59	12°54	27°48	17°42	10°54	12°15	17°56	3° 0	4°17	24°38	n.a.	T 13
W14	6 41 34	12° 7'35	11♓20	10°50	7°11	13°21	27°50	17°42	10°57	12°17	17°58	3° 1	4°14	24°44	n.a.	W14
T 15	6 45 30	13° 7'53	25°16	12°41	8°24	13°49	27°53	17°41	11° 0	12°19	18° 0	3° 2	4°10	24°51	n.a.	T 15
F 16	6 49 27	14° 8'09	9♈20	14°32	9°37	14°17	27°54	17°40	11° 3	12°21	18° 2	3°R 3	4° 7	24°58	n.a.	F 16
S 17	6 53 24	15° 8'22	23°31	16°24	10°50	14°46	27°56	17°39	11° 6	12°23	18° 3	3° 3	4° 4	25° 5	n.a.	S 17
S 18	6 57 20	16° 8'34	7♉47	18°18	12° 3	15°14	27°58	17°38	11° 9	12°25	18° 5	3° 2	4° 1	25°11	n.a.	S 18
M19	7 1 17	17° 8'43	22° 5	20°11	13°16	15°43	27°59	17°37	11°12	12°27	18° 7	3° 0	3°58	25°18	n.a.	M19
T 20	7 5 13	18° 8'50	6♊21	22° 6	14°29	16°12	28° 0	17°36	11°15	12°29	18° 9	2°59	3°55	25°25	n.a.	T 20
W21	7 9 10	19° 8'55	20°32	24° 1	15°42	16°41	28° 1	17°35	11°19	12°31	18°10	2°57	3°51	25°32	n.a.	W21
T 22	7 13 6	20° 8'57	4♋32	25°56	16°55	17°10	28° 2	17°34	11°22	12°33	18°12	2°55	3°48	25°38	n.a.	T 22
F 23	7 17 3	21° 8'58	18°19	27°52	18° 8	17°39	28° 2	17°32	11°25	12°36	18°14	2°54	3°45	25°45	n.a.	F 23
S 24	7 20 59	22° 8'56	1♌49	29°48	19°21	18° 9	28° 3	17°31	11°28	12°38	18°15	2°D54	3°42	25°52	n.a.	S 24
S 25	7 24 56	23° 8'52	15° 0	1♒44	20°34	18°38	28°R 3	17°29	11°32	12°40	18°17	2°54	3°39	25°58	n.a.	S 25
M26	7 28 53	24° 8'47	27°52	3°40	21°47	19° 8	28° 3	17°27	11°35	12°42	18°19	2°55	3°36	26° 5	n.a.	M26
T 27	7 32 49	25° 8'39	10♍26	5°35	23° 0	19°38	28° 3	17°26	11°38	12°44	18°20	2°55	3°32	26°12	n.a.	T 27
W28	7 36 46	26° 8'29	22°45	7°29	24°13	20° 8	28° 2	17°24	11°42	12°46	18°22	2°56	3°29	26°19	n.a.	W28
T 29	7 40 42	27° 8'17	4♎51	9°21	25°26	20°38	28° 2	17°22	11°45	12°49	18°23	2°57	3°26	26°25	n.a.	T 29
F 30	7 44 39	28° 8'04	16°48	11°12	26°39	21° 8	28° 1	17°20	11°48	12°51	18°25	2°57	3°23	26°32	n.a.	F 30
S 31	7 48 35	29♑ 7'49	28♎41	13♒ 1	27♐52	21♈39	28♍ 0	17♍17	11♒52	12♒53	18♐26	2°R57	3♒20	26♎39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s52	2s38	4s11	24s58	1s38	16s54	1n36	4n 0	1n 0	2n33	1n30	7n21	2n36	18s41	0s44	18s45	1s17	27s 8	3s52	19s43	19s23	13s52			n.a.
F 2	23 52	7 57	4 44	25 10	1 42	17 15	1 33	4 11	1 1	2 31	1 31	7 21	2 37	18 40	0 44	18 45	1 17	27 8	3 52	19 43	19 23	13 55			n.a.
S 3	23 52	12 57	5 4	25 21	1 45	17 36	1 31	4 21	1 2	2 30	1 31	7 21	2 37	18 39	0 44	18 44	1 17	27 8	3 52	19 44	19 24	13 57			n.a.
S 4	23 51	17 30	5 12	25 30	1 48	17 57	1 28	4 32	1 2	2 28	1 31	7 21	2 37	18 38	0 44	18 44	1 16	27 8	3 53	19 44	19 25	14 0			n.a.
M 5	23 50	21 23	5 6	25 37	1 51	18 17	1 25	4 43	1 3	2 27	1 31	7 21	2 37	18 38	0 44	18 43	1 16	27 9	3 53	19 45	19 26	14 3			n.a.
T 6	23 48	24 25	4 46	25 43	1 54	18 37	1 22	4 54	1 4	2 26	1 32	7 21	2 38	18 37	0 44	18 43	1 16	27 9	3 53	19 47	19 26	14 6			n.a.
W 7	23 46	26 22	4 13	25 47	1 56	18 56	1 19	5 5	1 4	2 24	1 32	7 21	2 38	18 36	0 44	18 42	1 16	27 9	3 53	19 48	19 27	14 8			n.a.
T 8	23 43	27 3	3 27	25 49	1 57	19 15	1 17	5 16	1 5	2 23	1 32	7 21	2 38	18 35	0 44	18 42	1 16	27 10	3 53	19 49	19 28	14 11			n.a.
F 9	23 40	26 18	2 31	25 50	1 59	19 33	1 14	5 28	1 6	2 22	1 32	7 22	2 39	18 34	0 44	18 41	1 16	27 10	3 53	19 50	19 29	14 14			n.a.
S 10	23 37	24 7	1 25	25 48	1 59	19 51	1 11	5 39	1 6	2 21	1 33	7 22	2 39	18 33	0 44	18 41	1 16	27 10	3 53	19 50	19 29	14 16			n.a.
S 11	23 33	20 37	0 13	25 45	2 0	20 8	1 8	5 50	1 7	2 20	1 33	7 22	2 39	18 33	0 44	18 40	1 16	27 10	3 53	19 51	19 30	14 19			n.a.
M12	23 28	15 59	1n 0	25 39	2 0	20 24	1 5	6 2	1 7	2 20	1 33	7 23	2 39	18 32	0 44	18 39	1 16	27 11	3 53	19 50	19 31	14 22			n.a.
T 13	23 23	10 29	2 11	25 32	1 59	20 40	1 2	6 13	1 8	2 19	1 34	7 23	2 40	18 31	0 44	18 39	1 16	27 11	3 54	19 50	19 32	14 24			n.a.
W14	23 18	4 26	3 16	25 23	1 58	20 56	0 59	6 25	1 8	2 18	1 34	7 24	2 40	18 30	0 44	18 38	1 16	27 11	3 54	19 50	19 33	14 27			n.a.
T 15	23 12	1n53	4 9	25 11	1 57	21 11	0 56	6 36	1 9	2 18	1 34	7 24	2 40	18 29	0 44	18 38	1 16	27 12	3 54	19 50	19 33	14 30			n.a.
F 16	23 6	8 10	4 49	24 57	1 55	21 25	0 53	6 48	1 9	2 17	1 34	7 25	2 41	18 28	0 44	18 37	1 16	27 12	3 54	19 49	19 34	14 32			n.a.
S 17	22 59	14 5	5 11	24 41	1 52	21 39	0 50	6 59	1 10	2 17	1 35	7 25	2 41	18 27	0 44	18 36	1 16	27 12	3 54	19 49	19 35	14 35			n.a.
S 18	22 52	19 17	5 14	24 23	1 49	21 52	0 46	7 11	1 10	2 16	1 35	7 26	2 41	18 26	0 44	18 36	1 16	27 12	3 54	19 50	19 36	14 38			n.a.
M19	22 45	23 24	4 58	24 3	1 45	22 5	0 43	7 23	1 11	2 16	1 35	7 27	2 41	18 26	0 44	18 35	1 16	27 13	3 54	19 50	19 36	14 40			n.a.
T 20	22 37	26 5	4 24	23 40	1 41	22 17	0 40	7 34	1 11	2 16	1 35	7 27	2 42	18 25	0 44	18 35	1 16	27 13	3 55	19 50	19 37	14 43			n.a.
W21	22 28	27 4	3 33	23 15	1 36	22 28	0 37	7 46	1 12	2 16	1 36	7 28	2 42	18 24	0 44	18 34	1 16	27 13	3 55	19 51	19 38	14 46			n.a.
T 22	22 19	26 17	2 30	22 48	1 30	22 39	0 34	7 58	1 12	2 16	1 36	7 29	2 42	18 23	0 44	18 33	1 16	27 14	3 55	19 51	19 39	14 48			n.a.
F 23	22 10	23 54	1 20	22 19	1 24	22 49	0 31	8 10	1 13	2 16	1 36	7 30	2 42	18 22	0 44	18 33	1 16	27 14	3 55	19 51	19 39	14 51			n.a.
S 24	22 0	20 12	0 6	21 48	1 17	22 58	0 28	8 22	1 13	2 16	1 36	7 30	2 43	18 21	0 44	18 32	1 16	27 14	3 55	19 52	19 40	14 54			n.a.
S 25	21 50	15 34	1s 7	21 15	1 9	23 7	0 25	8 33	1 13	2 16	1 37	7 31	2 43	18 20	0 44	18 31	1 16	27 14	3 55	19 52	19 41	14 56			n.a.
M26	21 40	10 20	2 14	20 40	1 1	23 15	0 22	8 45	1 14	2 16	1 37	7 32	2 43	18 19	0 44	18 31	1 16	27 15	3 55	19 51	19 42	14 59			n.a.
T 27	21 29	4 49	3 13	20 3	0 52	23 22	0 19	8 57	1 14	2 16	1 37	7 33	2 43	18 18	0 44	18 30	1 16	27 15	3 55	19 51	19 42	15 2			n.a.
W28	21 18	0s46	4 2	19 24	0 42	23 29	0 16	9 9	1 15	2 17	1 37	7 34	2 44	18 17	0 44	18 30	1 16	27 15	3 56	19 51	19 43	15 4			n.a.
T 29	21 6	6 13	4 40	18 44	0 32	23 34	0 13	9 21	1 15	2 17	1 38	7 35	2 44	18 16	0 44	18 29	1 16	27 16	3 56	19 51	19 44	15 7			n.a.
F 30	20 54	11 23	5 4	18 3	0 21	23 40	0 10	9 33	1 15	2 18	1 38	7 36	2 44	18 15	0 44	18 28	1 16	27 16	3 56	19 51	19 45	15 9			n.a.
S 31	20s42	16s 6	5s16	17s21	0s 9	23s44	0n 7	9n45	1n16	2n18	1n38	7n37	2n44	18s14	0s44	18s28	1s16	27s16	3s56	19s51	19s45	15s12			n.a.

Julian Day Number = 1197289.5, Delta T = 09h26m07s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'32, Lahiri = -23°45'32 Julian Calendar 1 Jan. 1435 BCE == Greg. Calendar 19 Dec. 1436 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

FEBRUARY 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 52 32	0♒ 7'31	10♏35	14♒48	29♐ 5	22♈ 9	27°R59	17°R15	11♒55	12♒55	18♐28	2°R57	3♒16	26♎46	n.a.	S 1
M 2	7 56 28	1° 7'12	22°34	16°31	0♑18	22°40	27♏57	17♏13	11°58	12°58	18°29	2♒57	3°13	26°52	n.a.	M 2
T 3	8 0 25	2° 6'51	4♐42	18°11	1°32	23°11	27°56	17°10	12° 2	13° 0	18°31	2°57	3°10	26°59	n.a.	T 3
W 4	8 4 22	3° 6'29	17° 4	19°47	2°45	23°42	27°54	17° 8	12° 5	13° 2	18°32	2°D57	3° 7	27° 6	n.a.	W 4
T 5	8 8 18	4° 6'04	29°42	21°19	3°58	24°13	27°52	17° 5	12° 8	13° 4	18°34	2°57	3° 4	27°12	n.a.	T 5
F 6	8 12 15	5° 5'37	12♑39	22°45	5°11	24°44	27°50	17° 3	12°12	13° 7	18°35	2°57	3° 1	27°19	n.a.	F 6
S 7	8 16 11	6° 5'08	25°55	24° 7	6°24	25°15	27°48	17° 0	12°15	13° 9	18°37	2°57	2°57	27°26	n.a.	S 7
S 8	8 20 8	7° 4'37	9♒30	25°22	7°37	25°46	27°46	16°57	12°19	13°11	18°38	2°R57	2°54	27°33	n.a.	S 8
M 9	8 24 4	8° 4'04	23°21	26°31	8°50	26°18	27°43	16°54	12°22	13°13	18°40	2°57	2°51	27°39	n.a.	M 9
T 10	8 28 1	9° 3'28	7♓25	27°34	10° 4	26°50	27°40	16°51	12°25	13°16	18°41	2°56	2°48	27°46	n.a.	T 10
W11	8 31 57	10° 2'50	21°39	28°29	11°17	27°21	27°37	16°48	12°29	13°18	18°42	2°56	2°45	27°53	n.a.	W11
T 12	8 35 54	11° 2'09	5♈58	29°18	12°30	27°53	27°34	16°45	12°32	13°20	18°44	2°55	2°42	27°59	n.a.	T 12
F 13	8 39 50	12° 1'26	20°18	29°59	13°43	28°25	27°31	16°41	12°36	13°22	18°45	2°54	2°38	28° 6	n.a.	F 13
S 14	8 43 47	13° 0'41	4♉35	0♓33	14°56	28°57	27°27	16°38	12°39	13°25	18°46	2°53	2°35	28°13	n.a.	S 14
S 15	8 47 44	13°59'53	18°47	0°59	16° 9	29°29	27°24	16°35	12°42	13°27	18°47	2°D53	2°32	28°20	n.a.	S 15
M16	8 51 40	14°59'03	2♊51	1°18	17°22	0♉ 1	27°20	16°31	12°46	13°29	18°49	2°54	2°29	28°26	n.a.	M16
T 17	8 55 37	15°58'10	16°45	1°29	18°36	0°34	27°16	16°28	12°49	13°31	18°50	2°55	2°26	28°33	n.a.	T 17
W18	8 59 33	16°57'15	0♋29	1°R32	19°49	1° 6	27°12	16°24	12°53	13°34	18°51	2°56	2°22	28°40	n.a.	W18
T 19	9 3 30	17°56'17	14° 1	1°28	21° 2	1°38	27° 7	16°21	12°56	13°36	18°52	2°57	2°19	28°47	n.a.	T 19
F 20	9 7 26	18°55'17	27°20	1°18	22°15	2°11	27° 3	16°17	13° 0	13°38	18°53	2°R58	2°16	28°53	n.a.	F 20
S 21	9 11 23	19°54'15	10♌27	1° 0	23°28	2°44	26°58	16°13	13° 3	13°41	18°54	2°58	2°13	29° 0	n.a.	S 21
S 22	9 15 19	20°53'10	23°20	0°37	24°41	3°16	26°53	16°10	13° 6	13°43	18°55	2°57	2°10	29° 7	n.a.	S 22
M23	9 19 16	21°52'03	6♍ 0	0° 8	25°55	3°49	26°48	16° 6	13°10	13°45	18°56	2°55	2° 7	29°13	n.a.	M23
T 24	9 23 13	22°50'54	18°26	29♒34	27° 8	4°22	26°43	16° 2	13°13	13°47	18°57	2°52	2° 3	29°20	n.a.	T 24
W25	9 27 9	23°49'43	0♎41	28°55	28°21	4°55	26°38	15°58	13°16	13°50	18°58	2°49	2° 0	29°27	n.a.	W25
T 26	9 31 6	24°48'30	12°45	28°14	29°34	5°28	26°33	15°54	13°20	13°52	18°59	2°45	1°57	29°34	n.a.	T 26
F 27	9 35 2	25°47'15	24°43	27°29	0♒47	6° 1	26°27	15°50	13°23	13°54	19° 0	2°42	1°54	29°40	n.a.	F 27
S 28	9 38 59	26♒45'59	6♏36	26♒44	2♒ 1	6♉34	26♏21	15♏46	13♒27	13♒56	19♐ 1	2♒39	1♒51	29♎47	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s29	20s13	5s14	16s38	0n 3	23s48	0n 4	9n57	1n16	2n19	1n38	7n38	2n45	18s13	0s44	18s27	1s16	27s17	3s56	19s51	19s46	15s15		n.a.
M 2	20 16	23 32	4 59	15 55	0 16	23 51	0 1	10 9	1 16	2 20	1 39	7 40	2 45	18 12	0 44	18 26	1 16	27 17	3 56	19 51	19 47	15 17		n.a.
T 3	20 2	25 52	4 30	15 12	0 29	23 54	0s 2	10 21	1 17	2 21	1 39	7 41	2 45	18 11	0 44	18 26	1 16	27 17	3 57	19 51	19 48	15 20		n.a.
W 4	19 49	27 0	3 48	14 29	0 42	23 55	0 5	10 33	1 17	2 22	1 39	7 42	2 45	18 11	0 44	18 25	1 16	27 17	3 57	19 51	19 48	15 22		n.a.
T 5	19 34	26 46	2 54	13 47	0 55	23 56	0 8	10 45	1 17	2 23	1 39	7 43	2 46	18 10	0 44	18 24	1 16	27 18	3 57	19 51	19 49	15 25		n.a.
F 6	19 20	25 5	1 50	13 5	1 9	23 57	0 11	10 57	1 17	2 24	1 40	7 44	2 46	18 9	0 44	18 24	1 16	27 18	3 57	19 51	19 50	15 28		n.a.
S 7	19 5	21 59	0 39	12 25	1 23	23 56	0 14	11 8	1 18	2 25	1 40	7 46	2 46	18 8	0 44	18 23	1 16	27 18	3 57	19 51	19 51	15 30		n.a.
S 8	18 50	17 37	0n36	11 47	1 37	23 55	0 17	11 20	1 18	2 26	1 40	7 47	2 46	18 7	0 44	18 22	1 16	27 19	3 57	19 51	19 51	15 33		n.a.
M 9	18 34	12 14	1 51	11 10	1 50	23 53	0 19	11 32	1 18	2 27	1 40	7 48	2 46	18 6	0 44	18 22	1 16	27 19	3 57	19 51	19 52	15 35		n.a.
T 10	18 19	6 10	3 0	10 36	2 4	23 50	0 22	11 44	1 19	2 29	1 41	7 50	2 47	18 5	0 44	18 21	1 16	27 19	3 58	19 51	19 53	15 38		n.a.
W11	18 3	0n16	3 58	10 5	2 17	23 47	0 25	11 56	1 19	2 30	1 41	7 51	2 47	18 4	0 44	18 20	1 16	27 19	3 58	19 51	19 54	15 40		n.a.
T 12	17 46	6 43	4 42	9 36	2 29	23 43	0 27	12 8	1 19	2 31	1 41	7 53	2 47	18 3	0 44	18 20	1 16	27 20	3 58	19 51	19 54	15 43		n.a.
F 13	17 29	12 49	5 9	9 10	2 41	23 38	0 30	12 20	1 19	2 33	1 41	7 54	2 47	18 2	0 44	18 19	1 16	27 20	3 58	19 51	19 55	15 46		n.a.
S 14	17 12	18 13	5 16	8 48	2 52	23 33	0 33	12 32	1 20	2 35	1 41	7 56	2 47	18 1	0 44	18 18	1 16	27 20	3 58	19 52	19 56	15 48		n.a.
S 15	16 55	22 35	5 4	8 29	3 2	23 27	0 35	12 44	1 20	2 36	1 42	7 57	2 48	18 0	0 44	18 18	1 16	27 21	3 59	19 52	19 57	15 51		n.a.
M16	16 38	25 35	4 34	8 13	3 12	23 20	0 38	12 55	1 20	2 38	1 42	7 59	2 48	17 59	0 44	18 17	1 16	27 21	3 59	19 52	19 57	15 53		n.a.
T 17	16 20	26 59	3 48	8 2	3 20	23 12	0 40	13 7	1 20	2 40	1 42	8 0	2 48	17 58	0 44	18 17	1 16	27 21	3 59	19 51	19 58	15 56		n.a.
W18	16 2	26 42	2 50	7 54	3 27	23 4	0 42	13 19	1 20	2 42	1 42	8 2	2 48	17 57	0 44	18 16	1 16	27 21	3 59	19 51	19 59	15 58		n.a.
T 19	15 44	24 49	1 43	7 50	3 33	22 55	0 45	13 31	1 21	2 44	1 43	8 3	2 48	17 56	0 44	18 15	1 16	27 22	3 59	19 51	20 0	16 1		n.a.
F 20	15 25	21 34	0 31	7 50	3 37	22 46	0 47	13 42	1 21	2 46	1 43	8 5	2 48	17 55	0 44	18 15	1 16	27 22	3 59	19 51	20 0	16 3		n.a.
S 21	15 6	17 16	0s41	7 54	3 40	22 36	0 49	13 54	1 21	2 48	1 43	8 7	2 49	17 54	0 44	18 14	1 16	27 22	4 0	19 51	20 1	16 6		n.a.
S 22	14 47	12 15	1 50	8 1	3 41	22 25	0 51	14 6	1 21	2 50	1 43	8 8	2 49	17 53	0 44	18 13	1 16	27 22	4 0	19 51	20 2	16 8		n.a.
M23	14 28	6 49	2 52	8 12	3 40	22 13	0 54	14 17	1 21	2 52	1 43	8 10	2 49	17 52	0 44	18 13	1 16	27 23	4 0	19 51	20 2	16 11		n.a.
T 24	14 9	1 13	3 45	8 26	3 38	22 1	0 56	14 29	1 21	2 54	1 43	8 12	2 49	17 51	0 44	18 12	1 16	27 23	4 0	19 52	20 3	16 13		n.a.
W25	13 49	4s20	4 26	8 43	3 34	21 48	0 58	14 40	1 22	2 56	1 44	8 13	2 49	17 50	0 44	18 11	1 16	27 23	4 0	19 53	20 4	16 16		n.a.
T 26	13 29	9 38	4 55	9 3	3 29	21 34	1 0	14 51	1 22	2 59	1 44	8 15	2 49	17 49	0 44	18 11	1 16	27 24	4 0	19 54	20 5	16 18		n.a.
F 27	13 9	14 32	5 11	9 25	3 21	21 20	1 2	15 3	1 22	3 1	1 44	8 17	2 49	17 48	0 44	18 10	1 16	27 24	4 1	19 54	20 5	16 21		n.a.
S 28	12s49	18s52	5s13	9s49	3n13	21s 6	1s 3	15n14	1n22	3n 4	1n44	8n18	2n50	17s47	0s44	18s 9	1s16	27s24	4s 1	19s55	20s 6	16s23		n.a.

Julian Day Number = 1197320.5, Delta T = 09h26m05s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'28, Lahiri = -23°45'27 Julian Calendar 1 Feb. 1435 BCE == Greg. Calendar 19 Jan. 1435 BCE

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

MARCH 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 42 55	27♒44'40	18♏29	25°R57	3♒14	7♉ 7	26°R16	15°R42	13♒30	13♒58	19♐ 2	2°R38	1♒47	29♎54	n.a.	S 1
M 2	9 46 52	28°43'19	0♐27	25♒11	4°27	7°41	26♍10	15♍37	13°33	14° 1	19° 3	2°D38	1°44	0♏ 1	n.a.	M 2
T 3	9 50 48	29°41'57	12°34	24°26	5°40	8°14	26° 4	15°33	13°36	14° 3	19° 4	2♒38	1°41	0° 7	n.a.	T 3
W 4	9 54 45	0♓40'33	24°55	23°42	6°53	8°47	25°57	15°29	13°40	14° 5	19° 5	2°40	1°38	0°14	n.a.	W 4
T 5	9 58 41	1°39'07	7♊34	23° 1	8° 7	9°21	25°51	15°25	13°43	14° 7	19° 6	2°41	1°35	0°21	n.a.	T 5
F 6	10 2 38	2°37'39	20°35	22°23	9°20	9°54	25°45	15°20	13°46	14° 9	19° 6	2°43	1°32	0°27	n.a.	F 6
S 7	10 6 35	3°36'10	4♒ 0	21°49	10°33	10°28	25°38	15°16	13°50	14°12	19° 7	2°R43	1°28	0°34	n.a.	S 7
S 8	10 10 31	4°34'38	17°49	21°19	11°46	11° 2	25°32	15°12	13°53	14°14	19° 8	2°42	1°25	0°41	n.a.	S 8
M 9	10 14 28	5°33'05	2♓ 1	20°54	13° 0	11°35	25°25	15° 7	13°56	14°16	19° 9	2°40	1°22	0°48	n.a.	M 9
T 10	10 18 24	6°31'29	16°31	20°33	14°13	12° 9	25°18	15° 3	13°59	14°18	19° 9	2°36	1°19	0°54	n.a.	T 10
W11	10 22 21	7°29'51	1♈13	20°17	15°26	12°43	25°11	14°59	14° 3	14°20	19°10	2°31	1°16	1° 1	n.a.	W11
T 12	10 26 17	8°28'12	16° 0	20° 7	16°39	13°17	25° 4	14°54	14° 6	14°22	19°11	2°26	1°13	1° 8	n.a.	T 12
F 13	10 30 14	9°26'30	0♉43	20° 1	17°53	13°51	24°57	14°50	14° 9	14°24	19°11	2°21	1° 9	1°15	n.a.	F 13
S 14	10 34 10	10°24'46	15°17	20°D 0	19° 6	14°25	24°50	14°45	14°12	14°26	19°12	2°17	1° 6	1°21	n.a.	S 14
S 15	10 38 7	11°22'59	29°36	20° 5	20°19	14°59	24°43	14°41	14°15	14°29	19°12	2°15	1° 3	1°28	n.a.	S 15
M16	10 42 3	12°21'11	13♊38	20°14	21°32	15°33	24°36	14°36	14°18	14°31	19°13	2°D14	1° 0	1°35	n.a.	M16
T 17	10 46 0	13°19'21	27°23	20°28	22°46	16° 8	24°28	14°32	14°21	14°33	19°13	2°15	0°57	1°41	n.a.	T 17
W18	10 49 57	14°17'28	10♋50	20°47	23°59	16°42	24°21	14°27	14°24	14°35	19°14	2°16	0°53	1°48	n.a.	W18
T 19	10 53 53	15°15'33	24° 1	21°10	25°12	17°16	24°13	14°23	14°28	14°37	19°14	2°18	0°50	1°55	n.a.	T 19
F 20	10 57 50	16°13'36	6♌59	21°38	26°25	17°51	24° 6	14°18	14°31	14°39	19°15	2°R18	0°47	2° 2	n.a.	F 20
S 21	11 1 46	17°11'37	19°44	22° 9	27°38	18°25	23°59	14°14	14°34	14°41	19°15	2°16	0°44	2° 8	n.a.	S 21
S 22	11 5 43	18° 9'36	2♍18	22°45	28°52	18°59	23°51	14° 9	14°37	14°43	19°15	2°13	0°41	2°15	n.a.	S 22
M23	11 9 39	19° 7'33	14°42	23°25	0♓ 5	19°34	23°43	14° 5	14°39	14°45	19°16	2° 7	0°38	2°22	n.a.	M23
T 24	11 13 36	20° 5'28	26°57	24° 8	1°18	20° 9	23°36	14° 1	14°42	14°47	19°16	1°59	0°34	2°28	n.a.	T 24
W25	11 17 32	21° 3'22	9♎ 4	24°55	2°31	20°43	23°28	13°56	14°45	14°49	19°16	1°50	0°31	2°35	n.a.	W25
T 26	11 21 29	22° 1'14	21° 4	25°46	3°45	21°18	23°21	13°52	14°48	14°50	19°16	1°41	0°28	2°42	n.a.	T 26
F 27	11 25 25	22°59'04	2♏59	26°39	4°58	21°52	23°13	13°47	14°51	14°52	19°17	1°32	0°25	2°49	n.a.	F 27
S 28	11 29 22	23°56'53	14°51	27°36	6°11	22°27	23° 5	13°43	14°54	14°54	19°17	1°24	0°22	2°55	n.a.	S 28
S 29	11 33 19	24°54'41	26°44	28°36	7°24	23° 2	22°58	13°38	14°57	14°56	19°17	1°18	0°19	3° 2	n.a.	S 29
M30	11 37 15	25°52'27	8♐40	29°39	8°38	23°37	22°50	13°34	14°59	14°58	19°17	1°14	0°15	3° 9	n.a.	M30
T 31	11 41 12	26♓50'12	20♐45	0♓45	9♓51	24♉12	22♍42	13♍30	15♒ 2	15♒ 0	19♐17	1♒13	0♒12	3♏16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	12s28	22s28	5s 2	10s14	3n 3	20s50	1s 5	15n25	1n22	3n 6	1n44	8n20	2n50	17s46	0s44	18s 9	1s16	27s24	4s 1	19s55	20s 7	16s26			n.a.
M 2	12 8	25 8	4 38	10 41	2 51	20 34	1 7	15 37	1 22	3 9	1 44	8 22	2 50	17 45	0 44	18 8	1 17	27 25	4 1	19 55	20 8	16 28			n.a.
T 3	11 47	26 41	4 1	11 8	2 38	20 18	1 9	15 48	1 22	3 11	1 44	8 24	2 50	17 44	0 44	18 7	1 17	27 25	4 1	19 55	20 8	16 31			n.a.
W 4	11 26	26 58	3 12	11 35	2 25	20 1	1 10	15 59	1 23	3 14	1 45	8 25	2 50	17 43	0 44	18 7	1 17	27 25	4 2	19 55	20 9	16 33			n.a.
T 5	11 5	25 52	2 13	12 2	2 10	19 43	1 12	16 10	1 23	3 16	1 45	8 27	2 50	17 42	0 44	18 6	1 17	27 25	4 2	19 54	20 10	16 36			n.a.
F 6	10 43	23 21	1 6	12 29	1 55	19 25	1 13	16 21	1 23	3 19	1 45	8 29	2 50	17 41	0 44	18 6	1 17	27 26	4 2	19 54	20 10	16 38			n.a.
S 7	10 22	19 29	0n 7	12 55	1 40	19 6	1 15	16 32	1 23	3 22	1 45	8 31	2 50	17 40	0 44	18 5	1 17	27 26	4 2	19 54	20 11	16 40			n.a.
S 8	10 0	14 28	1 22	13 19	1 24	18 47	1 16	16 43	1 23	3 25	1 45	8 33	2 50	17 39	0 44	18 4	1 17	27 26	4 2	19 54	20 12	16 43			n.a.
M 9	9 38	8 34	2 33	13 43	1 8	18 27	1 18	16 54	1 23	3 27	1 45	8 34	2 50	17 38	0 44	18 4	1 17	27 26	4 3	19 55	20 13	16 45			n.a.
T 10	9 16	2 6	3 36	14 4	0 52	18 7	1 19	17 4	1 23	3 30	1 45	8 36	2 51	17 38	0 44	18 3	1 17	27 27	4 3	19 56	20 13	16 48			n.a.
W11	8 54	4n33	4 26	14 24	0 37	17 46	1 20	17 15	1 23	3 33	1 45	8 38	2 51	17 37	0 44	18 3	1 17	27 27	4 3	19 57	20 14	16 50			n.a.
T 12	8 32	10 58	4 58	14 42	0 21	17 25	1 21	17 26	1 23	3 36	1 45	8 40	2 51	17 36	0 44	18 2	1 17	27 27	4 3	19 58	20 15	16 53			n.a.
F 13	8 10	16 45	5 10	14 58	0 6	17 3	1 22	17 36	1 23	3 39	1 45	8 42	2 51	17 35	0 44	18 1	1 17	27 27	4 3	19 59	20 15	16 55			n.a.
S 14	7 48	21 31	5 3	15 13	0s 9	16 41	1 23	17 47	1 24	3 42	1 46	8 43	2 51	17 34	0 44	18 1	1 17	27 28	4 4	20 0	20 16	16 58			n.a.
S 15	7 25	24 55	4 36	15 25	0 23	16 18	1 24	17 57	1 24	3 45	1 46	8 45	2 51	17 33	0 44	18 0	1 17	27 28	4 4	20 1	20 17	17 0			n.a.
M16	7 3	26 42	3 53	15 35	0 37	15 55	1 25	18 7	1 24	3 48	1 46	8 47	2 51	17 32	0 44	18 0	1 17	27 28	4 4	20 1	20 18	17 2			n.a.
T 17	6 40	26 48	2 58	15 42	0 50	15 31	1 26	18 17	1 24	3 51	1 46	8 49	2 51	17 31	0 44	17 59	1 17	27 28	4 4	20 1	20 18	17 5			n.a.
W18	6 17	25 18	1 54	15 48	1 2	15 7	1 27	18 28	1 24	3 54	1 46	8 51	2 51	17 30	0 44	17 58	1 17	27 29	4 4	20 0	20 19	17 7			n.a.
T 19	5 55	22 25	0 45	15 51	1 14	14 43	1 27	18 38	1 24	3 57	1 46	8 52	2 51	17 29	0 44	17 58	1 17	27 29	4 4	20 0	20 20	17 10			n.a.
F 20	5 32	18 27	0s25	15 53	1 25	14 18	1 28	18 48	1 24	4 0	1 46	8 54	2 51	17 28	0 44	17 57	1 17	27 29	4 5	20 0	20 20	17 12			n.a.
S 21	5 9	13 42	1 33	15 52	1 35	13 53	1 28	18 57	1 24	4 3	1 46	8 56	2 51	17 28	0 44	17 57	1 17	27 29	4 5	20 0	20 21	17 14			n.a.
S 22	4 46	8 26	2 35	15 49	1 45	13 28	1 29	19 7	1 24	4 6	1 46	8 58	2 51	17 27	0 44	17 56	1 17	27 30	4 5	20 1	20 22	17 17			n.a.
M23	4 23	2 56	3 28	15 44	1 54	13 2	1 29	19 17	1 24	4 9	1 46	8 59	2 51	17 26	0 44	17 56	1 17	27 30	4 5	20 2	20 22	17 19			n.a.
T 24	4 0	2s36	4 11	15 37	2 2	12 35	1 29	19 27	1 24	4 12	1 46	9 1	2 51	17 25	0 44	17 55	1 17	27 30	4 5	20 4	20 23	17 21			n.a.
W25	3 36	7 58	4 42	15 28	2 10	12 9	1 30	19 36	1 24	4 15	1 46	9 3	2 51	17 24	0 44	17 54	1 17	27 30	4 6	20 6	20 24	17 24			n.a.
T 26	3 13	12 59	5 1	15 17	2 16	11 42	1 30	19 45	1 24	4 18	1 46	9 5	2 51	17 23	0 44	17 54	1 17	27 30	4 6	20 8	20 25	17 26			n.a.
F 27	2 50	17 30	5 6	15 4	2 22	11 15	1 30	19 55	1 24	4 21	1 46	9 6	2 51	17 22	0 44	17 53	1 17	27 31	4 6	20 10	20 25	17 29			n.a.
S 28	2 27	21 18	4 58	14 50	2 28	10 48	1 30	20 4	1 24	4 24	1 46	9 8	2 51	17 22	0 44	17 53	1 17	27 31	4 6	20 12	20 26	17 31			n.a.
S 29	2 3	24 15	4 37	14 33	2 33	10 20	1 30	20 13	1 24	4 27	1 46	9 10	2 51	17 21	0 44	17 52	1 17	27 31	4 6	20 13	20 27	17 33			n.a.
M30	1 40	26 9	4 4	14 14	2 37	9 52	1 30	20 22	1 24	4 30	1 46	9 11	2 51	17 20	0 44	17 52	1 17	27 31	4 7	20 14	20 27	17 36			n.a.
T 31	1s17	26s51	3s19	13s53	2s40	9s24	1s30	20n31	1n24	4n33	1n45	9n13	2n51	17s19	0s45	17s51	1s17	27s31	4s 7	20s15	20s28	17s38			n.a.

Julian Day Number = 1197348.5, Delta T = 09h26m03s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'24, Lahiri = -23°45'24 Julian Calendar 1 March 1435 BCE == Greg. Calendar 16 Feb. 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

APRIL 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 45 8	27♓47'56	3♉ 3	1♓53	11♓ 4	24♉47	22°R35	13°R26	15♒ 5	15♒ 1	19♐17	1°D13	0♒ 9	3♏22	n.a.	W 1
T 2	11 49 5	28°45'38	15°39	3° 5	12°18	25°22	22♍27	13♍21	15° 8	15° 3	19°17	1♒13	0° 6	3°29	n.a.	T 2
F 3	11 53 1	29°43'19	28°38	4°18	13°31	25°57	22°20	13°17	15°10	15° 5	19°R17	1°R14	0° 3	3°36	n.a.	F 3
S 4	11 56 58	0♈40'59	12♒ 3	5°35	14°44	26°32	22°12	13°13	15°13	15° 7	19°17	1°14	29♉59	3°42	n.a.	S 4
S 5	12 0 54	1°38'38	25°56	6°53	15°57	27° 7	22° 5	13° 9	15°16	15° 8	19°17	1°11	29°56	3°49	n.a.	S 5
M 6	12 4 51	2°36'15	10♓16	8°15	17°11	27°42	21°57	13° 5	15°18	15°10	19°17	1° 6	29°53	3°56	n.a.	M 6
T 7	12 8 48	3°33'51	25° 1	9°38	18°24	28°17	21°50	13° 1	15°21	15°12	19°17	0°59	29°50	4° 3	n.a.	T 7
W 8	12 12 44	4°31'25	10♈ 2	11° 4	19°37	28°52	21°42	12°57	15°23	15°13	19°17	0°51	29°47	4° 9	n.a.	W 8
T 9	12 16 41	5°28'59	25°11	12°33	20°51	29°27	21°35	12°53	15°26	15°15	19°17	0°41	29°44	4°16	n.a.	T 9
F 10	12 20 37	6°26'30	10♉17	14° 3	22° 4	0♊ 3	21°28	12°49	15°28	15°17	19°17	0°32	29°40	4°23	n.a.	F 10
S 11	12 24 34	7°24'01	25°10	15°36	23°17	0°38	21°21	12°45	15°30	15°18	19°16	0°25	29°37	4°30	n.a.	S 11
S 12	12 28 30	8°21'30	9♊44	17°11	24°31	1°14	21°14	12°41	15°33	15°20	19°16	0°20	29°34	4°36	n.a.	S 12
M13	12 32 27	9°18'57	23°54	18°49	25°44	1°49	21° 7	12°37	15°35	15°21	19°16	0°17	29°31	4°43	n.a.	M13
T 14	12 36 23	10°16'23	7♋39	20°29	26°57	2°24	21° 0	12°33	15°37	15°23	19°16	0°D16	29°28	4°50	n.a.	T 14
W15	12 40 20	11°13'48	21° 1	22°11	28°11	3° 0	20°53	12°30	15°40	15°24	19°15	0°16	29°24	4°56	n.a.	W15
T 16	12 44 17	12°11'11	4♌ 3	23°55	29°24	3°35	20°46	12°26	15°42	15°26	19°15	0°R16	29°21	5° 3	n.a.	T 16
F 17	12 48 13	13° 8'32	16°47	25°41	0♈37	4°11	20°40	12°23	15°44	15°27	19°15	0°15	29°18	5°10	n.a.	F 17
S 18	12 52 10	14° 5'53	29°18	27°30	1°51	4°47	20°33	12°19	15°46	15°28	19°14	0°12	29°15	5°17	n.a.	S 18
S 19	12 56 6	15° 3'12	11♍37	29°21	3° 4	5°22	20°27	12°16	15°48	15°30	19°14	0° 6	29°12	5°23	n.a.	S 19
M20	13 0 3	16° 0'29	23°48	1♈14	4°17	5°58	20°21	12°12	15°50	15°31	19°13	29♉57	29° 9	5°30	n.a.	M20
T 21	13 3 59	16°57'46	5♎52	3° 9	5°31	6°34	20°14	12° 9	15°53	15°32	19°13	29°46	29° 5	5°37	n.a.	T 21
W22	13 7 56	17°55'01	17°51	5° 7	6°44	7° 9	20° 8	12° 6	15°55	15°34	19°12	29°34	29° 2	5°43	n.a.	W22
T 23	13 11 52	18°52'16	29°47	7° 6	7°58	7°45	20° 2	12° 3	15°56	15°35	19°12	29°20	28°59	5°50	n.a.	T 23
F 24	13 15 49	19°49'30	11♏40	9° 7	9°11	8°21	19°56	12° 0	15°58	15°36	19°11	29° 7	28°56	5°57	n.a.	F 24
S 25	13 19 46	20°46'43	23°32	11°11	10°24	8°57	19°51	11°57	16° 0	15°37	19°11	28°55	28°53	6° 4	n.a.	S 25
S 26	13 23 42	21°43'56	5♐25	13°15	11°38	9°33	19°45	11°54	16° 2	15°39	19°10	28°46	28°50	6°10	n.a.	S 26
M27	13 27 39	22°41'07	17°22	15°22	12°51	10° 9	19°40	11°51	16° 4	15°40	19°10	28°39	28°46	6°17	n.a.	M27
T 28	13 31 35	23°38'19	29°27	17°30	14° 5	10°45	19°35	11°48	16° 6	15°41	19° 9	28°35	28°43	6°24	n.a.	T 28
W29	13 35 32	24°35'29	11♑44	19°39	15°18	11°21	19°29	11°45	16° 7	15°42	19° 8	28°34	28°40	6°31	n.a.	W29
T 30	13 39 28	25♈32'40	24♑18	21♈49	16♈31	11♊57	19♍24	11♍43	16♒ 9	15♒43	19♐ 8	28♑33	28♑37	6♏37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s53	26s15	2s25	13s31	2s43	8s55	1s30	20n40	1n24	4n36	1n45	9n15	2n51	17s18	0s45	17s51	1s17	27s32	4s 7	20s15	20s29	17s40		n.a.
T 2	0 30	24 18	1 22	13 7	2 45	8 26	1 29	20 48	1 24	4 39	1 45	9 16	2 51	17 18	0 45	17 50	1 17	27 32	4 7	20 14	20 29	17 43		n.a.
F 3	0 7	21 2	0 14	12 41	2 46	7 57	1 29	20 57	1 24	4 42	1 45	9 18	2 50	17 17	0 45	17 50	1 17	27 32	4 7	20 14	20 30	17 45		n.a.
S 4	0n17	16 34	0n57	12 13	2 47	7 28	1 29	21 5	1 24	4 45	1 45	9 19	2 50	17 16	0 45	17 49	1 18	27 32	4 8	20 14	20 31	17 47		n.a.
S 5	0 40	11 6	2 8	11 43	2 47	6 59	1 28	21 14	1 24	4 48	1 45	9 21	2 50	17 15	0 45	17 49	1 18	27 32	4 8	20 15	20 31	17 49		n.a.
M 6	1 3	4 53	3 12	11 11	2 47	6 29	1 28	21 22	1 24	4 51	1 45	9 22	2 50	17 15	0 45	17 48	1 18	27 33	4 8	20 16	20 32	17 52		n.a.
T 7	1 26	1n44	4 6	10 38	2 45	6 0	1 27	21 30	1 24	4 54	1 45	9 24	2 50	17 14	0 45	17 48	1 18	27 33	4 8	20 18	20 33	17 54		n.a.
W 8	1 50	8 22	4 43	10 3	2 44	5 30	1 26	21 38	1 24	4 57	1 45	9 25	2 50	17 13	0 45	17 47	1 18	27 33	4 8	20 20	20 33	17 56		n.a.
T 9	2 13	14 34	5 2	9 27	2 41	5 0	1 26	21 46	1 24	4 59	1 45	9 27	2 50	17 12	0 45	17 47	1 18	27 33	4 9	20 22	20 34	17 59		n.a.
F 10	2 36	19 52	4 59	8 48	2 38	4 30	1 25	21 53	1 24	5 2	1 44	9 28	2 50	17 12	0 45	17 47	1 18	27 33	4 9	20 24	20 35	18 1		n.a.
S 11	2 59	23 50	4 35	8 9	2 35	3 59	1 24	22 1	1 24	5 5	1 44	9 30	2 50	17 11	0 45	17 46	1 18	27 34	4 9	20 25	20 36	18 3		n.a.
S 12	3 22	26 10	3 55	7 27	2 31	3 29	1 23	22 8	1 24	5 8	1 44	9 31	2 50	17 10	0 45	17 46	1 18	27 34	4 9	20 26	20 36	18 6		n.a.
M13	3 45	26 44	3 0	6 44	2 26	2 59	1 22	22 16	1 24	5 10	1 44	9 33	2 50	17 10	0 45	17 45	1 18	27 34	4 9	20 27	20 37	18 8		n.a.
T 14	4 8	25 35	1 57	5 59	2 20	2 28	1 21	22 23	1 24	5 13	1 44	9 34	2 49	17 9	0 45	17 45	1 18	27 34	4 10	20 27	20 38	18 10		n.a.
W15	4 31	23 0	0 49	5 13	2 15	1 57	1 20	22 30	1 24	5 16	1 44	9 35	2 49	17 8	0 45	17 45	1 18	27 34	4 10	20 27	20 38	18 12		n.a.
T 16	4 54	19 16	0s20	4 25	2 8	1 27	1 19	22 37	1 24	5 18	1 44	9 37	2 49	17 8	0 45	17 44	1 18	27 34	4 10	20 27	20 39	18 15		n.a.
F 17	5 17	14 43	1 26	3 36	2 1	0 56	1 18	22 44	1 24	5 21	1 43	9 38	2 49	17 7	0 45	17 44	1 18	27 35	4 10	20 27	20 40	18 17		n.a.
S 18	5 39	9 38	2 27	2 45	1 54	0 25	1 16	22 51	1 24	5 23	1 43	9 39	2 49	17 6	0 45	17 43	1 18	27 35	4 10	20 28	20 40	18 19		n.a.
S 19	6 2	4 15	3 20	1 53	1 46	0n 6	1 15	22 57	1 24	5 25	1 43	9 40	2 49	17 6	0 45	17 43	1 18	27 35	4 11	20 29	20 41	18 21		n.a.
M20	6 24	1s12	4 3	0 59	1 38	0 37	1 14	23 3	1 24	5 28	1 43	9 41	2 49	17 5	0 45	17 43	1 18	27 35	4 11	20 31	20 42	18 24		n.a.
T 21	6 47	6 34	4 35	0 5	1 29	1 7	1 12	23 10	1 24	5 30	1 43	9 43	2 48	17 5	0 45	17 42	1 18	27 35	4 11	20 34	20 42	18 26		n.a.
W22	7 9	11 38	4 54	0n51	1 20	1 38	1 11	23 16	1 24	5 32	1 42	9 44	2 48	17 4	0 45	17 42	1 18	27 35	4 11	20 36	20 43	18 28		n.a.
T 23	7 31	16 15	5 0	1 48	1 10	2 9	1 9	23 22	1 24	5 34	1 42	9 45	2 48	17 4	0 45	17 42	1 18	27 35	4 11	20 39	20 44	18 30		n.a.
F 24	7 53	20 14	4 53	2 46	1 0	2 40	1 8	23 28	1 23	5 37	1 42	9 46	2 48	17 3	0 45	17 41	1 18	27 36	4 12	20 42	20 44	18 32		n.a.
S 25	8 15	23 23	4 33	3 44	0 50	3 11	1 6	23 33	1 23	5 39	1 42	9 47	2 48	17 2	0 45	17 41	1 18	27 36	4 12	20 44	20 45	18 35		n.a.
S 26	8 37	25 33	4 2	4 43	0 40	3 41	1 5	23 39	1 23	5 41	1 41	9 48	2 48	17 2	0 45	17 41	1 19	27 36	4 12	20 46	20 46	18 37		n.a.
M27	8 59	26 33	3 19	5 43	0 29	4 12	1 3	23 44	1 23	5 43	1 41	9 49	2 47	17 1	0 45	17 40	1 19	27 36	4 12	20 48	20 46	18 39		n.a.
T 28	9 20	26 19	2 27	6 42	0 18	4 43	1 1	23 49	1 23	5 44	1 41	9 50	2 47	17 1	0 45	17 40	1 19	27 36	4 12	20 49	20 47	18 41		n.a.
W29	9 42	24 47	1 28	7 42	0 8	5 13	0 59	23 55	1 23	5 46	1 41	9 50	2 47	17 0	0 45	17 40	1 19	27 36	4 12	20 49	20 48	18 43		n.a.
T 30	10n 3	22s 0	0s23	8n42	0n 3	5n43	0s58	24n 0	1n23	5n48	1n41	9n51	2n47	17s 0	0s45	17s40	1s19	27s36	4s13	20s49	20s48	18s46		n.a.

Julian Day Number = 1197379.5, Delta T = 09h26m02s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'20, Lahiri = -23°45'19 Julian Calendar 1 Apr. 1435 BCE == Greg. Calendar 19 March 1435 BCE

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

MAY 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 43 25	26♈29'50	7♒12	24♈ 0	17♈45	12♊33	19°R19	11°R40	16♒11	15♒44	19°R 7	28°R33	28♉34	6♏44	n.a.	F 1
S 2	13 47 22	27°26'59	20°32	26°12	18°58	13° 9	19♍15	11♍38	16°12	15°45	19♐ 6	28♉32	28°30	6°51	n.a.	S 2
S 3	13 51 18	28°24'08	4♓21	28°23	20°12	13°45	19°10	11°35	16°14	15°46	19° 5	28°29	28°27	6°57	n.a.	S 3
M 4	13 55 15	29°21'17	18°39	0♉35	21°25	14°21	19° 6	11°33	16°15	15°47	19° 5	28°24	28°24	7° 4	n.a.	M 4
T 5	13 59 11	0♉18'26	3♈24	2°46	22°39	14°57	19° 2	11°31	16°17	15°48	19° 4	28°16	28°21	7°11	n.a.	T 5
W 6	14 3 8	1°15'34	18°29	4°56	23°52	15°33	18°57	11°29	16°18	15°49	19° 3	28° 6	28°18	7°18	n.a.	W 6
T 7	14 7 4	2°12'41	3♉46	7° 6	25° 6	16°10	18°54	11°27	16°20	15°50	19° 2	27°56	28°15	7°24	n.a.	T 7
F 8	14 11 1	3° 9'49	19° 4	9°15	26°19	16°46	18°50	11°25	16°21	15°50	19° 1	27°45	28°11	7°31	n.a.	F 8
S 9	14 14 57	4° 6'56	4♊11	11°22	27°33	17°22	18°46	11°23	16°22	15°51	19° 0	27°36	28° 8	7°38	n.a.	S 9
S 10	14 18 54	5° 4'02	18°58	13°28	28°46	17°59	18°43	11°21	16°23	15°52	19° 0	27°30	28° 5	7°45	n.a.	S 10
M11	14 22 51	6° 1'08	3♋19	15°33	29°59	18°35	18°39	11°19	16°25	15°53	18°59	27°26	28° 2	7°51	n.a.	M11
T 12	14 26 47	6°58'13	17°12	17°35	1♉13	19°12	18°36	11°18	16°26	15°53	18°58	27°25	27°59	7°58	n.a.	T 12
W13	14 30 44	7°55'18	0♌37	19°36	2°27	19°48	18°33	11°16	16°27	15°54	18°57	27°24	27°56	8° 5	n.a.	W13
T 14	14 34 40	8°52'22	13°38	21°35	3°41	20°25	18°31	11°15	16°28	15°55	18°56	27°24	27°52	8°11	n.a.	T 14
F 15	14 38 37	9°49'26	26°19	23°32	4°54	21° 1	18°28	11°13	16°29	15°55	18°55	27°23	27°49	8°18	n.a.	F 15
S 16	14 42 33	10°46'29	8♍43	25°27	6° 8	21°38	18°26	11°12	16°30	15°56	18°54	27°21	27°46	8°25	n.a.	S 16
S 17	14 46 30	11°43'31	20°55	27°19	7°21	22°14	18°24	11°11	16°31	15°56	18°53	27°15	27°43	8°32	n.a.	S 17
M18	14 50 26	12°40'34	2♎58	29°10	8°35	22°51	18°22	11°10	16°32	15°57	18°52	27° 7	27°40	8°38	n.a.	M18
T 19	14 54 23	13°37'36	14°55	0♊59	9°48	23°28	18°20	11° 9	16°32	15°57	18°50	26°57	27°36	8°45	n.a.	T 19
W20	14 58 20	14°34'38	26°49	2°45	11° 2	24° 4	18°18	11° 8	16°33	15°58	18°49	26°45	27°33	8°52	n.a.	W20
T 21	15 2 16	15°31'40	8♏42	4°29	12°16	24°41	18°16	11° 7	16°34	15°58	18°48	26°32	27°30	8°58	n.a.	T 21
F 22	15 6 13	16°28'42	20°34	6°12	13°29	25°18	18°15	11° 7	16°35	15°58	18°47	26°20	27°27	9° 5	n.a.	F 22
S 23	15 10 9	17°25'44	2♐29	7°52	14°43	25°55	18°14	11° 6	16°35	15°59	18°46	26° 9	27°24	9°12	n.a.	S 23
S 24	15 14 6	18°22'46	14°26	9°29	15°57	26°32	18°13	11° 6	16°36	15°59	18°45	26° 0	27°21	9°19	n.a.	S 24
M25	15 18 2	19°19'49	26°29	11° 5	17°10	27° 8	18°12	11° 5	16°36	15°59	18°44	25°53	27°17	9°25	n.a.	M25
T 26	15 21 59	20°16'52	8♑40	12°38	18°24	27°45	18°12	11° 5	16°37	16° 0	18°43	25°50	27°14	9°32	n.a.	T 26
W27	15 25 56	21°13'55	21° 1	14°10	19°38	28°22	18°11	11° 5	16°37	16° 0	18°41	25°D48	27°11	9°39	n.a.	W27
T 28	15 29 52	22°10'59	3♒37	15°39	20°52	28°59	18°11	11° 5	16°38	16° 0	18°40	25°49	27° 8	9°46	n.a.	T 28
F 29	15 33 49	23° 8'03	16°31	17° 6	22° 5	29°36	18°D11	11°D 5	16°38	16° 0	18°39	25°49	27° 5	9°52	n.a.	F 29
S 30	15 37 45	24° 5'08	29°48	18°30	23°19	0♋13	18°11	11° 5	16°38	16° 0	18°38	25°R49	27° 1	9°59	n.a.	S 30
S 31	15 41 42	25♉ 2'14	13♓29	19♊53	24♉33	0♋50	18♍11	11♍ 5	16♒38	16♒ 0	18♐36	25♉48	26♉58	10♏ 6	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n24	18s 4	0n46	9n41	0n13	6n14	0s56	24n 4	1n23	5n50	1n40	9n52	2n47	16s59	0s46	17s39	1s19	27s37	4s13	20s49	20s49	18s48		n.a.
S 2	10 45	13 7	1 53	10 39	0 24	6 44	0 54	24 9	1 23	5 51	1 40	9 53	2 46	16 59	0 46	17 39	1 19	27 37	4 13	20 49	20 50	18 50		n.a.
S 3	11 6	7 21	2 57	11 37	0 34	7 14	0 52	24 13	1 23	5 53	1 40	9 54	2 46	16 59	0 46	17 39	1 19	27 37	4 13	20 50	20 50	18 52		n.a.
M 4	11 26	1 1	3 52	12 34	0 44	7 44	0 50	24 18	1 23	5 55	1 39	9 54	2 46	16 58	0 46	17 39	1 19	27 37	4 13	20 51	20 51	18 54		n.a.
T 5	11 47	5n32	4 33	13 29	0 53	8 13	0 48	24 22	1 22	5 56	1 39	9 55	2 46	16 58	0 46	17 38	1 19	27 37	4 14	20 52	20 52	18 56		n.a.
W 6	12 7	11 55	4 56	14 22	1 2	8 43	0 46	24 26	1 22	5 57	1 39	9 56	2 46	16 57	0 46	17 38	1 19	27 37	4 14	20 55	20 52	18 59		n.a.
T 7	12 27	17 40	4 59	15 14	1 11	9 12	0 44	24 30	1 22	5 59	1 39	9 56	2 45	16 57	0 46	17 38	1 19	27 37	4 14	20 57	20 53	19 1		n.a.
F 8	12 47	22 16	4 40	16 4	1 19	9 41	0 42	24 33	1 22	6 0	1 38	9 57	2 45	16 57	0 46	17 38	1 19	27 37	4 14	20 59	20 53	19 3		n.a.
S 9	13 7	25 19	4 2	16 52	1 26	10 10	0 40	24 37	1 22	6 1	1 38	9 57	2 45	16 56	0 46	17 37	1 19	27 37	4 14	21 1	20 54	19 5		n.a.
S 10	13 26	26 31	3 8	17 38	1 33	10 39	0 37	24 40	1 22	6 2	1 38	9 58	2 45	16 56	0 46	17 37	1 19	27 37	4 14	21 2	20 55	19 7		n.a.
M11	13 46	25 53	2 4	18 22	1 39	11 7	0 35	24 43	1 22	6 3	1 38	9 58	2 45	16 56	0 46	17 37	1 19	27 38	4 15	21 3	20 55	19 9		n.a.
T 12	14 5	23 38	0 54	19 3	1 45	11 35	0 33	24 46	1 22	6 4	1 37	9 59	2 44	16 55	0 46	17 37	1 19	27 38	4 15	21 3	20 56	19 11		n.a.
W13	14 24	20 6	0s17	19 42	1 49	12 3	0 31	24 49	1 22	6 5	1 37	9 59	2 44	16 55	0 46	17 37	1 19	27 38	4 15	21 3	20 57	19 14		n.a.
T 14	14 43	15 40	1 25	20 18	1 53	12 31	0 29	24 52	1 21	6 6	1 37	9 59	2 44	16 55	0 46	17 37	1 19	27 38	4 15	21 3	20 57	19 16		n.a.
F 15	15 1	10 40	2 27	20 52	1 57	12 58	0 26	24 54	1 21	6 7	1 36	10 0	2 44	16 54	0 46	17 37	1 19	27 38	4 15	21 3	20 58	19 18		n.a.
S 16	15 19	5 22	3 20	21 24	2 0	13 25	0 24	24 57	1 21	6 7	1 36	10 0	2 43	16 54	0 46	17 36	1 20	27 38	4 15	21 4	20 59	19 20		n.a.
S 17	15 37	0s 3	4 3	21 53	2 2	13 52	0 22	24 59	1 21	6 8	1 36	10 0	2 43	16 54	0 46	17 36	1 20	27 38	4 16	21 5	20 59	19 22		n.a.
M18	15 55	5 23	4 35	22 20	2 3	14 18	0 19	25 1	1 21	6 9	1 35	10 0	2 43	16 54	0 46	17 36	1 20	27 38	4 16	21 6	21 0	19 24		n.a.
T 19	16 13	10 29	4 54	22 44	2 4	14 44	0 17	25 3	1 21	6 9	1 35	10 1	2 43	16 53	0 46	17 36	1 20	27 38	4 16	21 8	21 1	19 26		n.a.
W20	16 30	15 11	5 1	23 6	2 4	15 10	0 15	25 4	1 21	6 9	1 35	10 1	2 42	16 53	0 46	17 36	1 20	27 38	4 16	21 11	21 1	19 28		n.a.
T 21	16 47	19 17	4 54	23 26	2 3	15 35	0 13	25 6	1 21	6 10	1 35	10 1	2 42	16 53	0 46	17 36	1 20	27 38	4 16	21 13	21 2	19 30		n.a.
F 22	17 4	22 37	4 35	23 44	2 2	16 0	0 10	25 7	1 20	6 10	1 34	10 1	2 42	16 53	0 46	17 36	1 20	27 38	4 16	21 16	21 2	19 32		n.a.
S 23	17 20	25 0	4 3	23 59	2 0	16 25	0 8	25 8	1 20	6 10	1 34	10 1	2 42	16 53	0 46	17 36	1 20	27 38	4 16	21 18	21 3	19 34		n.a.
S 24	17 36	26 16	3 21	24 12	1 58	16 49	0 5	25 9	1 20	6 10	1 34	10 1	2 41	16 53	0 46	17 36	1 20	27 38	4 17	21 19	21 4	19 36		n.a.
M25	17 52	26 18	2 29	24 24	1 55	17 13	0 3	25 10	1 20	6 10	1 33	10 1	2 41	16 52	0 46	17 36	1 20	27 38	4 17	21 21	21 4	19 38		n.a.
T 26	18 8	25 4	1 30	24 33	1 51	17 36	0 1	25 10	1 20	6 10	1 33	10 1	2 41	16 52	0 46	17 36	1 20	27 38	4 17	21 21	21 5	19 41		n.a.
W27	18 23	22 37	0 26	24 40	1 47	17 59	0n 2	25 11	1 20	6 10	1 33	10 1	2 41	16 52	0 47	17 36	1 20	27 38	4 17	21 22	21 6	19 43		n.a.
T 28	18 38	19 1	0n42	24 46	1 42	18 21	0 4	25 11	1 19	6 10	1 32	10 0	2 41	16 52	0 47	17 36	1 20	27 38	4 17	21 22	21 6	19 45		n.a.
F 29	18 53	14 27	1 48	24 50	1 37	18 43	0 6	25 11	1 19	6 10	1 32	10 0	2 40	16 52	0 47	17 36	1 20	27 39	4 17	21 21	21 7	19 47		n.a.
S 30	19 8	9 5	2 51	24 52	1 31	19 4	0 9	25 11	1 19	6 9	1 32	10 0	2 40	16 52	0 47	17 36	1 20	27 39	4 17	21 21	21 7	19 49		n.a.
S 31	19n22	3s 8	3n46	24n52	1n24	19n25	0n11	25n11	1n19	6n 9	1n31	10n 0	2n40	16s52	0s47	17s36	1s20	27s39	4s18	21s22	21s 8	19s51		n.a.

Julian Day Number = 1197409.5, Delta T = 09h26m00s
Ecliptic obliquity = 23°51'54, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'16, Lahiri = -23°45'15 Julian Calendar 1 May 1435 BCE == Greg. Calendar 18 Apr. 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

JUNE 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 45 38	25♉59'20	27♓38	21♊13	25♉47	1♋28	18♍12	11♍ 5	16♒39	16♒ 0	18°R35	25°R44	26♑55	10♏12	n.a.	M 1
T 2	15 49 35	26°56'27	12♈12	22°30	27° 0	2° 5	18°12	11° 6	16°39	16°R 0	18♐34	25♑39	26°52	10°19	n.a.	T 2
W 3	15 53 31	27°53'34	27° 8	23°46	28°14	2°42	18°13	11° 6	16°39	16° 0	18°33	25°31	26°49	10°26	n.a.	W 3
T 4	15 57 28	28°50'43	12♉17	24°58	29°28	3°19	18°14	11° 7	16°39	16° 0	18°31	25°23	26°46	10°33	n.a.	T 4
F 5	16 1 25	29°47'52	27°31	26° 9	0♊42	3°56	18°16	11° 7	16°R39	16° 0	18°30	25°15	26°42	10°39	n.a.	F 5
S 6	16 5 21	0♊45'01	12♊38	27°16	1°56	4°34	18°17	11° 8	16°39	16° 0	18°29	25° 8	26°39	10°46	n.a.	S 6
S 7	16 9 18	1°42'11	27°29	28°21	3°10	5°11	18°19	11° 9	16°39	16° 0	18°27	25° 3	26°36	10°53	n.a.	S 7
M 8	16 13 14	2°39'22	11♋56	29°23	4°23	5°48	18°20	11°10	16°39	16° 0	18°26	25° 0	26°33	10°59	n.a.	M 8
T 9	16 17 11	3°36'33	25°56	0♌23	5°37	6°26	18°22	11°11	16°38	15°59	18°25	25°D 0	26°30	11° 6	n.a.	T 9
W10	16 21 7	4°33'44	9♌28	1°19	6°51	7° 3	18°24	11°12	16°38	15°59	18°23	25° 0	26°27	11°13	n.a.	W10
T 11	16 25 4	5°30'56	22°34	2°12	8° 5	7°41	18°27	11°13	16°38	15°59	18°22	25° 1	26°23	11°20	n.a.	T 11
F 12	16 29 1	6°28'08	5♍16	3° 2	9°19	8°18	18°29	11°15	16°38	15°59	18°21	25°R 2	26°20	11°26	n.a.	F 12
S 13	16 32 57	7°25'21	17°41	3°48	10°33	8°56	18°32	11°16	16°37	15°58	18°19	25° 1	26°17	11°33	n.a.	S 13
S 14	16 36 54	8°22'34	29°51	4°31	11°47	9°33	18°34	11°18	16°37	15°58	18°18	24°59	26°14	11°40	n.a.	S 14
M15	16 40 50	9°19'48	11♎51	5°10	13° 1	10°11	18°37	11°19	16°36	15°58	18°16	24°55	26°11	11°46	n.a.	M15
T 16	16 44 47	10°17'03	23°46	5°46	14°15	10°49	18°41	11°21	16°36	15°57	18°15	24°49	26° 7	11°53	n.a.	T 16
W17	16 48 43	11°14'18	5♏38	6°17	15°29	11°26	18°44	11°23	16°35	15°57	18°14	24°41	26° 4	12° 0	n.a.	W17
T 18	16 52 40	12°11'34	17°31	6°44	16°43	12° 4	18°47	11°25	16°35	15°56	18°12	24°34	26° 1	12° 7	n.a.	T 18
F 19	16 56 36	13° 8'51	29°26	7° 7	17°57	12°42	18°51	11°27	16°34	15°56	18°11	24°26	25°58	12°13	n.a.	F 19
S 20	17 0 33	14° 6'09	11♐26	7°25	19°11	13°19	18°55	11°29	16°33	15°55	18°10	24°19	25°55	12°20	n.a.	S 20
S 21	17 4 30	15° 3'28	23°32	7°38	20°25	13°57	18°59	11°31	16°32	15°54	18° 8	24°14	25°52	12°27	n.a.	S 21
M22	17 8 26	16° 0'49	5♑45	7°46	21°39	14°35	19° 3	11°33	16°32	15°54	18° 7	24°11	25°48	12°34	n.a.	M22
T 23	17 12 23	16°58'10	18° 7	7°R50	22°53	15°13	19° 7	11°36	16°31	15°53	18° 5	24°D 9	25°45	12°40	n.a.	T 23
W24	17 16 19	17°55'33	0♒41	7°48	24° 7	15°51	19°12	11°38	16°30	15°52	18° 4	24° 9	25°42	12°47	n.a.	W24
T 25	17 20 16	18°52'56	13°27	7°41	25°21	16°29	19°16	11°41	16°29	15°52	18° 3	24°10	25°39	12°54	n.a.	T 25
F 26	17 24 12	19°50'22	26°29	7°29	26°35	17° 7	19°21	11°43	16°28	15°51	18° 1	24°12	25°36	13° 0	n.a.	F 26
S 27	17 28 9	20°47'49	9♓49	7°11	27°49	17°45	19°26	11°46	16°27	15°50	18° 0	24°13	25°33	13° 7	n.a.	S 27
S 28	17 32 6	21°45'17	23°28	6°49	29° 3	18°23	19°31	11°49	16°26	15°49	17°58	24°R13	25°29	13°14	n.a.	S 28
M29	17 36 2	22°42'47	7♈28	6°21	0♋18	19° 1	19°36	11°52	16°25	15°49	17°57	24°12	25°26	13°21	n.a.	M29
T 30	17 39 59	23♊40'18	21♈49	5♋48	1♋32	19♋39	19♍42	11♍55	16♒24	15♒48	17♐56	24♑10	25♑23	13♏27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n36	3n 9	4n29	24n51	1n17	19n46	0n13	25n10	1n19	6n 8	1n31	9n59	2n40	16s52	0s47	17s36	1s20	27s39	4s18	21s22	21s 9	19s53		n.a.
T 2	19 49	9 26	4 57	24 49	1 10	20 5	0 16	25 9	1 19	6 8	1 31	9 59	2 39	16 52	0 47	17 36	1 20	27 39	4 18	21 23	21 9	19 55		n.a.
W 3	20 2	15 21	5 5	24 45	1 2	20 25	0 18	25 9	1 18	6 7	1 30	9 58	2 39	16 52	0 47	17 36	1 21	27 39	4 18	21 25	21 10	19 57		n.a.
T 4	20 15	20 25	4 52	24 39	0 53	20 44	0 20	25 8	1 18	6 6	1 30	9 58	2 39	16 52	0 47	17 36	1 21	27 39	4 18	21 26	21 11	19 59		n.a.
F 5	20 28	24 8	4 18	24 33	0 44	21 2	0 23	25 6	1 18	6 6	1 30	9 57	2 39	16 52	0 47	17 36	1 21	27 39	4 18	21 28	21 11	20 1		n.a.
S 6	20 40	26 8	3 27	24 25	0 35	21 19	0 25	25 5	1 18	6 5	1 29	9 57	2 38	16 52	0 47	17 36	1 21	27 39	4 18	21 29	21 12	20 3		n.a.
S 7	20 52	26 12	2 22	24 16	0 25	21 36	0 27	25 3	1 18	6 4	1 29	9 56	2 38	16 52	0 47	17 36	1 21	27 39	4 18	21 30	21 12	20 5		n.a.
M 8	21 4	24 28	1 10	24 7	0 15	21 53	0 29	25 1	1 17	6 3	1 29	9 56	2 38	16 52	0 47	17 36	1 21	27 39	4 19	21 31	21 13	20 7		n.a.
T 9	21 15	21 15	0s 5	23 56	0 4	22 9	0 32	25 0	1 17	6 2	1 29	9 55	2 38	16 52	0 47	17 37	1 21	27 39	4 19	21 31	21 14	20 9		n.a.
W10	21 26	16 58	1 17	23 44	0s 7	22 24	0 34	24 57	1 17	6 1	1 28	9 54	2 37	16 53	0 47	17 37	1 21	27 39	4 19	21 31	21 14	20 11		n.a.
T 11	21 36	11 59	2 23	23 32	0 19	22 38	0 36	24 55	1 17	6 0	1 28	9 54	2 37	16 53	0 47	17 37	1 21	27 39	4 19	21 30	21 15	20 12		n.a.
F 12	21 46	6 39	3 20	23 19	0 30	22 52	0 38	24 52	1 17	5 58	1 28	9 53	2 37	16 53	0 47	17 37	1 21	27 39	4 19	21 30	21 16	20 14		n.a.
S 13	21 56	1 12	4 5	23 6	0 43	23 5	0 40	24 50	1 16	5 57	1 27	9 52	2 37	16 53	0 47	17 37	1 21	27 39	4 19	21 30	21 16	20 16		n.a.
S 14	22 6	4s12	4 39	22 52	0 55	23 18	0 42	24 47	1 16	5 56	1 27	9 51	2 36	16 53	0 47	17 37	1 21	27 39	4 19	21 31	21 17	20 18		n.a.
M15	22 15	9 21	5 0	22 38	1 8	23 30	0 44	24 44	1 16	5 54	1 27	9 50	2 36	16 53	0 47	17 37	1 21	27 39	4 19	21 32	21 17	20 20		n.a.
T 16	22 23	14 8	5 8	22 24	1 21	23 41	0 46	24 41	1 16	5 53	1 26	9 50	2 36	16 53	0 47	17 38	1 21	27 38	4 19	21 33	21 18	20 22		n.a.
W17	22 31	18 22	5 3	22 9	1 34	23 52	0 48	24 37	1 16	5 51	1 26	9 49	2 36	16 54	0 47	17 38	1 21	27 38	4 20	21 34	21 19	20 24		n.a.
T 18	22 39	21 53	4 44	21 54	1 47	24 1	0 50	24 33	1 15	5 49	1 26	9 48	2 35	16 54	0 47	17 38	1 21	27 38	4 20	21 35	21 19	20 26		n.a.
F 19	22 47	24 30	4 13	21 40	2 1	24 10	0 52	24 30	1 15	5 48	1 25	9 47	2 35	16 54	0 47	17 38	1 21	27 38	4 20	21 37	21 20	20 28		n.a.
S 20	22 54	26 2	3 31	21 25	2 14	24 19	0 54	24 26	1 15	5 46	1 25	9 46	2 35	16 54	0 47	17 38	1 21	27 38	4 20	21 38	21 20	20 30		n.a.
S 21	23 1	26 21	2 39	21 11	2 28	24 26	0 56	24 21	1 15	5 44	1 25	9 45	2 35	16 55	0 48	17 39	1 22	27 38	4 20	21 39	21 21	20 32		n.a.
M22	23 7	25 23	1 38	20 57	2 41	24 33	0 58	24 17	1 15	5 42	1 24	9 43	2 34	16 55	0 48	17 39	1 22	27 38	4 20	21 40	21 22	20 34		n.a.
T 23	23 13	23 9	0 33	20 44	2 54	24 40	1 0	24 13	1 14	5 40	1 24	9 42	2 34	16 55	0 48	17 39	1 22	27 38	4 20	21 40	21 22	20 35		n.a.
W24	23 18	19 47	0n36	20 31	3 7	24 45	1 1	24 8	1 14	5 38	1 24	9 41	2 34	16 56	0 48	17 39	1 22	27 38	4 20	21 40	21 23	20 37		n.a.
T 25	23 23	15 26	1 43	20 19	3 20	24 50	1 3	24 3	1 14	5 36	1 24	9 40	2 34	16 56	0 48	17 40	1 22	27 38	4 20	21 40	21 23	20 39		n.a.
F 26	23 28	10 18	2 47	20 7	3 32	24 54	1 5	23 58	1 14	5 34	1 23	9 39	2 33	16 56	0 48	17 40	1 22	27 38	4 20	21 39	21 24	20 41		n.a.
S 27	23 32	4 35	3 44	19 57	3 43	24 57	1 6	23 53	1 13	5 31	1 23	9 37	2 33	16 57	0 48	17 40	1 22	27 38	4 20	21 39	21 25	20 43		n.a.
S 28	23 36	1n28	4 29	19 47	3 54	24 59	1 8	23 47	1 13	5 29	1 23	9 36	2 33	16 57	0 48	17 41	1 22	27 38	4 21	21 39	21 25	20 45		n.a.
M29	23 40	9 35	4 59	19 39	4 4	25 1	1 9	23 41	1 13	5 27	1 22	9 35	2 33	16 57	0 48	17 41	1 22	27 38	4 21	21 39	21 26	20 47		n.a.
T 30	23n43	13n27	5n12	19n32	4s13	25n 2	1n11	23n36	1n13	5n24	1n22	9n33	2n32	16s58	0s48	17s41	1s22	27s38	4s21	21s40	21s26	20s49		n.a.

Julian Day Number = 1197440.5, Delta T = 09h25m58s
Ecliptic obliquity = 23°51'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'11, Lahiri = -23°45'11 Julian Calendar 1 June 1435 BCE == Greg. Calendar 19 May 1435 BCE

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

JULY 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 43 55	24♊37'51	6♉27	5°R12	2♋46	20♋17	19♍47	11♍58	16°R22	15°R47	17°R54	24°R 7	25♐20	13♏34	n.a.	W 1
T 2	17 47 52	25°35'26	21°17	4♋31	4° 0	20°56	19°53	12° 1	16♒21	15♒46	17♐53	24♐ 3	25°17	13°41	n.a.	T 2
F 3	17 51 48	26°33'03	6♊12	3°46	5°14	21°34	19°59	12° 4	16°20	15°45	17°51	23°59	25°13	13°47	n.a.	F 3
S 4	17 55 45	27°30'41	21° 4	2°59	6°29	22°12	20° 5	12° 7	16°19	15°44	17°50	23°56	25°10	13°54	n.a.	S 4
S 5	17 59 41	28°28'20	5♋44	2°10	7°43	22°51	20°11	12°11	16°17	15°43	17°49	23°54	25° 7	14° 1	n.a.	S 5
M 6	18 3 38	29°26'01	20° 7	1°20	8°57	23°29	20°17	12°14	16°16	15°42	17°47	23°D53	25° 4	14° 8	n.a.	M 6
T 7	18 7 35	0♌23'43	4♌ 7	0°30	10°11	24° 8	20°24	12°18	16°14	15°41	17°46	23°53	25° 1	14°14	n.a.	T 7
W 8	18 11 31	1°21'27	17°41	29♊40	11°25	24°46	20°30	12°21	16°13	15°40	17°45	23°54	24°58	14°21	n.a.	W 8
T 9	18 15 28	2°19'12	0♍51	28°52	12°40	25°24	20°37	12°25	16°11	15°39	17°43	23°56	24°54	14°28	n.a.	T 9
F 10	18 19 24	3°16'58	13°38	28° 7	13°54	26° 3	20°44	12°29	16°10	15°38	17°42	23°57	24°51	14°34	n.a.	F 10
S 11	18 23 21	4°14'45	26° 5	27°26	15° 8	26°42	20°51	12°33	16° 8	15°37	17°40	23°58	24°48	14°41	n.a.	S 11
S 12	18 27 17	5°12'34	8♎17	26°49	16°22	27°20	20°58	12°37	16° 7	15°36	17°39	23°R58	24°45	14°48	n.a.	S 12
M13	18 31 14	6°10'24	20°18	26°18	17°37	27°59	21° 5	12°41	16° 5	15°34	17°38	23°58	24°42	14°55	n.a.	M13
T 14	18 35 10	7° 8'16	2♏13	25°53	18°51	28°38	21°13	12°45	16° 3	15°33	17°37	23°56	24°39	15° 1	n.a.	T 14
W15	18 39 7	8° 6'09	14° 5	25°34	20° 5	29°16	21°20	12°49	16° 2	15°32	17°35	23°54	24°35	15° 8	n.a.	W15
T 16	18 43 4	9° 4'04	25°59	25°23	21°20	29°55	21°28	12°53	16° 0	15°31	17°34	23°52	24°32	15°15	n.a.	T 16
F 17	18 47 0	10° 2'00	7♐58	25°D20	22°34	0♑34	21°36	12°58	15°58	15°29	17°33	23°50	24°29	15°21	n.a.	F 17
S 18	18 50 57	10°59'58	20° 4	25°24	23°48	1°13	21°44	13° 2	15°56	15°28	17°31	23°48	24°26	15°28	n.a.	S 18
S 19	18 54 53	11°57'58	2♑21	25°37	25° 3	1°52	21°52	13° 6	15°54	15°27	17°30	23°47	24°23	15°35	n.a.	S 19
M20	18 58 50	12°55'59	14°48	25°57	26°17	2°31	22° 0	13°11	15°52	15°25	17°29	23°46	24°19	15°42	n.a.	M20
T 21	19 2 46	13°54'03	27°28	26°26	27°31	3°10	22° 8	13°16	15°51	15°24	17°28	23°D46	24°16	15°48	n.a.	T 21
W22	19 6 43	14°52'08	10♒21	27° 3	28°45	3°49	22°17	13°20	15°49	15°23	17°26	23°46	24°13	15°55	n.a.	W22
T 23	19 10 39	15°50'15	23°27	27°48	29°59	4°28	22°25	13°25	15°47	15°21	17°25	23°47	24°10	16° 2	n.a.	T 23
F 24	19 14 36	16°48'24	6♓46	28°40	1♑14	5° 7	22°34	13°30	15°45	15°20	17°24	23°48	24° 7	16° 8	n.a.	F 24
S 25	19 18 33	17°46'35	20°19	29°40	2°28	5°46	22°43	13°35	15°43	15°19	17°23	23°48	24° 4	16°15	n.a.	S 25
S 26	19 22 29	18°44'48	4♈ 6	0♋47	3°43	6°25	22°52	13°40	15°40	15°17	17°22	23°49	24° 0	16°22	n.a.	S 26
M27	19 26 26	19°43'04	18° 5	2° 0	4°57	7° 4	23° 1	13°45	15°38	15°16	17°21	23°R49	23°57	16°29	n.a.	M27
T 28	19 30 22	20°41'22	2♉16	3°19	6°12	7°44	23°10	13°50	15°36	15°14	17°20	23°49	23°54	16°35	n.a.	T 28
W29	19 34 19	21°39'42	16°37	4°43	7°26	8°23	23°19	13°55	15°34	15°13	17°18	23°49	23°51	16°42	n.a.	W29
T 30	19 38 15	22°38'04	1♊ 4	6°13	8°40	9° 2	23°28	14° 0	15°32	15°11	17°17	23°48	23°48	16°49	n.a.	T 30
F 31	19 42 12	23♋36'29	15♊33	7♋47	9♑55	9♑42	23♍38	14♍ 5	15♒30	15♒10	17♐16	23°D48	23♑45	16♏55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n45	18n42	5n 5	19n26	4s20	25n 2	1n12	23n30	1n12	5n22	1n22	9n32	2n32	16s58	0s48	17s41	1s22	27s38	4s21	21s40	21s27	20s50			n.a.
T 2	23 47	22 52	4 38	19 21	4 26	25 1	1 13	23 23	1 12	5 19	1 22	9 31	2 32	16 59	0 48	17 42	1 22	27 38	4 21	21 41	21 28	20 52			n.a.
F 3	23 49	25 32	3 52	19 18	4 31	25 0	1 15	23 17	1 12	5 17	1 21	9 29	2 32	16 59	0 48	17 42	1 22	27 38	4 21	21 42	21 28	20 54			n.a.
S 4	23 50	26 23	2 50	19 16	4 34	24 58	1 16	23 11	1 12	5 14	1 21	9 28	2 32	16 59	0 48	17 42	1 22	27 38	4 21	21 42	21 29	20 56			n.a.
S 5	23 51	25 22	1 38	19 16	4 35	24 55	1 17	23 4	1 11	5 11	1 21	9 26	2 31	17 0	0 48	17 43	1 22	27 37	4 21	21 43	21 29	20 58			n.a.
M 6	23 52	22 40	0 21	19 17	4 34	24 51	1 18	22 57	1 11	5 8	1 20	9 25	2 31	17 0	0 48	17 43	1 22	27 37	4 21	21 43	21 30	20 59			n.a.
T 7	23 52	18 40	0s56	19 20	4 32	24 47	1 19	22 50	1 11	5 6	1 20	9 23	2 31	17 1	0 48	17 43	1 22	27 37	4 21	21 43	21 30	21 1			n.a.
W 8	23 51	13 47	2 7	19 25	4 27	24 42	1 20	22 43	1 11	5 3	1 20	9 21	2 31	17 1	0 48	17 44	1 22	27 37	4 21	21 42	21 31	21 3			n.a.
T 9	23 51	8 25	3 10	19 31	4 21	24 36	1 21	22 35	1 10	5 0	1 20	9 20	2 30	17 2	0 48	17 44	1 22	27 37	4 21	21 42	21 32	21 5			n.a.
F 10	23 49	2 51	4 1	19 38	4 13	24 29	1 22	22 28	1 10	4 57	1 19	9 18	2 30	17 2	0 48	17 45	1 22	27 37	4 21	21 42	21 32	21 7			n.a.
S 11	23 48	2s40	4 39	19 47	4 3	24 21	1 23	22 20	1 10	4 54	1 19	9 16	2 30	17 3	0 48	17 45	1 22	27 37	4 21	21 42	21 33	21 8			n.a.
S 12	23 46	7 58	5 4	19 58	3 52	24 13	1 23	22 12	1 10	4 51	1 19	9 15	2 30	17 3	0 48	17 45	1 22	27 37	4 21	21 42	21 33	21 10			n.a.
M13	23 43	12 54	5 15	20 9	3 39	24 4	1 24	22 4	1 9	4 47	1 18	9 13	2 30	17 4	0 48	17 46	1 23	27 37	4 21	21 42	21 34	21 12			n.a.
T 14	23 40	17 19	5 12	20 23	3 26	23 55	1 25	21 55	1 9	4 44	1 18	9 11	2 29	17 4	0 48	17 46	1 23	27 37	4 21	21 42	21 35	21 14			n.a.
W15	23 37	21 3	4 56	20 37	3 11	23 44	1 25	21 47	1 9	4 41	1 18	9 9	2 29	17 5	0 48	17 47	1 23	27 37	4 21	21 42	21 35	21 15			n.a.
T 16	23 33	23 55	4 27	20 52	2 55	23 33	1 26	21 38	1 8	4 38	1 18	9 7	2 29	17 5	0 48	17 47	1 23	27 37	4 22	21 43	21 36	21 17			n.a.
F 17	23 29	25 45	3 47	21 8	2 39	23 21	1 26	21 30	1 8	4 34	1 17	9 5	2 29	17 6	0 48	17 47	1 23	27 36	4 22	21 43	21 36	21 19			n.a.
S 18	23 24	26 24	2 56	21 25	2 22	23 9	1 27	21 21	1 8	4 31	1 17	9 4	2 29	17 7	0 48	17 48	1 23	27 36	4 22	21 44	21 37	21 21			n.a.
S 19	23 19	25 46	1 56	21 43	2 5	22 56	1 27	21 12	1 7	4 27	1 17	9 2	2 28	17 7	0 48	17 48	1 23	27 36	4 22	21 44	21 37	21 22			n.a.
M20	23 13	23 51	0 49	22 1	1 48	22 42	1 27	21 2	1 7	4 24	1 17	9 0	2 28	17 8	0 48	17 49	1 23	27 36	4 22	21 44	21 38	21 24			n.a.
T 21	23 7	20 42	0n20	22 19	1 30	22 27	1 27	20 53	1 7	4 20	1 16	8 58	2 28	17 8	0 48	17 49	1 23	27 36	4 22	21 44	21 39	21 26			n.a.
W22	23 1	16 30	1 31	22 36	1 13	22 12	1 27	20 43	1 7	4 17	1 16	8 56	2 28	17 9	0 48	17 50	1 23	27 36	4 22	21 44	21 39	21 28			n.a.
T 23	22 54	11 28	2 37	22 54	0 57	21 56	1 28	20 33	1 6	4 13	1 16	8 54	2 28	17 10	0 49	17 50	1 23	27 36	4 22	21 44	21 40	21 29			n.a.
F 24	22 47	5 50	3 36	23 11	0 41	21 40	1 27	20 24	1 6	4 9	1 16	8 52	2 27	17 10	0 49	17 50	1 23	27 36	4 22	21 44	21 40	21 31			n.a.
S 25	22 40	0n 9	4 25	23 27	0 25	21 22	1 27	20 13	1 6	4 6	1 15	8 50	2 27	17 11	0 49	17 51	1 23	27 36	4 22	21 44	21 41	21 33			n.a.
S 26	22 32	6 12	4 58	23 42	0 10	21 5	1 27	20 3	1 5	4 2	1 15	8 47	2 27	17 12	0 49	17 51	1 23	27 36	4 22	21 43	21 41	21 34			n.a.
M27	22 23	12 3	5 15	23 55	0n 4	20 46	1 27	19 53	1 5	3 58	1 15	8 45	2 27	17 12	0 49	17 52	1 23	27 36	4 22	21 43	21 42	21 36			n.a.
T 28	22 14	17 22	5 14	24 7	0 18	20 27	1 27	19 42	1 5	3 54	1 15	8 43	2 27	17 13	0 49	17 52	1 23	27 35	4 22	21 43	21 42	21 38			n.a.
W29	22 5	21 45	4 52	24 17	0 30	20 8	1 26	19 31	1 4	3 50	1 15	8 41	2 27	17 14	0 49	17 53	1 23	27 35	4 22	21 43	21 43	21 39			n.a.
T 30	21 56	24 51	4 13	24 25	0 42	19 48	1 26	19 21	1 4	3 46	1 14	8 39	2 26	17 14	0 49	17 53	1 23	27 35	4 22	21 43	21 44	21 41			n.a.
F 31	21n46	26n19	3n17	24n31	0n53	19n27	1n25	19n10	1n 4	3n42	1n14	8n37	2n26	17s15	0s49	17s54	1s23	27s35	4s22	21s43	21s44	21s43			n.a.

Julian Day Number = 1197470.5, Delta T = 09h25m56s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'07, Lahiri = -23°45'07 Julian Calendar 1 July 1435 BCE == Greg. Calendar 18 June 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

AUGUST 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 46 8	24♋34'56	29♊59	9♋24	11♌ 9	10♌21	23♍47	14♍11	15°R28	15°R 8	17°R15	23♑48	23♑41	17♏ 2	n.a.	S 1
S 2	19 50 5	25°33'26	14♋17	11° 6	12°23	11° 1	23°57	14°16	15♒25	15♒ 7	17♐14	23°48	23°38	17° 9	n.a.	S 2
M 3	19 54 2	26°31'57	28°23	12°50	13°38	11°40	24° 7	14°21	15°23	15° 5	17°13	23°R49	23°35	17°16	n.a.	M 3
T 4	19 57 58	27°30'30	12♌11	14°36	14°52	12°20	24°16	14°27	15°21	15° 3	17°12	23°48	23°32	17°22	n.a.	T 4
W 5	20 1 55	28°29'06	25°40	16°25	16° 6	12°59	24°26	14°32	15°19	15° 2	17°11	23°48	23°29	17°29	n.a.	W 5
T 6	20 5 51	29°27'43	8♍48	18°14	17°21	13°39	24°37	14°38	15°16	15° 0	17°10	23°47	23°25	17°36	n.a.	T 6
F 7	20 9 48	0♌26'22	21°36	20° 5	18°35	14°19	24°47	14°44	15°14	14°59	17° 9	23°47	23°22	17°42	n.a.	F 7
S 8	20 13 44	1°25'03	4♎ 5	21°57	19°50	14°59	24°57	14°49	15°12	14°57	17° 8	23°46	23°19	17°49	n.a.	S 8
S 9	20 17 41	2°23'46	16°18	23°49	21° 4	15°38	25° 7	14°55	15° 9	14°55	17° 7	23°45	23°16	17°56	n.a.	S 9
M10	20 21 37	3°22'30	28°20	25°42	22°18	16°18	25°18	15° 1	15° 7	14°54	17° 7	23°D45	23°13	18° 3	n.a.	M10
T 11	20 25 34	4°21'17	10♏15	27°34	23°33	16°58	25°28	15° 7	15° 5	14°52	17° 6	23°45	23°10	18° 9	n.a.	T 11
W12	20 29 30	5°20'06	22° 8	29°26	24°47	17°38	25°39	15°13	15° 2	14°51	17° 5	23°45	23° 6	18°16	n.a.	W12
T 13	20 33 27	6°18'56	4♐ 2	1♌18	26° 1	18°18	25°50	15°19	15° 0	14°49	17° 4	23°46	23° 3	18°23	n.a.	T 13
F 14	20 37 24	7°17'49	16° 3	3°10	27°16	18°58	26° 0	15°25	14°58	14°47	17° 3	23°47	23° 0	18°29	n.a.	F 14
S 15	20 41 20	8°16'43	28°15	5° 1	28°30	19°38	26°11	15°31	14°55	14°46	17° 2	23°49	22°57	18°36	n.a.	S 15
S 16	20 45 17	9°15'40	10♑40	6°51	29°44	20°18	26°22	15°37	14°53	14°44	17° 2	23°50	22°54	18°43	n.a.	S 16
M17	20 49 13	10°14'38	23°21	8°40	0♍59	20°58	26°33	15°43	14°50	14°42	17° 1	23°R50	22°51	18°50	n.a.	M17
T 18	20 53 10	11°13'39	6♒20	10°29	2°13	21°39	26°44	15°49	14°48	14°41	17° 0	23°50	22°47	18°56	n.a.	T 18
W19	20 57 6	12°12'41	19°35	12°17	3°27	22°19	26°56	15°56	14°46	14°39	17° 0	23°48	22°44	19° 3	n.a.	W19
T 20	21 1 3	13°11'46	3♓ 7	14° 4	4°42	22°59	27° 7	16° 2	14°43	14°37	16°59	23°46	22°41	19°10	n.a.	T 20
F 21	21 4 59	14°10'53	16°53	15°50	5°56	23°39	27°18	16° 8	14°41	14°36	16°58	23°43	22°38	19°16	n.a.	F 21
S 22	21 8 56	15°10'03	0♈50	17°36	7°10	24°20	27°30	16°14	14°38	14°34	16°58	23°40	22°35	19°23	n.a.	S 22
S 23	21 12 53	16° 9'15	14°55	19°20	8°25	25° 0	27°41	16°21	14°36	14°32	16°57	23°38	22°31	19°30	n.a.	S 23
M24	21 16 49	17° 8'29	29° 5	21° 4	9°39	25°41	27°53	16°27	14°33	14°31	16°57	23°36	22°28	19°37	n.a.	M24
T 25	21 20 46	18° 7'46	13♉16	22°47	10°53	26°21	28° 4	16°34	14°31	14°29	16°56	23°D35	22°25	19°43	n.a.	T 25
W26	21 24 42	19° 7'06	27°28	24°29	12° 7	27° 2	28°16	16°40	14°29	14°27	16°56	23°35	22°22	19°50	n.a.	W26
T 27	21 28 39	20° 6'28	11♊37	26°10	13°22	27°42	28°28	16°47	14°26	14°26	16°55	23°36	22°19	19°57	n.a.	T 27
F 28	21 32 35	21° 5'53	25°41	27°51	14°36	28°23	28°40	16°53	14°24	14°24	16°55	23°37	22°16	20° 3	n.a.	F 28
S 29	21 36 32	22° 5'20	9♋40	29°30	15°50	29° 4	28°52	17° 0	14°21	14°22	16°54	23°39	22°12	20°10	n.a.	S 29
S 30	21 40 28	23° 4'49	23°31	1♍ 9	17° 4	29°44	29° 4	17° 7	14°19	14°21	16°54	23°R39	22° 9	20°17	n.a.	S 30
M31	21 44 25	24♌ 4'21	7♌11	2♍47	18♍19	0♍25	29♍16	17♍13	14♒17	14♒19	16♐53	23♑39	22♑ 6	20♏23	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n35	26n 0	2n 8	24n34	1n 2	19n 6	1n25	18n58	1n 3	3n38	1n14	8n34	2n26	17s16	0s49	17s54	1s23	27s35	4s22	21s43	21s45	21s44		n.a.
S 2	21 24	23 57	0 53	24 34	1 11	18 44	1 24	18 47	1 3	3 34	1 14	8 32	2 26	17 16	0 49	17 55	1 23	27 35	4 22	21 43	21 45	21 46		n.a.
M 3	21 13	20 26	0s25	24 33	1 19	18 22	1 24	18 36	1 3	3 30	1 13	8 30	2 26	17 17	0 49	17 55	1 23	27 35	4 22	21 43	21 46	21 48		n.a.
T 4	21 2	15 51	1 40	24 28	1 26	17 59	1 23	18 24	1 2	3 26	1 13	8 27	2 26	17 18	0 49	17 56	1 23	27 35	4 22	21 43	21 46	21 49		n.a.
W 5	20 50	10 34	2 48	24 21	1 32	17 35	1 22	18 12	1 2	3 22	1 13	8 25	2 25	17 18	0 49	17 56	1 23	27 35	4 22	21 44	21 47	21 51		n.a.
T 6	20 38	4 57	3 44	24 12	1 37	17 12	1 21	18 0	1 2	3 17	1 13	8 23	2 25	17 19	0 49	17 57	1 23	27 35	4 22	21 44	21 47	21 53		n.a.
F 7	20 25	0s42	4 28	24 0	1 41	16 47	1 20	17 48	1 1	3 13	1 13	8 20	2 25	17 20	0 49	17 57	1 23	27 34	4 22	21 44	21 48	21 54		n.a.
S 8	20 12	6 12	4 58	23 45	1 44	16 23	1 19	17 36	1 1	3 9	1 12	8 18	2 25	17 20	0 49	17 58	1 23	27 34	4 22	21 44	21 49	21 56		n.a.
S 9	19 58	11 20	5 14	23 28	1 47	15 57	1 18	17 24	1 1	3 4	1 12	8 16	2 25	17 21	0 49	17 58	1 23	27 34	4 22	21 44	21 49	21 57		n.a.
M10	19 45	15 58	5 16	23 9	1 49	15 32	1 17	17 11	1 0	3 0	1 12	8 13	2 25	17 22	0 49	17 59	1 23	27 34	4 22	21 44	21 50	21 59		n.a.
T 11	19 31	19 56	5 4	22 48	1 50	15 6	1 16	16 59	1 0	2 55	1 12	8 11	2 25	17 23	0 49	17 59	1 23	27 34	4 22	21 44	21 50	22 1		n.a.
W12	19 16	23 6	4 39	22 25	1 50	14 39	1 14	16 46	1 0	2 51	1 12	8 8	2 24	17 23	0 49	18 0	1 23	27 34	4 22	21 44	21 51	22 2		n.a.
T 13	19 2	25 17	4 2	22 0	1 50	14 12	1 13	16 33	0 59	2 47	1 11	8 6	2 24	17 24	0 49	18 0	1 23	27 34	4 22	21 44	21 51	22 4		n.a.
F 14	18 46	26 20	3 14	21 33	1 49	13 45	1 11	16 20	0 59	2 42	1 11	8 3	2 24	17 25	0 49	18 1	1 23	27 34	4 22	21 44	21 52	22 5		n.a.
S 15	18 31	26 8	2 17	21 5	1 47	13 18	1 10	16 7	0 58	2 37	1 11	8 1	2 24	17 25	0 49	18 1	1 23	27 34	4 22	21 43	21 52	22 7		n.a.
S 16	18 15	24 38	1 12	20 35	1 45	12 50	1 8	15 54	0 58	2 33	1 11	7 58	2 24	17 26	0 49	18 2	1 23	27 34	4 22	21 43	21 53	22 9		n.a.
M17	17 59	21 51	0 3	20 4	1 43	12 22	1 7	15 40	0 58	2 28	1 11	7 56	2 24	17 27	0 49	18 2	1 23	27 33	4 22	21 43	21 53	22 10		n.a.
T 18	17 43	17 55	1n 8	19 31	1 40	11 53	1 5	15 27	0 57	2 24	1 10	7 53	2 24	17 28	0 49	18 3	1 23	27 33	4 22	21 43	21 54	22 12		n.a.
W19	17 26	13 2	2 17	18 58	1 37	11 24	1 4	15 13	0 57	2 19	1 10	7 51	2 24	17 28	0 49	18 3	1 24	27 33	4 22	21 44	21 55	22 13		n.a.
T 20	17 9	7 26	3 20	18 23	1 33	10 55	1 2	14 59	0 57	2 14	1 10	7 48	2 23	17 29	0 49	18 4	1 24	27 33	4 22	21 44	21 55	22 15		n.a.
F 21	16 52	1 25	4 12	17 47	1 29	10 25	1 0	14 45	0 56	2 9	1 10	7 45	2 23	17 30	0 49	18 4	1 24	27 33	4 22	21 44	21 56	22 16		n.a.
S 22	16 34	4n45	4 50	17 11	1 25	9 56	0 58	14 31	0 56	2 5	1 10	7 43	2 23	17 31	0 49	18 5	1 24	27 33	4 22	21 45	21 56	22 18		n.a.
S 23	16 17	10 44	5 11	16 33	1 20	9 26	0 56	14 17	0 55	2 0	1 10	7 40	2 23	17 31	0 49	18 5	1 24	27 33	4 22	21 45	21 57	22 19		n.a.
M24	15 58	16 12	5 13	15 55	1 15	8 55	0 54	14 3	0 55	1 55	1 9	7 38	2 23	17 32	0 49	18 6	1 24	27 33	4 22	21 46	21 57	22 21		n.a.
T 25	15 40	20 47	4 56	15 16	1 10	8 25	0 52	13 48	0 55	1 50	1 9	7 35	2 23	17 33	0 49	18 6	1 24	27 33	4 21	21 46	21 58	22 22		n.a.
W26	15 21	24 10	4 21	14 37	1 5	7 54	0 50	13 34	0 54	1 45	1 9	7 32	2 23	17 33	0 49	18 7	1 24	27 33	4 21	21 46	21 58	22 24		n.a.
T 27	15 2	26 3	3 30	13 57	0 59	7 23	0 48	13 19	0 54	1 40	1 9	7 30	2 23	17 34	0 49	18 7	1 24	27 33	4 21	21 46	21 59	22 25		n.a.
F 28	14 43	26 15	2 27	13 16	0 53	6 52	0 46	13 5	0 53	1 35	1 9	7 27	2 23	17 35	0 49	18 8	1 24	27 33	4 21	21 45	21 59	22 27		n.a.
S 29	14 24	24 46	1 16	12 35	0 48	6 21	0 43	12 50	0 53	1 30	1 9	7 24	2 23	17 36	0 49	18 8	1 24	27 32	4 21	21 45	22 0	22 28		n.a.
S 30	14 4	21 47	0 1	11 54	0 41	5 49	0 41	12 35	0 53	1 25	1 8	7 21	2 22	17 36	0 49	18 9	1 24	27 32	4 21	21 45	22 0	22 30		n.a.
M31	13n44	17n37	1s13	11n12	0n35	5n18	0n39	12n20	0n52	1n20	1n 8	7n19	2n22	17s37	0s49	18s 9	1s24	27s32	4s21	21s45	22s 1	22s31		n.a.

Julian Day Number = 1197501.5, Delta T = 09h25m54s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°52'03, Lahiri = -23°45'03 Julian Calendar 1 Aug. 1435 BCE == Greg. Calendar 19 July 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

SEPTEMBER 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 48 21	25♌ 3'55	20♌39	4♍25	19♍33	1♍ 6	29♍28	17♍20	14°R14	14°R17	16°R53	23°R36	22♑ 3	20♏30	n.a.	T 1
W 2	21 52 18	26° 3'31	3♍52	6° 1	20°47	1°47	29°40	17°27	14♒12	14♒16	16♐53	23♑32	22° 0	20°37	n.a.	W 2
T 3	21 56 15	27° 3'10	16°50	7°37	22° 1	2°28	29°52	17°33	14°10	14°14	16°53	23°27	21°57	20°44	n.a.	T 3
F 4	22 0 11	28° 2'50	29°32	9°12	23°16	3° 9	0♎ 4	17°40	14° 7	14°12	16°52	23°21	21°53	20°50	n.a.	F 4
S 5	22 4 8	29° 2'32	11♎58	10°47	24°30	3°50	0°17	17°47	14° 5	14°11	16°52	23°15	21°50	20°57	n.a.	S 5
S 6	22 8 4	0♍ 2'17	24°11	12°21	25°44	4°31	0°29	17°54	14° 3	14° 9	16°52	23° 9	21°47	21° 4	n.a.	S 6
M 7	22 12 1	1° 2'03	6♏12	13°54	26°58	5°12	0°42	18° 1	14° 0	14° 8	16°52	23° 5	21°44	21°10	n.a.	M 7
T 8	22 15 57	2° 1'51	18° 6	15°26	28°12	5°53	0°54	18° 8	13°58	14° 6	16°52	23° 2	21°41	21°17	n.a.	T 8
W 9	22 19 54	3° 1'41	29°57	16°58	29°26	6°35	1° 7	18°14	13°56	14° 5	16°51	23°D 0	21°37	21°24	n.a.	W 9
T 10	22 23 50	4° 1'34	11♐50	18°29	0♎41	7°16	1°19	18°21	13°54	14° 3	16°51	23° 1	21°34	21°31	n.a.	T 10
F 11	22 27 47	5° 1'28	23°50	20° 0	1°55	7°57	1°32	18°28	13°51	14° 1	16°51	23° 2	21°31	21°37	n.a.	F 11
S 12	22 31 43	6° 1'23	6♑ 2	21°30	3° 9	8°38	1°45	18°35	13°49	14° 0	16°51	23° 4	21°28	21°44	n.a.	S 12
S 13	22 35 40	7° 1'21	18°31	22°59	4°23	9°20	1°57	18°42	13°47	13°58	16°D51	23°R 5	21°25	21°51	n.a.	S 13
M14	22 39 37	8° 1'21	1♒20	24°28	5°37	10° 1	2°10	18°49	13°45	13°57	16°51	23° 4	21°22	21°57	n.a.	M14
T 15	22 43 33	9° 1'22	14°32	25°56	6°51	10°43	2°23	18°56	13°43	13°55	16°51	23° 2	21°18	22° 4	n.a.	T 15
W16	22 47 30	10° 1'25	28° 6	27°23	8° 5	11°24	2°36	19° 3	13°41	13°54	16°51	22°58	21°15	22°11	n.a.	W16
T 17	22 51 26	11° 1'30	12♓ 3	28°50	9°19	12° 6	2°49	19°10	13°39	13°53	16°52	22°52	21°12	22°17	n.a.	T 17
F 18	22 55 23	12° 1'37	26°17	0♎16	10°33	12°48	3° 2	19°17	13°36	13°51	16°52	22°44	21° 9	22°24	n.a.	F 18
S 19	22 59 19	13° 1'47	10♈43	1°41	11°47	13°29	3°15	19°24	13°34	13°50	16°52	22°36	21° 6	22°31	n.a.	S 19
S 20	23 3 16	14° 1'58	25°16	3° 6	13° 1	14°11	3°28	19°31	13°32	13°48	16°52	22°28	21° 2	22°38	n.a.	S 20
M21	23 7 12	15° 2'11	9♉47	4°30	14°15	14°53	3°41	19°38	13°30	13°47	16°52	22°21	20°59	22°44	n.a.	M21
T 22	23 11 9	16° 2'27	24°12	5°53	15°29	15°35	3°54	19°45	13°29	13°46	16°52	22°17	20°56	22°51	n.a.	T 22
W23	23 15 5	17° 2'46	8♊28	7°15	16°43	16°17	4° 7	19°52	13°27	13°44	16°53	22°15	20°53	22°58	n.a.	W23
T 24	23 19 2	18° 3'06	22°31	8°36	17°56	16°58	4°20	19°59	13°25	13°43	16°53	22°D15	20°50	23° 4	n.a.	T 24
F 25	23 22 59	19° 3'29	6♋21	9°56	19°10	17°40	4°33	20° 6	13°23	13°42	16°53	22°15	20°47	23°11	n.a.	F 25
S 26	23 26 55	20° 3'53	19°59	11°14	20°24	18°22	4°46	20°13	13°21	13°40	16°54	22°R16	20°43	23°18	n.a.	S 26
S 27	23 30 52	21° 4'20	3♌26	12°32	21°38	19° 5	5° 0	20°20	13°19	13°39	16°54	22°16	20°40	23°25	n.a.	S 27
M28	23 34 48	22° 4'49	16°41	13°48	22°52	19°47	5°13	20°28	13°18	13°38	16°55	22°13	20°37	23°31	n.a.	M28
T 29	23 38 45	23° 5'20	29°45	15° 3	24° 6	20°29	5°26	20°35	13°16	13°37	16°55	22° 7	20°34	23°38	n.a.	T 29
W30	23 42 41	24♍ 5'52	12♍38	16♎16	25♎19	21♍11	5♎39	20♍42	13♒14	13♒35	16♐56	21♑59	20♑31	23♏45	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n24	12n37	2s22	10n31	0n29	4n46	0n37	12n 5	0n52	1n15	1n 8	7n16	2n22	17s38	0s49	18s10	1s24	27s32	4s21	21s46	22s 1	22s33		n.a.
W 2	13 3	7 8	3 22	9 49	0 22	4 14	0 34	11 49	0 51	1 10	1 8	7 13	2 22	17 38	0 49	18 10	1 24	27 32	4 21	21 46	22 2	22 34		n.a.
T 3	12 43	1 28	4 10	9 6	0 16	3 42	0 32	11 34	0 51	1 5	1 8	7 11	2 22	17 39	0 49	18 11	1 24	27 32	4 21	21 47	22 2	22 36		n.a.
F 4	12 22	4s 9	4 44	8 24	0 9	3 10	0 29	11 19	0 50	1 0	1 8	7 8	2 22	17 40	0 49	18 11	1 24	27 32	4 21	21 48	22 3	22 37		n.a.
S 5	12 1	9 28	5 5	7 41	0 2	2 38	0 27	11 3	0 50	0 55	1 7	7 5	2 22	17 40	0 49	18 12	1 24	27 32	4 21	21 49	22 3	22 38		n.a.
S 6	11 39	14 20	5 10	6 59	0s 4	2 6	0 24	10 48	0 50	0 50	1 7	7 2	2 22	17 41	0 49	18 12	1 24	27 32	4 21	21 50	22 4	22 40		n.a.
M 7	11 18	18 34	5 2	6 16	0 11	1 33	0 22	10 32	0 49	0 45	1 7	6 59	2 22	17 42	0 49	18 13	1 24	27 32	4 21	21 51	22 5	22 41		n.a.
T 8	10 56	22 1	4 41	5 34	0 18	1 1	0 19	10 16	0 49	0 39	1 7	6 57	2 22	17 42	0 49	18 13	1 24	27 32	4 21	21 52	22 5	22 43		n.a.
W 9	10 34	24 33	4 9	4 51	0 25	0 28	0 16	10 0	0 48	0 34	1 7	6 54	2 22	17 43	0 49	18 14	1 24	27 32	4 21	21 52	22 6	22 44		n.a.
T 10	10 12	25 59	3 25	4 9	0 32	0s 4	0 14	9 44	0 48	0 29	1 7	6 51	2 22	17 44	0 49	18 14	1 24	27 32	4 21	21 52	22 6	22 46		n.a.
F 11	9 50	26 15	2 32	3 26	0 39	0 36	0 11	9 28	0 47	0 24	1 7	6 48	2 22	17 44	0 49	18 15	1 24	27 32	4 21	21 52	22 7	22 47		n.a.
S 12	9 28	25 14	1 31	2 44	0 46	1 9	0 8	9 12	0 47	0 19	1 7	6 45	2 22	17 45	0 49	18 15	1 24	27 32	4 21	21 51	22 7	22 48		n.a.
S 13	9 5	22 58	0 25	2 2	0 53	1 41	0 5	8 56	0 46	0 13	1 6	6 43	2 22	17 46	0 49	18 15	1 24	27 32	4 21	21 51	22 8	22 50		n.a.
M14	8 43	19 30	0n45	1 20	0 59	2 14	0 3	8 39	0 46	0 8	1 6	6 40	2 22	17 46	0 49	18 16	1 24	27 31	4 21	21 51	22 8	22 51		n.a.
T 15	8 20	14 58	1 53	0 38	1 6	2 46	0s 0	8 23	0 46	0 3	1 6	6 37	2 22	17 47	0 49	18 16	1 24	27 31	4 21	21 51	22 9	22 52		n.a.
W16	7 57	9 34	2 57	0s 3	1 13	3 18	0 3	8 6	0 45	0s 3	1 6	6 34	2 22	17 47	0 49	18 17	1 23	27 31	4 21	21 52	22 9	22 54		n.a.
T 17	7 34	3 35	3 53	0 44	1 19	3 51	0 6	7 50	0 45	0 8	1 6	6 31	2 22	17 48	0 49	18 17	1 23	27 31	4 21	21 53	22 10	22 55		n.a.
F 18	7 10	2n41	4 35	1 25	1 26	4 23	0 9	7 33	0 44	0 13	1 6	6 29	2 22	17 49	0 49	18 18	1 23	27 31	4 21	21 55	22 10	22 57		n.a.
S 19	6 47	8 54	5 0	2 5	1 32	4 55	0 12	7 16	0 44	0 19	1 6	6 26	2 21	17 49	0 49	18 18	1 23	27 31	4 21	21 56	22 11	22 58		n.a.
S 20	6 23	14 40	5 6	2 45	1 38	5 27	0 14	7 0	0 43	0 24	1 6	6 23	2 21	17 50	0 49	18 18	1 23	27 31	4 20	21 57	22 11	22 59		n.a.
M21	6 0	19 37	4 52	3 25	1 45	5 59	0 17	6 43	0 43	0 29	1 6	6 20	2 21	17 50	0 49	18 19	1 23	27 31	4 20	21 58	22 12	23 1		n.a.
T 22	5 36	23 21	4 20	4 4	1 51	6 30	0 20	6 26	0 42	0 35	1 5	6 17	2 21	17 51	0 49	18 19	1 23	27 31	4 20	21 59	22 12	23 2		n.a.
W23	5 12	25 36	3 32	4 42	1 56	7 2	0 23	6 9	0 42	0 40	1 5	6 14	2 21	17 51	0 49	18 20	1 23	27 31	4 20	21 59	22 13	23 3		n.a.
T 24	4 48	26 11	2 32	5 20	2 2	7 34	0 26	5 52	0 41	0 45	1 5	6 12	2 21	17 52	0 48	18 20	1 23	27 31	4 20	21 59	22 13	23 4		n.a.
F 25	4 24	25 7	1 24	5 57	2 7	8 5	0 29	5 35	0 41	0 51	1 5	6 9	2 21	17 52	0 48	18 20	1 23	27 31	4 20	21 59	22 14	23 6		n.a.
S 26	4 0	22 33	0 12	6 33	2 12	8 36	0 32	5 18	0 40	0 56	1 5	6 6	2 21	17 53	0 48	18 21	1 23	27 31	4 20	21 59	22 14	23 7		n.a.
S 27	3 36	18 46	0s59	7 8	2 17	9 7	0 35	5 0	0 40	1 2	1 5	6 3	2 21	17 53	0 48	18 21	1 23	27 31	4 20	21 59	22 15	23 8		n.a.
M28	3 12	14 6	2 6	7 43	2 22	9 38	0 38	4 43	0 39	1 7	1 5	6 0	2 21	17 54	0 48	18 21	1 23	27 31	4 20	22 0	22 15	23 10		n.a.
T 29	2 47	8 52	3 6	8 16	2 26	10 8	0 41	4 26	0 39	1 13	1 5	5 58	2 22	17 54	0 48	18 22	1 23	27 31	4 20	22 1	22 16	23 11		n.a.
W30	2n23	3n20	3s55	8s48	2s30	10s38	0s43	4n 8	0n38	1s18	1n 5	5n55	2n22	17s55	0s48	18s22	1s23	27s31	4s20	22s 2	22s16	23s12		n.a.

Julian Day Number = 1197532.5, Delta T = 09h25m53s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'59, Lahiri = -23°44'59 Julian Calendar 1 Sept. 1435 BCE == Greg. Calendar 19 Aug. 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

OCTOBER 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 46 38	25♍ 6'27	25♍20	17♎26	26♎33	21♍53	5♎53	20♍49	13°R13	13°R34	16♐56	21°R49	20♑28	23♏51	n.a.	T 1
F 2	23 50 34	26° 7'03	7♎50	18°35	27°47	22°36	6° 6	20°56	13♒11	13♒33	16°57	21♑36	20°24	23°58	n.a.	F 2
S 3	23 54 31	27° 7'41	20° 8	19°41	29° 1	23°18	6°19	21° 3	13° 9	13°32	16°57	21°24	20°21	24° 5	n.a.	S 3
S 4	23 58 28	28° 8'20	2♏16	20°45	0♏14	24° 0	6°33	21°10	13° 8	13°31	16°58	21°12	20°18	24°11	n.a.	S 4
M 5	0 2 24	29° 9'01	14°14	21°45	1°28	24°43	6°46	21°17	13° 6	13°30	16°58	21° 1	20°15	24°18	n.a.	M 5
T 6	0 6 21	0♎ 9'43	26° 6	22°42	2°42	25°25	7° 0	21°24	13° 5	13°29	16°59	20°53	20°12	24°25	n.a.	T 6
W 7	0 10 17	1°10'27	7♐55	23°35	3°55	26° 8	7°13	21°31	13° 4	13°28	17° 0	20°48	20° 8	24°32	n.a.	W 7
T 8	0 14 14	2°11'12	19°45	24°24	5° 9	26°51	7°26	21°38	13° 2	13°27	17° 0	20°45	20° 5	24°38	n.a.	T 8
F 9	0 18 10	3°11'59	1♑42	25° 8	6°23	27°33	7°40	21°45	13° 1	13°26	17° 1	20°D45	20° 2	24°45	n.a.	F 9
S 10	0 22 7	4°12'46	13°50	25°46	7°36	28°16	7°53	21°52	13° 0	13°25	17° 2	20°45	19°59	24°52	n.a.	S 10
S 11	0 26 3	5°13'35	26°16	26°17	8°50	28°59	8° 7	21°59	12°58	13°24	17° 3	20°R45	19°56	24°58	n.a.	S 11
M12	0 30 0	6°14'25	9♒ 4	26°42	10° 3	29°41	8°20	22° 6	12°57	13°23	17° 4	20°44	19°53	25° 5	n.a.	M12
T 13	0 33 57	7°15'16	22°18	26°59	11°17	0♎24	8°34	22°13	12°56	13°22	17° 4	20°40	19°49	25°12	n.a.	T 13
W14	0 37 53	8°16'09	6♓ 0	27°R 7	12°30	1° 7	8°47	22°19	12°55	13°22	17° 5	20°34	19°46	25°18	n.a.	W14
T 15	0 41 50	9°17'02	20°10	27° 6	13°43	1°50	9° 1	22°26	12°54	13°21	17° 6	20°25	19°43	25°25	n.a.	T 15
F 16	0 45 46	10°17'57	4♈44	26°55	14°57	2°33	9°14	22°33	12°53	13°20	17° 7	20°14	19°40	25°32	n.a.	F 16
S 17	0 49 43	11°18'53	19°36	26°33	16°10	3°16	9°28	22°40	12°52	13°19	17° 8	20° 2	19°37	25°38	n.a.	S 17
S 18	0 53 39	12°19'50	4♉35	26° 0	17°23	3°59	9°41	22°47	12°51	13°19	17° 9	19°50	19°33	25°45	n.a.	S 18
M19	0 57 36	13°20'48	19°34	25°17	18°37	4°42	9°55	22°54	12°50	13°18	17°10	19°41	19°30	25°52	n.a.	M19
T 20	1 1 32	14°21'49	4♊22	24°23	19°50	5°25	10° 8	23° 0	12°50	13°17	17°11	19°34	19°27	25°59	n.a.	T 20
W21	1 5 29	15°22'50	18°53	23°19	21° 3	6° 9	10°22	23° 7	12°49	13°17	17°12	19°29	19°24	26° 5	n.a.	W21
T 22	1 9 26	16°23'53	3♋ 5	22° 8	22°16	6°52	10°35	23°14	12°48	13°16	17°13	19°27	19°21	26°12	n.a.	T 22
F 23	1 13 22	17°24'58	16°55	20°50	23°29	7°35	10°49	23°20	12°47	13°16	17°14	19°27	19°18	26°19	n.a.	F 23
S 24	1 17 19	18°26'03	0♌26	19°28	24°42	8°19	11° 2	23°27	12°47	13°15	17°15	19°27	19°14	26°25	n.a.	S 24
S 25	1 21 15	19°27'10	13°39	18° 6	25°55	9° 2	11°15	23°34	12°46	13°15	17°17	19°26	19°11	26°32	n.a.	S 25
M26	1 25 12	20°28'18	26°37	16°45	27° 8	9°45	11°29	23°40	12°46	13°14	17°18	19°22	19° 8	26°39	n.a.	M26
T 27	1 29 8	21°29'28	9♍22	15°28	28°21	10°29	11°42	23°47	12°45	13°14	17°19	19°15	19° 5	26°45	n.a.	T 27
W28	1 33 5	22°30'38	21°56	14°18	29°34	11°13	11°56	23°53	12°45	13°13	17°20	19° 5	19° 2	26°52	n.a.	W28
T 29	1 37 1	23°31'49	4♎21	13°17	0♐47	11°56	12° 9	24° 0	12°44	13°13	17°21	18°53	18°59	26°59	n.a.	T 29
F 30	1 40 58	24°33'01	16°37	12°26	2° 0	12°40	12°22	24° 6	12°44	13°13	17°23	18°39	18°55	27° 6	n.a.	F 30
S 31	1 44 55	25♎34'15	28♎44	11♎47	3♐13	13♎23	12♎36	24♍13	12♒44	13♒13	17♐24	18♑23	18♑52	27♏12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n59	2s15	4s31	9s19	2s33	11s 8	0s46	3n51	0n38	1s23	1n 5	5n52	2n22	17s55	0s48	18s22	1s23	27s31	4s20	22s 4	22s17	23s14		n.a.
F 2	1 34	7 38	4 54	9 49	2 36	11 38	0 49	3 33	0 37	1 29	1 4	5 49	2 22	17 56	0 48	18 23	1 23	27 31	4 20	22 6	22 17	23 15		n.a.
S 3	1 10	12 39	5 2	10 17	2 39	12 7	0 52	3 16	0 37	1 34	1 4	5 46	2 22	17 56	0 48	18 23	1 23	27 31	4 20	22 8	22 17	23 16		n.a.
S 4	0 45	17 6	4 57	10 43	2 41	12 37	0 55	2 58	0 36	1 40	1 4	5 44	2 22	17 57	0 48	18 23	1 23	27 31	4 20	22 10	22 18	23 17		n.a.
M 5	0 21	20 48	4 38	11 7	2 42	13 5	0 58	2 41	0 36	1 45	1 4	5 41	2 22	17 57	0 48	18 24	1 23	27 31	4 20	22 11	22 18	23 19		n.a.
T 6	0s 4	23 38	4 8	11 30	2 43	13 34	1 0	2 23	0 35	1 51	1 4	5 38	2 22	17 57	0 48	18 24	1 23	27 31	4 20	22 13	22 19	23 20		n.a.
W 7	0 28	25 25	3 27	11 50	2 43	14 2	1 3	2 5	0 35	1 56	1 4	5 35	2 22	17 58	0 48	18 24	1 23	27 31	4 20	22 13	22 19	23 21		n.a.
T 8	0 53	26 4	2 37	12 7	2 42	14 30	1 6	1 48	0 34	2 2	1 4	5 32	2 22	17 58	0 48	18 24	1 23	27 31	4 20	22 14	22 20	23 22		n.a.
F 9	1 18	25 31	1 39	12 22	2 40	14 58	1 9	1 30	0 34	2 7	1 4	5 30	2 22	17 58	0 48	18 25	1 23	27 31	4 20	22 14	22 20	23 23		n.a.
S 10	1 42	23 44	0 37	12 34	2 37	15 25	1 11	1 12	0 33	2 12	1 4	5 27	2 22	17 59	0 48	18 25	1 23	27 31	4 20	22 14	22 21	23 25		n.a.
S 11	2 7	20 48	0n29	12 42	2 33	15 52	1 14	0 54	0 32	2 18	1 4	5 24	2 22	17 59	0 48	18 25	1 23	27 32	4 20	22 14	22 21	23 26		n.a.
M12	2 31	16 47	1 35	12 46	2 28	16 18	1 17	0 37	0 32	2 23	1 4	5 21	2 22	17 59	0 48	18 25	1 23	27 32	4 20	22 14	22 22	23 27		n.a.
T 13	2 56	11 50	2 39	12 46	2 22	16 44	1 19	0 19	0 31	2 29	1 4	5 19	2 22	18 0	0 48	18 25	1 23	27 32	4 19	22 15	22 22	23 28		n.a.
W14	3 20	6 9	3 35	12 42	2 14	17 9	1 22	0 1	0 31	2 34	1 4	5 16	2 22	18 0	0 48	18 26	1 23	27 32	4 19	22 16	22 23	23 29		n.a.
T 15	3 45	0n 1	4 20	12 33	2 4	17 35	1 24	0s17	0 30	2 40	1 4	5 13	2 22	18 0	0 48	18 26	1 23	27 32	4 19	22 17	22 23	23 31		n.a.
F 16	4 9	6 20	4 50	12 18	1 53	17 59	1 27	0 35	0 30	2 45	1 4	5 11	2 22	18 0	0 48	18 26	1 23	27 32	4 19	22 19	22 24	23 32		n.a.
S 17	4 33	12 25	5 0	11 58	1 40	18 23	1 29	0 53	0 29	2 51	1 4	5 8	2 22	18 1	0 48	18 26	1 23	27 32	4 19	22 20	22 24	23 33		n.a.
S 18	4 57	17 49	4 51	11 33	1 26	18 47	1 32	1 11	0 29	2 56	1 3	5 5	2 22	18 1	0 48	18 26	1 23	27 32	4 19	22 22	22 25	23 34		n.a.
M19	5 22	22 7	4 21	11 2	1 10	19 10	1 34	1 29	0 28	3 1	1 3	5 3	2 22	18 1	0 48	18 27	1 23	27 32	4 19	22 24	22 25	23 35		n.a.
T 20	5 46	24 54	3 34	10 25	0 52	19 33	1 36	1 46	0 27	3 7	1 3	5 0	2 23	18 1	0 48	18 27	1 23	27 32	4 19	22 25	22 26	23 36		n.a.
W21	6 10	25 57	2 34	9 44	0 33	19 55	1 39	2 4	0 27	3 12	1 3	4 57	2 23	18 2	0 48	18 27	1 23	27 32	4 19	22 25	22 26	23 37		n.a.
T 22	6 33	25 15	1 25	8 58	0 13	20 17	1 41	2 22	0 26	3 18	1 3	4 55	2 23	18 2	0 48	18 27	1 23	27 32	4 19	22 25	22 26	23 39		n.a.
F 23	6 57	23 0	0 13	8 10	0n 7	20 38	1 43	2 40	0 26	3 23	1 3	4 52	2 23	18 2	0 48	18 27	1 23	27 32	4 19	22 26	22 27	23 40		n.a.
S 24	7 21	19 29	0s58	7 19	0 28	20 59	1 45	2 58	0 25	3 28	1 3	4 50	2 23	18 2	0 48	18 27	1 23	27 32	4 19	22 26	22 27	23 41		n.a.
S 25	7 45	15 3	2 4	6 29	0 48	21 18	1 47	3 16	0 24	3 34	1 3	4 47	2 23	18 2	0 48	18 27	1 23	27 32	4 19	22 26	22 28	23 42		n.a.
M26	8 8	10 0	3 3	5 39	1 7	21 38	1 49	3 34	0 24	3 39	1 3	4 44	2 23	18 2	0 48	18 27	1 22	27 33	4 19	22 26	22 28	23 43		n.a.
T 27	8 31	4 38	3 51	4 53	1 26	21 57	1 51	3 52	0 23	3 45	1 3	4 42	2 23	18 2	0 47	18 28	1 22	27 33	4 19	22 27	22 29	23 44		n.a.
W28	8 55	0s50	4 27	4 10	1 42	22 15	1 53	4 10	0 23	3 50	1 3	4 39	2 23	18 2	0 47	18 28	1 22	27 33	4 19	22 29	22 29	23 45		n.a.
T 29	9 18	6 11	4 50	3 33	1 57	22 32	1 54	4 28	0 22	3 55	1 3	4 37	2 23	18 3	0 47	18 28	1 22	27 33	4 19	22 30	22 30	23 46		n.a.
F 30	9 41	11 14	4 59	3 1	2 9	22 49	1 56	4 46	0 21	4 1	1 3	4 34	2 24	18 3	0 47	18 28	1 22	27 33	4 19	22 32	22 30	23 47		n.a.
S 31	10s 3	15s47	4s55	2s36	2n20	23s 6	1s58	5s 3	0n21	4s 6	1n 3	4n32	2n24	18s 3	0s47	18s28	1s22	27s33	4s19	22s35	22s31	23s48		n.a.

Julian Day Number = 1197562.5, Delta T = 09h25m51s
Ecliptic obliquity = 23°51'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'55, Lahiri = -23°44'54 Julian Calendar 1 Oct. 1435 BCE == Greg. Calendar 18 Sept. 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

NOVEMBER 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 48 51	26♎35'28	10♏45	11°R18	4♐25	14♎ 7	12♎49	24♍19	12°R44	13°R12	17♐25	18°R 9	18♉49	27♏19	n.a.	S 1
M 2	1 52 48	27°36'43	22°39	11♎ 1	5°38	14°51	13° 2	24°25	12♒43	13♒12	17°27	17♉56	18°46	27°26	n.a.	M 2
T 3	1 56 44	28°37'58	4♐28	10°D54	6°51	15°35	13°16	24°31	12°43	13°12	17°28	17°46	18°43	27°32	n.a.	T 3
W 4	2 0 41	29°39'14	16°16	10°58	8° 3	16°19	13°29	24°38	12°43	13°12	17°29	17°39	18°39	27°39	n.a.	W 4
T 5	2 4 37	0♏40'30	28° 5	11°11	9°16	17° 3	13°42	24°44	12°D43	13°12	17°31	17°35	18°36	27°46	n.a.	T 5
F 6	2 8 34	1°41'46	10♉ 0	11°33	10°28	17°46	13°55	24°50	12°43	13°12	17°32	17°34	18°33	27°52	n.a.	F 6
S 7	2 12 31	2°43'03	22° 5	12° 2	11°41	18°30	14° 8	24°56	12°43	13°D12	17°34	17°D33	18°30	27°59	n.a.	S 7
S 8	2 16 27	3°44'20	4♒26	12°39	12°53	19°14	14°22	25° 2	12°44	13°12	17°35	17°R34	18°27	28° 6	n.a.	S 8
M 9	2 20 24	4°45'36	17° 8	13°22	14° 5	19°59	14°35	25° 8	12°44	13°12	17°36	17°33	18°24	28°12	n.a.	M 9
T 10	2 24 20	5°46'53	0♓15	14°11	15°17	20°43	14°48	25°14	12°44	13°12	17°38	17°30	18°20	28°19	n.a.	T 10
W11	2 28 17	6°48'10	13°53	15° 4	16°30	21°27	15° 1	25°20	12°44	13°12	17°39	17°25	18°17	28°26	n.a.	W11
T 12	2 32 13	7°49'27	28° 1	16° 2	17°42	22°11	15°14	25°26	12°45	13°12	17°41	17°18	18°14	28°33	n.a.	T 12
F 13	2 36 10	8°50'45	12♈37	17° 3	18°54	22°55	15°27	25°31	12°45	13°12	17°42	17° 8	18°11	28°39	n.a.	F 13
S 14	2 40 6	9°52'02	27°37	18° 8	20° 6	23°40	15°40	25°37	12°46	13°13	17°44	16°58	18° 8	28°46	n.a.	S 14
S 15	2 44 3	10°53'19	12♉51	19°16	21°17	24°24	15°53	25°43	12°46	13°13	17°46	16°47	18° 5	28°53	n.a.	S 15
M16	2 48 0	11°54'37	28° 9	20°27	22°29	25° 8	16° 5	25°48	12°47	13°13	17°47	16°38	18° 1	28°59	n.a.	M16
T 17	2 51 56	12°55'55	13♊18	21°39	23°41	25°53	16°18	25°54	12°47	13°14	17°49	16°32	17°58	29° 6	n.a.	T 17
W18	2 55 53	13°57'13	28°10	22°54	24°52	26°37	16°31	26° 0	12°48	13°14	17°50	16°28	17°55	29°13	n.a.	W18
T 19	2 59 49	14°58'31	12♋40	24°11	26° 4	27°22	16°44	26° 5	12°49	13°14	17°52	16°D27	17°52	29°19	n.a.	T 19
F 20	3 3 46	15°59'50	26°43	25°29	27°15	28° 6	16°56	26°10	12°50	13°15	17°54	16°27	17°49	29°26	n.a.	F 20
S 21	3 7 42	17° 1'08	10♌20	26°48	28°27	28°51	17° 9	26°16	12°50	13°15	17°55	16°28	17°45	29°33	n.a.	S 21
S 22	3 11 39	18° 2'27	23°33	28° 9	29°38	29°35	17°22	26°21	12°51	13°16	17°57	16°R28	17°42	29°39	n.a.	S 22
M23	3 15 36	19° 3'46	6♍26	29°31	0♉49	0♏20	17°34	26°26	12°52	13°16	17°59	16°26	17°39	29°46	n.a.	M23
T 24	3 19 32	20° 5'05	19° 2	0♏54	2° 0	1° 5	17°47	26°31	12°53	13°17	18° 1	16°22	17°36	29°53	n.a.	T 24
W25	3 23 29	21° 6'24	1♎25	2°18	3°11	1°49	17°59	26°36	12°54	13°17	18° 2	16°15	17°33	29°59	n.a.	W25
T 26	3 27 25	22° 7'43	13°37	3°43	4°22	2°34	18°11	26°41	12°55	13°18	18° 4	16° 7	17°30	0♐ 6	n.a.	T 26
F 27	3 31 22	23° 9'02	25°41	5° 9	5°33	3°19	18°24	26°46	12°56	13°19	18° 6	15°56	17°26	0°13	n.a.	F 27
S 28	3 35 18	24°10'21	7♏39	6°35	6°43	4° 4	18°36	26°51	12°58	13°19	18° 7	15°46	17°23	0°20	n.a.	S 28
S 29	3 39 15	25°11'39	19°32	8° 2	7°54	4°49	18°48	26°56	12°59	13°20	18° 9	15°35	17°20	0°26	n.a.	S 29
M30	3 43 11	26♏12'57	1♐23	9♏29	9♉ 4	5♏34	19♎ 0	27♍ 0	13♒ 0	13♒21	18♐11	15♉26	17♉17	0♐33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s26	19s41	4s37	2s17	2n28	23s21	1s59	5s21	0n20	4s11	1n 3	4n29	2n24	18s 3	0s47	18s28	1s22	27s33	4s19	22s37	22s31	23s50		n.a.
M 2	10 48	22 44	4 7	2 4	2 34	23 36	2 1	5 39	0 20	4 16	1 3	4 27	2 24	18 3	0 47	18 28	1 22	27 33	4 19	22 38	22 31	23 51		n.a.
T 3	11 11	24 48	3 27	1 57	2 39	23 51	2 2	5 57	0 19	4 22	1 3	4 25	2 24	18 3	0 47	18 28	1 22	27 33	4 19	22 40	22 32	23 52		n.a.
W 4	11 33	25 45	2 38	1 56	2 42	24 4	2 4	6 14	0 18	4 27	1 3	4 22	2 24	18 3	0 47	18 28	1 22	27 34	4 19	22 41	22 32	23 53		n.a.
T 5	11 55	25 32	1 41	2 0	2 43	24 17	2 5	6 32	0 18	4 32	1 3	4 20	2 24	18 3	0 47	18 28	1 22	27 34	4 19	22 41	22 33	23 54		n.a.
F 6	12 16	24 9	0 40	2 9	2 43	24 29	2 6	6 50	0 17	4 37	1 3	4 17	2 24	18 3	0 47	18 28	1 22	27 34	4 19	22 41	22 33	23 55		n.a.
S 7	12 38	21 37	0n24	2 21	2 42	24 41	2 7	7 7	0 17	4 43	1 3	4 15	2 25	18 2	0 47	18 28	1 22	27 34	4 19	22 41	22 34	23 56		n.a.
S 8	12 59	18 4	1 28	2 38	2 40	24 52	2 8	7 25	0 16	4 48	1 3	4 13	2 25	18 2	0 47	18 28	1 22	27 34	4 19	22 41	22 34	23 57		n.a.
M 9	13 20	13 36	2 30	2 58	2 37	25 2	2 9	7 43	0 15	4 53	1 3	4 11	2 25	18 2	0 47	18 28	1 22	27 34	4 19	22 41	22 35	23 58		n.a.
T 10	13 41	8 22	3 26	3 20	2 33	25 11	2 10	8 0	0 15	4 58	1 3	4 8	2 25	18 2	0 47	18 28	1 22	27 34	4 19	22 42	22 35	23 59		n.a.
W11	14 2	2 34	4 13	3 45	2 29	25 20	2 11	8 17	0 14	5 3	1 3	4 6	2 25	18 2	0 47	18 28	1 22	27 34	4 19	22 42	22 35	24 0		n.a.
T 12	14 22	3n33	4 46	4 12	2 24	25 28	2 11	8 35	0 13	5 8	1 3	4 4	2 25	18 2	0 47	18 27	1 22	27 35	4 19	22 43	22 36	24 1		n.a.
F 13	14 42	9 41	5 2	4 41	2 18	25 35	2 12	8 52	0 13	5 13	1 3	4 2	2 26	18 2	0 47	18 27	1 22	27 35	4 19	22 45	22 36	24 2		n.a.
S 14	15 2	15 25	4 57	5 12	2 12	25 41	2 12	9 9	0 12	5 18	1 3	4 0	2 26	18 2	0 47	18 27	1 22	27 35	4 19	22 46	22 37	24 3		n.a.
S 15	15 21	20 17	4 32	5 44	2 6	25 47	2 13	9 27	0 11	5 23	1 3	3 57	2 26	18 1	0 47	18 27	1 22	27 35	4 19	22 47	22 37	24 4		n.a.
M16	15 41	23 47	3 47	6 17	2 0	25 52	2 13	9 44	0 11	5 28	1 3	3 55	2 26	18 1	0 47	18 27	1 22	27 35	4 19	22 48	22 38	24 5		n.a.
T 17	16 0	25 34	2 47	6 51	1 53	25 56	2 13	10 1	0 10	5 33	1 3	3 53	2 26	18 1	0 47	18 27	1 22	27 35	4 19	22 49	22 38	24 6		n.a.
W18	16 18	25 27	1 36	7 25	1 46	25 59	2 13	10 18	0 9	5 38	1 3	3 51	2 26	18 1	0 47	18 27	1 22	27 36	4 19	22 50	22 38	24 7		n.a.
T 19	16 37	23 35	0 20	8 1	1 39	26 1	2 13	10 35	0 9	5 43	1 3	3 49	2 27	18 0	0 47	18 27	1 22	27 36	4 19	22 50	22 39	24 8		n.a.
F 20	16 55	20 18	0s55	8 36	1 31	26 3	2 13	10 52	0 8	5 48	1 3	3 47	2 27	18 0	0 47	18 26	1 22	27 36	4 19	22 50	22 39	24 8		n.a.
S 21	17 13	15 58	2 4	9 13	1 24	26 4	2 13	11 8	0 7	5 53	1 3	3 45	2 27	18 0	0 47	18 26	1 22	27 36	4 19	22 50	22 40	24 9		n.a.
S 22	17 30	11 0	3 5	9 49	1 17	26 4	2 13	11 25	0 7	5 58	1 3	3 43	2 27	18 0	0 46	18 26	1 21	27 36	4 19	22 50	22 40	24 10		n.a.
M23	17 48	5 41	3 55	10 25	1 9	26 4	2 12	11 42	0 6	6 3	1 3	3 41	2 27	17 59	0 46	18 26	1 21	27 36	4 19	22 50	22 41	24 11		n.a.
T 24	18 5	0 15	4 32	11 2	1 2	26 3	2 12	11 58	0 5	6 8	1 3	3 39	2 27	17 59	0 46	18 26	1 21	27 37	4 19	22 50	22 41	24 12		n.a.
W25	18 21	5s 4	4 55	11 39	0 54	26 0	2 11	12 15	0 5	6 12	1 3	3 37	2 28	17 59	0 46	18 25	1 21	27 37	4 19	22 51	22 41	24 13		n.a.
T 26	18 37	10 8	5 5	12 15	0 46	25 58	2 10	12 31	0 4	6 17	1 3	3 36	2 28	17 58	0 46	18 25	1 21	27 37	4 19	22 52	22 42	24 14		n.a.
F 27	18 53	14 45	5 1	12 51	0 39	25 54	2 9	12 47	0 3	6 22	1 3	3 34	2 28	17 58	0 46	18 25	1 21	27 37	4 19	22 54	22 42	24 15		n.a.
S 28	19 9	18 46	4 44	13 27	0 31	25 50	2 8	13 3	0 3	6 27	1 3	3 32	2 28	17 58	0 46	18 25	1 21	27 37	4 19	22 55	22 43	24 16		n.a.
S 29	19 24	22 0	4 14	14 3	0 24	25 45	2 7	13 19	0 2	6 31	1 3	3 30	2 28	17 57	0 46	18 24	1 21	27 38	4 19	22 56	22 43	24 17		n.a.
M30	19s39	24s17	3s34	14s39	0n17	25s39	2s 6	13s35	0n 1	6s36	1n 3	3n29	2n29	17s57	0s46	18s24	1s21	27s38	4s19	22s57	22s43	24s17		n.a.

Julian Day Number = 1197593.5, Delta T = 09h25m49s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'51, Lahiri = -23°44'50 Julian Calendar 1 Nov. 1435 BCE == Greg. Calendar 19 Oct. 1435 BCE

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ASTRODIENST EPHEMERIS for the year 1435 BCE
geocentric

DECEMBER 1435 BCE (-1434) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 47 8	27♏14'14	13♐12	10♏58	10♑14	6♏19	19♎12	27♍ 5	13♒ 1	13♒22	18♐13	15°R19	17♑14	0♐40	n.a.	T 1
W 2	3 51 5	28°15'31	25° 2	12°26	11°25	7° 4	19°24	27°10	13° 3	13°23	18°15	15♑14	17°11	0°46	n.a.	W 2
T 3	3 55 1	29°16'48	6♑54	13°56	12°35	7°49	19°36	27°14	13° 4	13°24	18°16	15°12	17° 7	0°53	n.a.	T 3
F 4	3 58 58	0♐18'03	18°52	15°26	13°44	8°34	19°48	27°18	13° 6	13°24	18°18	15°D11	17° 4	1° 0	n.a.	F 4
S 5	4 2 54	1°19'18	0♒59	16°56	14°54	9°19	20° 0	27°23	13° 7	13°25	18°20	15°12	17° 1	1° 6	n.a.	S 5
S 6	4 6 51	2°20'31	13°20	18°27	16° 4	10° 4	20°11	27°27	13° 9	13°26	18°22	15°14	16°58	1°13	n.a.	S 6
M 7	4 10 47	3°21'44	25°59	19°59	17°13	10°49	20°23	27°31	13°10	13°27	18°24	15°15	16°55	1°20	n.a.	M 7
T 8	4 14 44	4°22'56	9♓ 1	21°31	18°23	11°35	20°34	27°35	13°12	13°28	18°26	15°R15	16°51	1°26	n.a.	T 8
W 9	4 18 41	5°24'06	22°28	23° 3	19°32	12°20	20°46	27°39	13°14	13°29	18°27	15°14	16°48	1°33	n.a.	W 9
T 10	4 22 37	6°25'15	6♈24	24°36	20°41	13° 5	20°57	27°43	13°15	13°31	18°29	15°11	16°45	1°40	n.a.	T 10
F 11	4 26 34	7°26'24	20°48	26°10	21°49	13°50	21° 8	27°47	13°17	13°32	18°31	15° 6	16°42	1°47	n.a.	F 11
S 12	4 30 30	8°27'31	5♉37	27°44	22°58	14°36	21°20	27°51	13°19	13°33	18°33	15° 0	16°39	1°53	n.a.	S 12
S 13	4 34 27	9°28'37	20°45	29°19	24° 7	15°21	21°31	27°54	13°21	13°34	18°35	14°55	16°36	2° 0	n.a.	S 13
M14	4 38 23	10°29'42	6♊ 2	0♐54	25°15	16° 7	21°42	27°58	13°23	13°35	18°37	14°50	16°32	2° 7	n.a.	M14
T 15	4 42 20	11°30'46	21°18	2°30	26°23	16°52	21°53	28° 2	13°25	13°37	18°39	14°47	16°29	2°13	n.a.	T 15
W16	4 46 16	12°31'49	6♋22	4° 7	27°31	17°38	22° 4	28° 5	13°27	13°38	18°41	14°45	16°26	2°20	n.a.	W16
T 17	4 50 13	13°32'51	21° 6	5°44	28°38	18°23	22°15	28° 8	13°29	13°39	18°43	14°D45	16°23	2°27	n.a.	T 17
F 18	4 54 10	14°33'52	5♌24	7°22	29°46	19° 9	22°25	28°12	13°31	13°40	18°44	14°46	16°20	2°33	n.a.	F 18
S 19	4 58 6	15°34'52	19°15	9° 0	0♒53	19°54	22°36	28°15	13°33	13°42	18°46	14°47	16°17	2°40	n.a.	S 19
S 20	5 2 3	16°35'51	2♍38	10°39	2° 0	20°40	22°46	28°18	13°35	13°43	18°48	14°49	16°13	2°47	n.a.	S 20
M21	5 5 59	17°36'49	15°37	12°19	3° 7	21°25	22°57	28°21	13°37	13°45	18°50	14°R50	16°10	2°53	n.a.	M21
T 22	5 9 56	18°37'47	28°14	13°59	4°13	22°11	23° 7	28°24	13°40	13°46	18°52	14°49	16° 7	3° 0	n.a.	T 22
W23	5 13 52	19°38'43	10♎34	15°40	5°20	22°57	23°17	28°26	13°42	13°48	18°54	14°48	16° 4	3° 7	n.a.	W23
T 24	5 17 49	20°39'38	22°41	17°22	6°26	23°43	23°27	28°29	13°44	13°49	18°56	14°45	16° 1	3°13	n.a.	T 24
F 25	5 21 46	21°40'32	4♏39	19° 5	7°32	24°28	23°37	28°32	13°47	13°51	18°58	14°41	15°57	3°20	n.a.	F 25
S 26	5 25 42	22°41'25	16°31	20°48	8°37	25°14	23°47	28°34	13°49	13°52	19° 0	14°37	15°54	3°27	n.a.	S 26
S 27	5 29 39	23°42'16	28°21	22°32	9°42	26° 0	23°57	28°37	13°51	13°54	19° 1	14°33	15°51	3°33	n.a.	S 27
M28	5 33 35	24°43'07	10♐10	24°17	10°47	26°46	24° 7	28°39	13°54	13°55	19° 3	14°30	15°48	3°40	n.a.	M28
T 29	5 37 32	25°43'55	22° 1	26° 3	11°52	27°32	24°16	28°41	13°56	13°57	19° 5	14°28	15°45	3°47	n.a.	T 29
W30	5 41 28	26°44'43	3♑56	27°49	12°57	28°18	24°26	28°43	13°59	13°59	19° 7	14°26	15°42	3°54	n.a.	W30
T 31	5 45 25	27♐45'29	15♑56	29♐36	14♒ 1	29♏ 3	24♎35	28♍45	14♒ 1	14♒ 0	19♐ 9	14°D26	15♑38	4♐ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	19s53	25s30	2s44	15s14	0n 9	25s32	2s 5	13s51	0n 1	6s40	1n 3	3n27	2n29	17s56	0s46	18s24	1s21	27s38	4s19	22s58	22s44	24s18			n.a.
W 2	20 7	25 33	1 47	15 48	0 2	25 25	2 4	14 7	0s 0	6 45	1 3	3 25	2 29	17 56	0 46	18 24	1 21	27 38	4 19	22 59	22 44	24 19			n.a.
T 3	20 21	24 26	0 45	16 23	0s 5	25 17	2 2	14 22	0 1	6 50	1 3	3 24	2 29	17 56	0 46	18 23	1 21	27 38	4 19	22 59	22 45	24 20			n.a.
F 4	20 34	22 11	0n20	16 56	0 12	25 8	2 0	14 38	0 1	6 54	1 3	3 22	2 30	17 55	0 46	18 23	1 21	27 39	4 19	22 59	22 45	24 21			n.a.
S 5	20 47	18 55	1 25	17 29	0 19	24 59	1 59	14 53	0 2	6 58	1 3	3 21	2 30	17 55	0 46	18 23	1 21	27 39	4 19	22 59	22 46	24 22			n.a.
S 6	21 0	14 46	2 27	18 2	0 25	24 49	1 57	15 8	0 3	7 3	1 3	3 19	2 30	17 54	0 46	18 22	1 21	27 39	4 19	22 59	22 46	24 23			n.a.
M 7	21 12	9 54	3 23	18 34	0 32	24 38	1 55	15 24	0 4	7 7	1 3	3 18	2 30	17 54	0 46	18 22	1 21	27 39	4 19	22 58	22 46	24 23			n.a.
T 8	21 24	4 28	4 11	19 5	0 38	24 26	1 53	15 39	0 4	7 12	1 4	3 16	2 30	17 53	0 46	18 22	1 21	27 39	4 19	22 58	22 47	24 24			n.a.
W 9	21 35	1n20	4 47	19 35	0 45	24 14	1 50	15 53	0 5	7 16	1 4	3 15	2 31	17 53	0 46	18 21	1 21	27 40	4 20	22 59	22 47	24 25			n.a.
T 10	21 46	7 16	5 7	20 5	0 51	24 1	1 48	16 8	0 6	7 20	1 4	3 13	2 31	17 52	0 46	18 21	1 21	27 40	4 20	22 59	22 48	24 26			n.a.
F 11	21 56	13 1	5 9	20 33	0 57	23 48	1 46	16 23	0 6	7 25	1 4	3 12	2 31	17 51	0 46	18 21	1 21	27 40	4 20	23 0	22 48	24 27			n.a.
S 12	22 6	18 11	4 51	21 1	1 2	23 34	1 43	16 37	0 7	7 29	1 4	3 11	2 31	17 51	0 46	18 20	1 21	27 40	4 20	23 0	22 48	24 27			n.a.
S 13	22 16	22 19	4 13	21 28	1 8	23 19	1 40	16 51	0 8	7 33	1 4	3 9	2 32	17 50	0 46	18 20	1 21	27 41	4 20	23 1	22 49	24 28			n.a.
M14	22 25	24 54	3 16	21 54	1 13	23 4	1 38	17 5	0 9	7 37	1 4	3 8	2 32	17 50	0 46	18 20	1 21	27 41	4 20	23 1	22 49	24 29			n.a.
T 15	22 34	25 39	2 5	22 19	1 18	22 48	1 35	17 19	0 9	7 41	1 4	3 7	2 32	17 49	0 46	18 19	1 21	27 41	4 20	23 2	22 50	24 30			n.a.
W16	22 42	24 28	0 46	22 42	1 23	22 31	1 32	17 33	0 10	7 45	1 4	3 6	2 32	17 49	0 46	18 19	1 21	27 41	4 20	23 2	22 50	24 30			n.a.
T 17	22 50	21 36	0s35	23 5	1 28	22 14	1 28	17 47	0 11	7 49	1 4	3 5	2 33	17 48	0 46	18 18	1 21	27 41	4 20	23 2	22 50	24 31			n.a.
F 18	22 57	17 28	1 51	23 26	1 32	21 57	1 25	18 0	0 12	7 53	1 4	3 4	2 33	17 47	0 46	18 18	1 21	27 42	4 20	23 2	22 51	24 32			n.a.
S 19	23 4	12 30	2 58	23 47	1 36	21 39	1 22	18 13	0 12	7 57	1 4	3 3	2 33	17 47	0 46	18 17	1 21	27 42	4 20	23 2	22 51	24 33			n.a.
S 20	23 11	7 6	3 53	24 5	1 40	21 20	1 18	18 27	0 13	8 1	1 4	3 2	2 33	17 46	0 45	18 17	1 21	27 42	4 20	23 1	22 52	24 33			n.a.
M21	23 17	1 34	4 34	24 23	1 44	21 1	1 15	18 40	0 14	8 5	1 4	3 1	2 34	17 45	0 45	18 17	1 21	27 42	4 20	23 1	22 52	24 34			n.a.
T 22	23 22	3s53	5 1	24 39	1 47	20 41	1 11	18 52	0 14	8 9	1 4	3 0	2 34	17 45	0 45	18 16	1 20	27 43	4 20	23 1	22 52	24 35			n.a.
W23	23 27	9 2	5 13	24 54	1 50	20 21	1 7	19 5	0 15	8 12	1 4	2 59	2 34	17 44	0 45	18 16	1 20	27 43	4 20	23 2	22 53	24 36			n.a.
T 24	23 32	13 46	5 11	25 7	1 52	20 1	1 3	19 17	0 16	8 16	1 5	2 58	2 34	17 43	0 45	18 15	1 20	27 43	4 20	23 2	22 53	24 36			n.a.
F 25	23 36	17 55	4 55	25 19	1 55	19 40	0 59	19 30	0 17	8 20	1 5	2 57	2 35	17 42	0 45	18 15	1 20	27 43	4 21	23 2	22 53	24 37			n.a.
S 26	23 39	21 20	4 27	25 28	1 56	19 18	0 55	19 42	0 17	8 23	1 5	2 56	2 35	17 42	0 45	18 14	1 20	27 44	4 21	23 3	22 54	24 38			n.a.
S 27	23 43	23 50	3 47	25 37	1 58	18 56	0 50	19 53	0 18	8 27	1 5	2 56	2 35	17 41	0 45	18 14	1 20	27 44	4 21	23 3	22 54	24 38			n.a.
M28	23 45	25 18	2 58	25 43	1 59	18 34	0 46	20 5	0 19	8 31	1 5	2 55	2 35	17 40	0 45	18 13	1 20	27 44	4 21	23 4	22 55	24 39			n.a.
T 29	23 48	25 38	2 1	25 48	1 59	18 11	0 41	20 16	0 20	8 34	1 5	2 54	2 36	17 39	0 45	18 13	1 20	27 44	4 21	23 4	22 55	24 40			n.a.
W30	23 49	24 46	0 58	25 50	2 0	17 48	0 36	20 28	0 20	8 38	1 5	2 54	2 36	17 39	0 45	18 12	1 20	27 45	4 21	23 4	22 55	24 40			n.a.
T 31	23s51	22s45	0n 8	25s51	1s59	17s25	0s31	20s39	0s21	8s41	1n 5	2n53	2n36	17s38	0s45	18s12	1s20	27s45	4s21	23s 4	22s56	24s41			n.a.

Julian Day Number = 1197623.5, Delta T = 09h25m47s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'47, Lahiri = -23°44'46 Julian Calendar 1 Dec. 1435 BCE == Greg. Calendar 18 Nov. 1435 BCE

The year -1434 astronomical counting style corresponds to year 1435 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

JANUARY 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 49 21	28♐46'13	28♉ 5	1♉24	15♒ 5	29♏49	24♎44	28♍47	14♒ 4	14♒ 2	19♐11	14♉27	15♉35	4♐ 7	n.a.	F 1
S 2	5 53 18	29°46'55	10♒23	3°13	16° 8	0♐35	24°53	28°49	14° 7	14° 4	19°13	14°28	15°32	4°14	n.a.	S 2
S 3	5 57 15	0♉47'35	22°54	5° 2	17°11	1°21	25° 2	28°51	14° 9	14° 6	19°15	14°29	15°29	4°20	n.a.	S 3
M 4	6 1 11	1°48'14	5♓39	6°51	18°14	2° 7	25°11	28°52	14°12	14° 7	19°17	14°30	15°26	4°27	n.a.	M 4
T 5	6 5 8	2°48'51	18°42	8°41	19°16	2°53	25°20	28°54	14°15	14° 9	19°18	14°31	15°22	4°34	n.a.	T 5
W 6	6 9 4	3°49'25	2♈ 6	10°32	20°18	3°39	25°29	28°55	14°18	14°11	19°20	14°R31	15°19	4°40	n.a.	W 6
T 7	6 13 1	4°49'58	15°51	12°23	21°20	4°26	25°37	28°57	14°20	14°13	19°22	14°31	15°16	4°47	n.a.	T 7
F 8	6 16 57	5°50'28	29°59	14°14	22°21	5°12	25°46	28°58	14°23	14°15	19°24	14°31	15°13	4°54	n.a.	F 8
S 9	6 20 54	6°50'57	14♉28	16° 5	23°22	5°58	25°54	28°59	14°26	14°17	19°26	14°30	15°10	5° 0	n.a.	S 9
S 10	6 24 50	7°51'23	29°15	17°56	24°23	6°44	26° 2	29° 0	14°29	14°18	19°28	14°29	15° 7	5° 7	n.a.	S 10
M11	6 28 47	8°51'48	14♊13	19°46	25°23	7°30	26°10	29° 1	14°32	14°20	19°29	14°28	15° 3	5°14	n.a.	M11
T 12	6 32 44	9°52'11	29°15	21°36	26°22	8°16	26°18	29° 2	14°35	14°22	19°31	14°28	15° 0	5°20	n.a.	T 12
W13	6 36 40	10°52'31	14♋12	23°24	27°21	9° 2	26°25	29° 3	14°38	14°24	19°33	14°D28	14°57	5°27	n.a.	W13
T 14	6 40 37	11°52'50	28°56	25°12	28°20	9°49	26°33	29° 3	14°41	14°26	19°35	14°28	14°54	5°34	n.a.	T 14
F 15	6 44 33	12°53'07	13♌19	26°57	29°18	10°35	26°40	29° 4	14°44	14°28	19°37	14°28	14°51	5°40	n.a.	F 15
S 16	6 48 30	13°53'22	27°19	28°40	0♓15	11°21	26°48	29° 4	14°47	14°30	19°38	14°28	14°48	5°47	n.a.	S 16
S 17	6 52 26	14°53'35	10♍52	0♒21	1°12	12° 7	26°55	29° 4	14°50	14°32	19°40	14°R28	14°44	5°54	n.a.	S 17
M18	6 56 23	15°53'46	23°59	1°58	2° 8	12°53	27° 2	29° 5	14°53	14°34	19°42	14°28	14°41	6° 0	n.a.	M18
T 19	7 0 19	16°53'56	6♎43	3°32	3° 4	13°40	27° 9	29° 5	14°56	14°36	19°44	14°28	14°38	6° 7	n.a.	T 19
W20	7 4 16	17°54'04	19° 7	5° 1	3°59	14°26	27°15	29°R 5	14°59	14°38	19°45	14°D28	14°35	6°14	n.a.	W20
T 21	7 8 13	18°54'11	1♏15	6°26	4°54	15°12	27°22	29° 5	15° 2	14°40	19°47	14°28	14°32	6°20	n.a.	T 21
F 22	7 12 9	19°54'15	13°12	7°45	5°48	15°59	27°28	29° 5	15° 5	14°43	19°49	14°28	14°28	6°27	n.a.	F 22
S 23	7 16 6	20°54'18	25° 3	8°58	6°41	16°45	27°35	29° 4	15° 8	14°45	19°50	14°29	14°25	6°34	n.a.	S 23
S 24	7 20 2	21°54'19	6♐51	10° 4	7°34	17°31	27°41	29° 4	15°12	14°47	19°52	14°30	14°22	6°40	n.a.	S 24
M25	7 23 59	22°54'18	18°41	11° 3	8°26	18°18	27°47	29° 3	15°15	14°49	19°54	14°31	14°19	6°47	n.a.	M25
T 26	7 27 55	23°54'15	0♉36	11°54	9°17	19° 4	27°53	29° 3	15°18	14°51	19°55	14°31	14°16	6°54	n.a.	T 26
W27	7 31 52	24°54'10	12°38	12°37	10° 7	19°50	27°58	29° 2	15°21	14°53	19°57	14°R32	14°13	7° 1	n.a.	W27
T 28	7 35 48	25°54'04	24°51	13°12	10°57	20°37	28° 4	29° 1	15°25	14°55	19°59	14°31	14° 9	7° 7	n.a.	T 28
F 29	7 39 45	26°53'55	7♒14	13°38	11°46	21°23	28° 9	29° 0	15°28	14°58	20° 0	14°31	14° 6	7°14	n.a.	F 29
S 30	7 43 42	27°53'43	19°50	13°55	12°33	22°10	28°14	29° 0	15°31	15° 0	20° 2	14°29	14° 3	7°21	n.a.	S 30
S 31	7 47 38	28♉53'30	2♓40	14°R 4	13♓20	22♐56	28♎19	28♍58	15♒34	15♒ 2	20♐ 3	14♉27	14♉ 0	7♐27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s51	19s41	1n15	25s50	1s59	17s 1	0s27	20s50	0s22	8s44	1n 5	2n52	2n36	17s37	0s45	18s11	1s20	27s45	4s21	23s 4	22s56	24s42		n.a.
S 2	23 52	15 43	2 19	25 47	1 57	16 37	0 21	21 0	0 23	8 48	1 5	2 52	2 37	17 36	0 45	18 11	1 20	27 45	4 21	23 4	22 56	24 42		n.a.
S 3	23 52	11 1	3 17	25 41	1 55	16 13	0 16	21 11	0 23	8 51	1 5	2 51	2 37	17 36	0 45	18 10	1 20	27 46	4 21	23 4	22 57	24 43		n.a.
M 4	23 51	5 47	4 7	25 34	1 53	15 48	0 11	21 21	0 24	8 54	1 6	2 51	2 37	17 35	0 45	18 10	1 20	27 46	4 22	23 4	22 57	24 44		n.a.
T 5	23 50	0 10	4 46	25 24	1 50	15 23	0 5	21 31	0 25	8 57	1 6	2 51	2 37	17 34	0 45	18 9	1 20	27 46	4 22	23 3	22 58	24 44		n.a.
W 6	23 48	5n34	5 10	25 12	1 46	14 58	0n 0	21 41	0 26	9 0	1 6	2 50	2 38	17 33	0 45	18 8	1 20	27 46	4 22	23 3	22 58	24 45		n.a.
T 7	23 46	11 12	5 17	24 58	1 42	14 33	0 6	21 50	0 26	9 3	1 6	2 50	2 38	17 32	0 45	18 8	1 20	27 47	4 22	23 3	22 58	24 45		n.a.
F 8	23 44	16 25	5 6	24 42	1 37	14 7	0 12	21 59	0 27	9 6	1 6	2 50	2 38	17 31	0 45	18 7	1 20	27 47	4 22	23 3	22 59	24 46		n.a.
S 9	23 41	20 50	4 35	24 23	1 31	13 42	0 17	22 8	0 28	9 9	1 6	2 50	2 38	17 30	0 45	18 7	1 20	27 47	4 22	23 4	22 59	24 47		n.a.
S 10	23 38	24 1	3 46	24 3	1 25	13 16	0 23	22 17	0 29	9 12	1 6	2 49	2 39	17 30	0 45	18 6	1 20	27 48	4 22	23 4	22 59	24 47		n.a.
M11	23 34	25 34	2 40	23 40	1 18	12 50	0 30	22 26	0 29	9 15	1 6	2 49	2 39	17 29	0 45	18 6	1 20	27 48	4 22	23 4	23 0	24 48		n.a.
T 12	23 29	25 15	1 24	23 15	1 10	12 23	0 36	22 34	0 30	9 18	1 6	2 49	2 39	17 28	0 45	18 5	1 20	27 48	4 22	23 4	23 0	24 48		n.a.
W13	23 25	23 7	0 1	22 49	1 2	11 57	0 42	22 42	0 31	9 21	1 6	2 49	2 40	17 27	0 45	18 4	1 20	27 48	4 23	23 4	23 1	24 49		n.a.
T 14	23 19	19 26	1s20	22 20	0 53	11 30	0 49	22 50	0 32	9 23	1 7	2 49	2 40	17 26	0 45	18 4	1 20	27 49	4 23	23 4	23 1	24 49		n.a.
F 15	23 14	14 40	2 34	21 50	0 43	11 4	0 55	22 58	0 32	9 26	1 7	2 49	2 40	17 25	0 45	18 3	1 20	27 49	4 23	23 4	23 1	24 50		n.a.
S 16	23 7	9 14	3 36	21 18	0 32	10 37	1 2	23 5	0 33	9 28	1 7	2 49	2 40	17 24	0 45	18 3	1 20	27 49	4 23	23 4	23 2	24 51		n.a.
S 17	23 1	3 33	4 25	20 46	0 20	10 10	1 9	23 12	0 34	9 31	1 7	2 49	2 41	17 23	0 45	18 2	1 20	27 49	4 23	23 4	23 2	24 51		n.a.
M18	22 54	2s 7	4 58	20 12	0 8	9 44	1 15	23 19	0 35	9 33	1 7	2 50	2 41	17 22	0 45	18 1	1 20	27 50	4 23	23 4	23 2	24 52		n.a.
T 19	22 46	7 31	5 15	19 38	0n 5	9 17	1 22	23 26	0 35	9 36	1 7	2 50	2 41	17 21	0 45	18 1	1 20	27 50	4 23	23 4	23 3	24 52		n.a.
W20	22 39	12 29	5 17	19 3	0 18	8 50	1 30	23 32	0 36	9 38	1 7	2 50	2 41	17 20	0 45	18 0	1 20	27 50	4 23	23 4	23 3	24 53		n.a.
T 21	22 30	16 51	5 4	18 29	0 32	8 23	1 37	23 38	0 37	9 40	1 7	2 50	2 42	17 19	0 45	17 59	1 20	27 50	4 24	23 4	23 3	24 53		n.a.
F 22	22 21	20 30	4 39	17 54	0 47	7 56	1 44	23 44	0 38	9 43	1 7	2 51	2 42	17 19	0 45	17 59	1 20	27 51	4 24	23 4	23 4	24 54		n.a.
S 23	22 12	23 16	4 2	17 21	1 1	7 30	1 51	23 50	0 38	9 45	1 8	2 51	2 42	17 18	0 45	17 58	1 20	27 51	4 24	23 4	23 4	24 54		n.a.
S 24	22 3	25 2	3 14	16 49	1 16	7 3	1 59	23 55	0 39	9 47	1 8	2 51	2 42	17 17	0 45	17 58	1 20	27 51	4 24	23 4	23 4	24 55		n.a.
M25	21 53	25 40	2 19	16 18	1 32	6 36	2 6	24 0	0 40	9 49	1 8	2 52	2 43	17 16	0 45	17 57	1 20	27 52	4 24	23 3	23 5	24 55		n.a.
T 26	21 42	25 8	1 17	15 49	1 47	6 10	2 14	24 5	0 41	9 51	1 8	2 52	2 43	17 15	0 45	17 56	1 20	27 52	4 24	23 3	23 5	24 56		n.a.
W27	21 32	23 25	0 10	15 22	2 2	5 43	2 22	24 9	0 41	9 53	1 8	2 53	2 43	17 14	0 45	17 56	1 20	27 52	4 24	23 3	23 5	24 56		n.a.
T 28	21 20	20 36	0n57	14 58	2 17	5 17	2 30	24 13	0 42	9 55	1 8	2 53	2 44	17 13	0 45	17 55	1 20	27 52	4 25	23 3	23 6	24 57		n.a.
F 29	21 9	16 49	2 3	14 37	2 31	4 51	2 38	24 17	0 43	9 57	1 8	2 54	2 44	17 12	0 45	17 54	1 20	27 53	4 25	23 3	23 6	24 57		n.a.
S 30	20 57	12 14	3 3	14 19	2 45	4 25	2 46	24 21	0 43	9 58	1 8	2 54	2 44	17 11	0 45	17 54	1 20	27 53	4 25	23 4	23 6	24 57		n.a.
S 31	20s45	7s 3	3n56	14s 4	2n57	4s 0	2n54	24s24	0s44	10s 0	1n 9	2n55	2n44	17s10	0s45	17s53	1s20	27s53	4s25	23s 4	23s 7	24s58		n.a.

Julian Day Number = 1197654.5, Delta T = 09h25m46s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'42, Lahiri = -23°44'42 Julian Calendar 1 Jan. 1434 BCE == Greg. Calendar 19 Dec. 1435 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

FEBRUARY 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 51 35	29♉53'14	15♓42	14°R 4	14♓ 7	23♐42	28♎24	28°R57	15♒38	15♒ 4	20♐ 5	14°R25	13♉57	7♐34	n.a.	M 1
T 2	7 55 31	0♒52'56	28°59	13♒55	14°52	24°29	28°29	28♍56	15°41	15° 6	20° 6	14♉23	13°54	7°41	n.a.	T 2
W 3	7 59 28	1°52'35	12♈31	13°38	15°36	25°15	28°33	28°55	15°44	15° 9	20° 8	14°21	13°50	7°47	n.a.	W 3
T 4	8 3 24	2°52'12	26°16	13°13	16°19	26° 2	28°37	28°53	15°48	15°11	20° 9	14°20	13°47	7°54	n.a.	T 4
F 5	8 7 21	3°51'46	10♉16	12°42	17° 1	26°48	28°42	28°52	15°51	15°13	20°11	14°D20	13°44	8° 1	n.a.	F 5
S 6	8 11 17	4°51'18	24°29	12° 4	17°42	27°34	28°46	28°50	15°54	15°15	20°12	14°21	13°41	8° 7	n.a.	S 6
S 7	8 15 14	5°50'48	8♊53	11°20	18°21	28°21	28°49	28°48	15°58	15°17	20°14	14°22	13°38	8°14	n.a.	S 7
M 8	8 19 10	6°50'15	23°25	10°32	19° 0	29° 7	28°53	28°46	16° 1	15°20	20°15	14°24	13°34	8°21	n.a.	M 8
T 9	8 23 7	7°49'40	8♋ 0	9°41	19°37	29°54	28°56	28°44	16° 4	15°22	20°17	14°R25	13°31	8°27	n.a.	T 9
W10	8 27 4	8°49'02	22°35	8°48	20°13	0♉40	29° 0	28°42	16° 8	15°24	20°18	14°25	13°28	8°34	n.a.	W10
T 11	8 31 0	9°48'22	7♌ 1	7°54	20°47	1°27	29° 3	28°40	16°11	15°26	20°19	14°23	13°25	8°41	n.a.	T 11
F 12	8 34 57	10°47'39	21°14	7° 0	21°20	2°13	29° 6	28°38	16°15	15°29	20°21	14°21	13°22	8°47	n.a.	F 12
S 13	8 38 53	11°46'55	5♍ 9	6° 7	21°52	2°59	29° 8	28°36	16°18	15°31	20°22	14°17	13°19	8°54	n.a.	S 13
S 14	8 42 50	12°46'08	18°43	5°17	22°22	3°46	29°11	28°34	16°21	15°33	20°23	14°12	13°15	9° 1	n.a.	S 14
M15	8 46 46	13°45'20	1♎53	4°30	22°50	4°32	29°13	28°31	16°25	15°36	20°25	14° 8	13°12	9° 7	n.a.	M15
T 16	8 50 43	14°44'29	14°41	3°46	23°17	5°19	29°16	28°29	16°28	15°38	20°26	14° 4	13° 9	9°14	n.a.	T 16
W17	8 54 39	15°43'36	27° 9	3° 7	23°42	6° 5	29°18	28°26	16°32	15°40	20°27	14° 1	13° 6	9°21	n.a.	W17
T 18	8 58 36	16°42'42	9♏19	2°33	24° 5	6°51	29°19	28°23	16°35	15°42	20°28	13°59	13° 3	9°27	n.a.	T 18
F 19	9 2 33	17°41'46	21°18	2° 4	24°27	7°38	29°21	28°21	16°39	15°45	20°30	13°D59	13° 0	9°34	n.a.	F 19
S 20	9 6 29	18°40'47	3♐ 9	1°41	24°46	8°24	29°23	28°18	16°42	15°47	20°31	14° 0	12°56	9°41	n.a.	S 20
S 21	9 10 26	19°39'47	14°58	1°23	25° 4	9°10	29°24	28°15	16°45	15°49	20°32	14° 2	12°53	9°47	n.a.	S 21
M22	9 14 22	20°38'45	26°50	1°11	25°20	9°57	29°25	28°12	16°49	15°51	20°33	14° 3	12°50	9°54	n.a.	M22
T 23	9 18 19	21°37'41	8♑48	1° 5	25°33	10°43	29°26	28° 9	16°52	15°54	20°34	14°R 4	12°47	10° 1	n.a.	T 23
W24	9 22 15	22°36'35	20°58	1°D 4	25°45	11°30	29°27	28° 6	16°56	15°56	20°35	14° 4	12°44	10° 7	n.a.	W24
T 25	9 26 12	23°35'27	3♒22	1° 9	25°54	12°16	29°27	28° 2	16°59	15°58	20°36	14° 3	12°40	10°14	n.a.	T 25
F 26	9 30 8	24°34'17	16° 1	1°19	26° 1	13° 2	29°27	27°59	17° 2	16° 0	20°37	13°59	12°37	10°21	n.a.	F 26
S 27	9 34 5	25°33'04	28°58	1°34	26° 6	13°48	29°R28	27°56	17° 6	16° 3	20°38	13°53	12°34	10°27	n.a.	S 27
S 28	9 38 1	26♒31'50	12♓10	1♒54	26♓ 9	14♉35	29♎27	27♍52	17♒ 9	16♒ 5	20♐39	13♉47	12♉31	10♐34	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s32	1s29	4n37	13s53	3n 9	3s34	3n 2	24s28	0s45	10s 2	1n 9	2n56	2n45	17s 9	0s45	17s52	1s20	27s54	4s25	23s 4	23s 7	24s58		n.a.
T 2	20 19	4n14	5 5	13 45	3 20	3 9	3 10	24 30	0 46	10 3	1 9	2 57	2 45	17 8	0 45	17 52	1 20	27 54	4 25	23 4	23 7	24 59		n.a.
W 3	20 6	9 51	5 16	13 41	3 30	2 44	3 18	24 33	0 46	10 5	1 9	2 57	2 45	17 7	0 45	17 51	1 20	27 54	4 25	23 5	23 8	24 59		n.a.
T 4	19 52	15 6	5 9	13 40	3 37	2 20	3 27	24 35	0 47	10 6	1 9	2 58	2 45	17 6	0 45	17 50	1 20	27 54	4 26	23 5	23 8	25 0		n.a.
F 5	19 38	19 38	4 44	13 43	3 44	1 55	3 35	24 37	0 48	10 8	1 9	2 59	2 46	17 5	0 45	17 50	1 20	27 55	4 26	23 5	23 8	25 0		n.a.
S 6	19 23	23 7	4 2	13 50	3 48	1 31	3 44	24 39	0 49	10 9	1 9	3 0	2 46	17 4	0 45	17 49	1 20	27 55	4 26	23 5	23 9	25 0		n.a.
S 7	19 9	25 12	3 4	13 59	3 51	1 8	3 52	24 41	0 49	10 10	1 9	3 1	2 46	17 2	0 45	17 48	1 20	27 55	4 26	23 4	23 9	25 1		n.a.
M 8	18 54	25 35	1 53	14 11	3 52	0 45	4 1	24 42	0 50	10 11	1 10	3 2	2 46	17 1	0 45	17 48	1 20	27 55	4 26	23 4	23 9	25 1		n.a.
T 9	18 38	24 12	0 35	14 26	3 51	0 22	4 10	24 43	0 51	10 12	1 10	3 3	2 46	17 0	0 45	17 47	1 20	27 56	4 26	23 4	23 10	25 2		n.a.
W10	18 22	21 12	0s45	14 43	3 48	0n 0	4 18	24 43	0 51	10 13	1 10	3 4	2 47	16 59	0 45	17 46	1 20	27 56	4 27	23 4	23 10	25 2		n.a.
T 11	18 6	16 54	2 1	15 2	3 43	0 22	4 27	24 44	0 52	10 14	1 10	3 5	2 47	16 58	0 45	17 46	1 20	27 56	4 27	23 4	23 10	25 2		n.a.
F 12	17 50	11 42	3 9	15 22	3 36	0 43	4 36	24 44	0 53	10 15	1 10	3 6	2 47	16 57	0 45	17 45	1 20	27 57	4 27	23 5	23 11	25 3		n.a.
S 13	17 34	6 1	4 3	15 43	3 28	1 3	4 44	24 43	0 54	10 16	1 10	3 7	2 47	16 56	0 45	17 44	1 20	27 57	4 27	23 5	23 11	25 3		n.a.
S 14	17 17	0 13	4 43	16 5	3 18	1 23	4 53	24 43	0 54	10 17	1 10	3 8	2 48	16 55	0 45	17 44	1 20	27 57	4 27	23 5	23 11	25 3		n.a.
M15	16 59	5s25	5 6	16 27	3 7	1 43	5 2	24 42	0 55	10 18	1 10	3 9	2 48	16 54	0 45	17 43	1 20	27 57	4 28	23 6	23 12	25 4		n.a.
T 16	16 42	10 41	5 13	16 50	2 55	2 2	5 10	24 41	0 56	10 18	1 11	3 11	2 48	16 53	0 45	17 42	1 20	27 58	4 28	23 6	23 12	25 4		n.a.
W17	16 24	15 22	5 5	17 11	2 41	2 19	5 19	24 40	0 56	10 19	1 11	3 12	2 48	16 52	0 45	17 41	1 20	27 58	4 28	23 7	23 12	25 4		n.a.
T 18	16 6	19 19	4 43	17 33	2 28	2 37	5 28	24 38	0 57	10 20	1 11	3 13	2 48	16 51	0 45	17 41	1 20	27 58	4 28	23 7	23 13	25 5		n.a.
F 19	15 48	22 24	4 9	17 53	2 13	2 53	5 36	24 36	0 58	10 20	1 11	3 14	2 49	16 50	0 45	17 40	1 20	27 58	4 28	23 7	23 13	25 5		n.a.
S 20	15 30	24 31	3 25	18 12	1 59	3 9	5 45	24 34	0 58	10 20	1 11	3 16	2 49	16 49	0 45	17 39	1 20	27 59	4 28	23 7	23 13	25 5		n.a.
S 21	15 11	25 31	2 32	18 31	1 44	3 24	5 53	24 31	0 59	10 21	1 11	3 17	2 49	16 48	0 45	17 39	1 20	27 59	4 29	23 7	23 14	25 6		n.a.
M22	14 52	25 22	1 33	18 48	1 29	3 38	6 2	24 29	1 0	10 21	1 11	3 18	2 49	16 47	0 45	17 38	1 20	27 59	4 29	23 6	23 14	25 6		n.a.
T 23	14 33	24 3	0 29	19 4	1 14	3 51	6 10	24 26	1 0	10 21	1 11	3 20	2 49	16 46	0 45	17 37	1 20	28 0	4 29	23 6	23 14	25 6		n.a.
W24	14 13	21 35	0n37	19 18	0 59	4 2	6 18	24 22	1 1	10 21	1 12	3 21	2 50	16 45	0 45	17 37	1 20	28 0	4 29	23 6	23 15	25 7		n.a.
T 25	13 54	18 5	1 43	19 32	0 45	4 13	6 26	24 19	1 2	10 21	1 12	3 23	2 50	16 44	0 45	17 36	1 20	28 0	4 29	23 7	23 15	25 7		n.a.
F 26	13 34	13 42	2 45	19 43	0 31	4 23	6 33	24 15	1 2	10 21	1 12	3 24	2 50	16 43	0 45	17 35	1 20	28 0	4 30	23 7	23 15	25 7		n.a.
S 27	13 14	8 37	3 39	19 53	0 17	4 32	6 41	24 11	1 3	10 21	1 12	3 26	2 50	16 42	0 45	17 35	1 20	28 1	4 30	23 8	23 15	25 7		n.a.
S 28	12s54	3s 4	4n23	20s 2	0n 4	4n40	6n48	24s 6	1s 4	10s21	1n12	3n27	2n50	16s41	0s45	17s34	1s20	28s 1	4s30	23s 8	23s16	25s 8		n.a.

Julian Day Number = 1197685.5, Delta T = 09h25m44s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'38, Lahiri = -23°44'38 Julian Calendar 1 Feb. 1434 BCE == Greg. Calendar 19 Jan. 1434 BCE

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

MARCH 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 41 58	27♒30'33	25♓38	2♒19	26°R 9	15♉21	29°R27	27°R49	17♒12	16♒ 7	20♐40	13°R39	12♉28	10♐41	n.a.	M 1
T 2	9 45 55	28°29'14	9♈18	2°48	26♓ 7	16° 7	29♎27	27♍45	17°16	16° 9	20°41	13♉32	12°25	10°47	n.a.	T 2
W 3	9 49 51	29°27'52	23° 8	3°21	26° 2	16°53	29°26	27°42	17°19	16°12	20°42	13°26	12°21	10°54	n.a.	W 3
T 4	9 53 48	0♓26'29	7♉ 7	3°58	25°55	17°40	29°25	27°38	17°23	16°14	20°43	13°22	12°18	11° 1	n.a.	T 4
F 5	9 57 44	1°25'03	21°10	4°39	25°45	18°26	29°24	27°34	17°26	16°16	20°44	13°19	12°15	11° 7	n.a.	F 5
S 6	10 1 41	2°23'35	5♊18	5°24	25°33	19°12	29°23	27°31	17°29	16°18	20°44	13°D19	12°12	11°14	n.a.	S 6
S 7	10 5 37	3°22'04	19°28	6°12	25°18	19°58	29°22	27°27	17°33	16°20	20°45	13°20	12° 9	11°21	n.a.	S 7
M 8	10 9 34	4°20'31	3♋39	7° 4	25° 1	20°44	29°20	27°23	17°36	16°23	20°46	13°21	12° 6	11°27	n.a.	M 8
T 9	10 13 30	5°18'56	17°49	7°58	24°41	21°30	29°19	27°19	17°39	16°25	20°47	13°R21	12° 2	11°34	n.a.	T 9
W10	10 17 27	6°17'18	1♌56	8°56	24°20	22°17	29°17	27°15	17°42	16°27	20°48	13°19	11°59	11°41	n.a.	W10
T 11	10 21 23	7°15'39	15°57	9°57	23°56	23° 3	29°15	27°11	17°46	16°29	20°48	13°16	11°56	11°47	n.a.	T 11
F 12	10 25 20	8°13'57	29°48	11° 0	23°29	23°49	29°12	27° 7	17°49	16°31	20°49	13°10	11°53	11°54	n.a.	F 12
S 13	10 29 17	9°12'13	13♍25	12° 6	23° 1	24°35	29°10	27° 3	17°52	16°33	20°50	13° 1	11°50	12° 1	n.a.	S 13
S 14	10 33 13	10°10'27	26°47	13°15	22°31	25°21	29° 7	26°59	17°55	16°36	20°50	12°52	11°46	12° 7	n.a.	S 14
M15	10 37 10	11° 8'39	9♎50	14°26	21°59	26° 7	29° 4	26°55	17°59	16°38	20°51	12°42	11°43	12°14	n.a.	M15
T 16	10 41 6	12° 6'49	22°34	15°39	21°25	26°52	29° 1	26°50	18° 2	16°40	20°51	12°32	11°40	12°21	n.a.	T 16
W17	10 45 3	13° 4'58	5♏ 1	16°55	20°51	27°38	28°58	26°46	18° 5	16°42	20°52	12°24	11°37	12°27	n.a.	W17
T 18	10 48 59	14° 3'05	17°12	18°13	20°15	28°24	28°55	26°42	18° 8	16°44	20°52	12°19	11°34	12°34	n.a.	T 18
F 19	10 52 56	15° 1'11	29°11	19°33	19°38	29°10	28°51	26°38	18°11	16°46	20°53	12°15	11°31	12°41	n.a.	F 19
S 20	10 56 52	15°59'15	11♐ 2	20°55	19° 0	29°56	28°48	26°33	18°14	16°48	20°53	12°D14	11°27	12°47	n.a.	S 20
S 21	11 0 49	16°57'17	22°51	22°19	18°22	0♒42	28°44	26°29	18°17	16°50	20°54	12°14	11°24	12°54	n.a.	S 21
M22	11 4 45	17°55'18	4♉44	23°46	17°44	1°28	28°40	26°25	18°21	16°52	20°54	12°14	11°21	13° 1	n.a.	M22
T 23	11 8 42	18°53'18	16°44	25°14	17° 6	2°13	28°36	26°20	18°24	16°54	20°54	12°R14	11°18	13° 7	n.a.	T 23
W24	11 12 39	19°51'16	28°58	26°45	16°28	2°59	28°31	26°16	18°27	16°56	20°55	12°13	11°15	13°14	n.a.	W24
T 25	11 16 35	20°49'12	11♒29	28°17	15°51	3°45	28°27	26°12	18°30	16°58	20°55	12°10	11°11	13°21	n.a.	T 25
F 26	11 20 32	21°47'07	24°21	29°52	15°15	4°30	28°22	26° 7	18°33	17° 0	20°55	12° 4	11° 8	13°27	n.a.	F 26
S 27	11 24 28	22°45'00	7♓34	1♓28	14°39	5°16	28°17	26° 3	18°36	17° 2	20°56	11°55	11° 5	13°34	n.a.	S 27
S 28	11 28 25	23°42'51	21° 8	3° 6	14° 5	6° 1	28°12	25°58	18°39	17° 4	20°56	11°45	11° 2	13°41	n.a.	S 28
M29	11 32 21	24°40'41	5♈ 1	4°46	13°32	6°47	28° 7	25°54	18°41	17° 6	20°56	11°34	10°59	13°47	n.a.	M29
T 30	11 36 18	25°38'30	19° 8	6°29	13° 1	7°32	28° 2	25°49	18°44	17° 8	20°56	11°23	10°56	13°54	n.a.	T 30
W31	11 40 14	26♓36'16	3♉24	8♓13	12♓32	8♒18	27♎57	25♍45	18♒47	17♒ 9	20♐56	11♉13	10♉52	14♐ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	12s33	2n42	4n53	20s 9	0s 9	4n46	6n55	24s 2	1s 4	10s21	1n12	3n29	2n50	16s40	0s45	17s33	1s20	28s 1	4s30	23s 9	23s16	25s 8			n.a.
T 2	12 12	8 27	5 8	20 14	0 22	4 51	7 1	23 57	1 5	10 21	1 12	3 30	2 51	16 39	0 45	17 33	1 20	28 1	4 30	23 10	23 16	25 8			n.a.
W 3	11 52	13 50	5 4	20 18	0 34	4 55	7 7	23 52	1 6	10 21	1 12	3 32	2 51	16 37	0 45	17 32	1 20	28 2	4 31	23 10	23 17	25 8			n.a.
T 4	11 31	18 34	4 43	20 20	0 45	4 57	7 13	23 46	1 6	10 20	1 13	3 34	2 51	16 36	0 45	17 31	1 20	28 2	4 31	23 11	23 17	25 9			n.a.
F 5	11 10	22 17	4 4	20 20	0 56	4 58	7 18	23 40	1 7	10 20	1 13	3 35	2 51	16 35	0 45	17 31	1 20	28 2	4 31	23 11	23 17	25 9			n.a.
S 6	10 48	24 41	3 10	20 19	1 6	4 58	7 23	23 35	1 8	10 19	1 13	3 37	2 51	16 34	0 45	17 30	1 20	28 2	4 31	23 11	23 18	25 9			n.a.
S 7	10 27	25 31	2 5	20 17	1 16	4 56	7 28	23 28	1 8	10 19	1 13	3 39	2 51	16 33	0 45	17 29	1 20	28 3	4 31	23 11	23 18	25 9			n.a.
M 8	10 5	24 41	0 52	20 12	1 25	4 52	7 31	23 22	1 9	10 18	1 13	3 40	2 51	16 32	0 45	17 29	1 20	28 3	4 32	23 11	23 18	25 9			n.a.
T 9	9 44	22 15	0s24	20 6	1 34	4 47	7 35	23 15	1 9	10 17	1 13	3 42	2 52	16 31	0 45	17 28	1 20	28 3	4 32	23 11	23 18	25 10			n.a.
W10	9 22	18 29	1 38	19 58	1 42	4 41	7 37	23 8	1 10	10 16	1 13	3 44	2 52	16 30	0 45	17 27	1 20	28 4	4 32	23 11	23 19	25 10			n.a.
T 11	9 0	13 42	2 46	19 49	1 49	4 33	7 39	23 1	1 11	10 16	1 13	3 45	2 52	16 29	0 45	17 27	1 20	28 4	4 32	23 11	23 19	25 10			n.a.
F 12	8 38	8 17	3 43	19 38	1 56	4 24	7 40	22 54	1 11	10 15	1 13	3 47	2 52	16 28	0 45	17 26	1 20	28 4	4 32	23 12	23 19	25 10			n.a.
S 13	8 16	2 33	4 26	19 25	2 2	4 13	7 41	22 46	1 12	10 14	1 13	3 49	2 52	16 27	0 45	17 26	1 20	28 4	4 33	23 13	23 20	25 10			n.a.
S 14	7 53	3s10	4 53	19 11	2 8	4 0	7 40	22 38	1 12	10 13	1 14	3 51	2 52	16 26	0 45	17 25	1 20	28 5	4 33	23 14	23 20	25 10			n.a.
M15	7 31	8 37	5 4	18 54	2 13	3 47	7 39	22 30	1 13	10 12	1 14	3 52	2 52	16 25	0 45	17 24	1 20	28 5	4 33	23 15	23 20	25 11			n.a.
T 16	7 8	13 34	5 0	18 37	2 17	3 32	7 37	22 21	1 14	10 10	1 14	3 54	2 52	16 24	0 45	17 24	1 20	28 5	4 33	23 16	23 20	25 11			n.a.
W17	6 46	17 50	4 42	18 17	2 21	3 15	7 35	22 13	1 14	10 9	1 14	3 56	2 52	16 23	0 45	17 23	1 20	28 5	4 33	23 16	23 21	25 11			n.a.
T 18	6 23	21 16	4 11	17 56	2 25	2 58	7 31	22 4	1 15	10 8	1 14	3 58	2 52	16 22	0 45	17 22	1 20	28 5	4 34	23 17	23 21	25 11			n.a.
F 19	6 0	23 43	3 29	17 33	2 27	2 39	7 26	21 55	1 15	10 7	1 14	4 0	2 52	16 21	0 45	17 22	1 20	28 6	4 34	23 17	23 21	25 11			n.a.
S 20	5 37	25 7	2 39	17 8	2 30	2 19	7 21	21 45	1 16	10 5	1 14	4 1	2 52	16 20	0 45	17 21	1 20	28 6	4 34	23 17	23 22	25 11			n.a.
S 21	5 14	25 22	1 42	16 42	2 31	1 59	7 15	21 36	1 16	10 4	1 14	4 3	2 53	16 19	0 45	17 21	1 21	28 6	4 34	23 17	23 22	25 11			n.a.
M22	4 51	24 27	0 40	16 13	2 32	1 37	7 8	21 26	1 17	10 2	1 14	4 5	2 53	16 19	0 45	17 20	1 21	28 6	4 34	23 17	23 22	25 11			n.a.
T 23	4 28	22 24	0n24	15 44	2 33	1 15	7 0	21 16	1 17	10 1	1 14	4 7	2 53	16 18	0 45	17 19	1 21	28 7	4 35	23 17	23 22	25 11			n.a.
W24	4 5	19 18	1 28	15 12	2 33	0 53	6 52	21 6	1 18	9 59	1 14	4 9	2 53	16 17	0 45	17 19	1 21	28 7	4 35	23 17	23 23	25 12			n.a.
T 25	3 42	15 15	2 29	14 39	2 32	0 30	6 43	20 56	1 18	9 57	1 14	4 10	2 53	16 16	0 45	17 18	1 21	28 7	4 35	23 18	23 23	25 12			n.a.
F 26	3 19	10 26	3 24	14 4	2 31	0 6	6 33	20 45	1 19	9 56	1 14	4 12	2 53	16 15	0 45	17 18	1 21	28 7	4 35	23 18	23 23	25 12			n.a.
S 27	2 56	5 1	4 10	13 27	2 29	0s17	6 22	20 34	1 19	9 54	1 14	4 14	2 53	16 14	0 45	17 17	1 21	28 8	4 35	23 19	23 24	25 12			n.a.
S 28	2 32	0n45	4 43	12 49	2 27	0 41	6 11	20 23	1 20	9 52	1 15	4 16	2 53	16 13	0 45	17 17	1 21	28 8	4 36	23 20	23 24	25 12			n.a.
M29	2 9	6 36	5 0	12 9	2 24	1 4	5 59	20 12	1 20	9 50	1 15	4 18	2 53	16 12	0 45	17 16	1 21	28 8	4 36	23 21	23 24	25 12			n.a.
T 30	1 46	12 13	4 59	11 27	2 20	1 27	5 47	20 1	1 21	9 48	1 15	4 19	2 53	16 11	0 45	17 16	1 21	28 8	4 36	23 22	23 24	25 12			n.a.
W31	1s22	17n14	4n40	10s44	2s16	1s50	5n35	19s49	1s21	9s46	1n15	4n21	2n53	16s10	0s45	17s15	1s21	28s 9	4s36	23s23	23s25	25s12			n.a.

Julian Day Number = 1197713.5, Delta T = 09h25m42s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'34, Lahiri = -23°44'34 Julian Calendar 1 March 1434 BCE == Greg. Calendar 16 Feb. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

APRIL 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 44 11	27♓34'01	17♉44	9♓59	12°R 4	9♒ 3	27°R51	25°R40	18♒50	17♒11	20♐57	11°R 6	10♑49	14♐ 7	n.a.	T 1
F 2	11 48 8	28°31'44	2♊ 3	11°47	11♓38	9°49	27♎45	25♍36	18°53	17°13	20°57	11♑ 1	10°46	14°14	n.a.	F 2
S 3	11 52 4	29°29'25	16°18	13°37	11°15	10°34	27°40	25°32	18°56	17°15	20°57	10°59	10°43	14°21	n.a.	S 3
S 4	11 56 1	0♈27'05	0♋27	15°29	10°54	11°19	27°34	25°27	18°58	17°17	20°57	10°D59	10°40	14°27	n.a.	S 4
M 5	11 59 57	1°24'43	14°28	17°22	10°35	12° 4	27°28	25°23	19° 1	17°18	20°R57	10°R59	10°37	14°34	n.a.	M 5
T 6	12 3 54	2°22'19	28°21	19°18	10°18	12°50	27°22	25°18	19° 4	17°20	20°57	10°58	10°33	14°41	n.a.	T 6
W 7	12 7 50	3°19'53	12♌ 6	21°16	10° 4	13°35	27°15	25°14	19° 7	17°22	20°57	10°55	10°30	14°47	n.a.	W 7
T 8	12 11 47	4°17'26	25°42	23°15	9°52	14°20	27° 9	25°10	19° 9	17°24	20°57	10°50	10°27	14°54	n.a.	T 8
F 9	12 15 43	5°14'57	9♍ 8	25°16	9°43	15° 5	27° 2	25° 5	19°12	17°25	20°57	10°42	10°24	15° 1	n.a.	F 9
S 10	12 19 40	6°12'26	22°23	27°19	9°36	15°50	26°56	25° 1	19°14	17°27	20°56	10°31	10°21	15° 7	n.a.	S 10
S 11	12 23 37	7° 9'54	5♎25	29°24	9°31	16°35	26°49	24°57	19°17	17°28	20°56	10°19	10°17	15°14	n.a.	S 11
M12	12 27 33	8° 7'21	18°13	1♈30	9°D29	17°20	26°42	24°52	19°19	17°30	20°56	10° 6	10°14	15°21	n.a.	M12
T 13	12 31 30	9° 4'47	0♏47	3°37	9°30	18° 4	26°35	24°48	19°22	17°32	20°56	9°53	10°11	15°27	n.a.	T 13
W14	12 35 26	10° 2'12	13° 6	5°46	9°32	18°49	26°28	24°44	19°24	17°33	20°56	9°43	10° 8	15°34	n.a.	W14
T 15	12 39 23	10°59'35	25°12	7°56	9°37	19°34	26°21	24°40	19°27	17°35	20°55	9°35	10° 5	15°40	n.a.	T 15
F 16	12 43 19	11°56'58	7♐ 9	10° 6	9°44	20°19	26°14	24°36	19°29	17°36	20°55	9°29	10° 2	15°47	n.a.	F 16
S 17	12 47 16	12°54'20	18°59	12°17	9°53	21° 3	26° 7	24°31	19°32	17°38	20°55	9°26	9°58	15°54	n.a.	S 17
S 18	12 51 12	13°51'41	0♑48	14°29	10° 5	21°48	26° 0	24°27	19°34	17°39	20°54	9°25	9°55	16° 0	n.a.	S 18
M19	12 55 9	14°49'01	12°39	16°40	10°18	22°33	25°53	24°23	19°36	17°41	20°54	9°25	9°52	16° 7	n.a.	M19
T 20	12 59 6	15°46'21	24°40	18°52	10°34	23°17	25°45	24°19	19°38	17°42	20°54	9°24	9°49	16°14	n.a.	T 20
W21	13 3 2	16°43'39	6♒55	21° 3	10°51	24° 1	25°38	24°15	19°41	17°43	20°53	9°23	9°46	16°20	n.a.	W21
T 22	13 6 59	17°40'57	19°28	23°13	11°10	24°46	25°30	24°12	19°43	17°45	20°53	9°20	9°43	16°27	n.a.	T 22
F 23	13 10 55	18°38'14	2♓25	25°22	11°31	25°30	25°23	24° 8	19°45	17°46	20°52	9°14	9°39	16°34	n.a.	F 23
S 24	13 14 52	19°35'31	15°47	27°29	11°54	26°14	25°15	24° 4	19°47	17°47	20°52	9° 6	9°36	16°40	n.a.	S 24
S 25	13 18 48	20°32'46	29°35	29°36	12°19	26°59	25° 8	24° 0	19°49	17°49	20°51	8°56	9°33	16°47	n.a.	S 25
M26	13 22 45	21°30'01	13♈47	1♉41	12°45	27°43	25° 0	23°56	19°51	17°50	20°51	8°45	9°30	16°54	n.a.	M26
T 27	13 26 41	22°27'16	28°16	3°43	13°12	28°27	24°52	23°53	19°53	17°51	20°50	8°34	9°27	17° 0	n.a.	T 27
W28	13 30 38	23°24'29	12♉57	5°44	13°42	29°11	24°45	23°49	19°55	17°52	20°50	8°24	9°23	17° 7	n.a.	W28
T 29	13 34 35	24°21'42	27°41	7°43	14°12	29°55	24°37	23°46	19°57	17°53	20°49	8°17	9°20	17°14	n.a.	T 29
F 30	13 38 31	25♈18'54	12♊22	9♉40	14♓44	0♓39	24♎29	23♍42	19♒59	17♒55	20♐48	8♑13	9♑17	17♐20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s59	21n18	4n 3	9s59	2s12	2s12	5n22	19s37	1s22	9s44	1n15	4n23	2n53	16s 9	0s45	17s14	1s21	28s 9	4s37	23s23	23s25	25s12		n.a.
F 2	0 36	24 3	3 11	9 12	2 6	2 34	5 9	19 26	1 22	9 42	1 15	4 25	2 53	16 9	0 45	17 14	1 21	28 9	4 37	23 24	23 25	25 12		n.a.
S 3	0 12	25 15	2 7	8 24	2 1	2 55	4 56	19 13	1 23	9 40	1 15	4 27	2 53	16 8	0 45	17 13	1 21	28 9	4 37	23 24	23 25	25 12		n.a.
S 4	0n11	24 47	0 56	7 35	1 54	3 16	4 42	19 1	1 23	9 38	1 15	4 28	2 53	16 7	0 45	17 13	1 21	28 9	4 37	23 24	23 26	25 12		n.a.
M 5	0 34	22 45	0s18	6 43	1 48	3 36	4 29	18 49	1 24	9 36	1 15	4 30	2 53	16 6	0 45	17 12	1 21	28 10	4 37	23 24	23 26	25 12		n.a.
T 6	0 58	19 23	1 31	5 50	1 40	3 55	4 15	18 36	1 24	9 33	1 15	4 32	2 53	16 5	0 45	17 12	1 21	28 10	4 38	23 24	23 26	25 12		n.a.
W 7	1 21	14 58	2 37	4 56	1 33	4 13	4 1	18 23	1 25	9 31	1 15	4 34	2 53	16 4	0 45	17 11	1 21	28 10	4 38	23 24	23 26	25 12		n.a.
T 8	1 44	9 51	3 33	4 1	1 24	4 30	3 48	18 10	1 25	9 29	1 15	4 35	2 53	16 4	0 45	17 11	1 21	28 10	4 38	23 25	23 27	25 12		n.a.
F 9	2 7	4 20	4 17	3 4	1 16	4 46	3 34	17 57	1 25	9 26	1 15	4 37	2 53	16 3	0 45	17 10	1 21	28 10	4 38	23 25	23 27	25 12		n.a.
S 10	2 30	1s17	4 46	2 6	1 7	5 1	3 21	17 44	1 26	9 24	1 15	4 39	2 52	16 2	0 45	17 10	1 21	28 11	4 38	23 26	23 27	25 12		n.a.
S 11	2 54	6 45	4 59	1 7	0 57	5 15	3 7	17 31	1 26	9 22	1 15	4 40	2 52	16 1	0 45	17 9	1 21	28 11	4 39	23 27	23 27	25 12		n.a.
M12	3 17	11 50	4 57	0 7	0 48	5 28	2 54	17 17	1 27	9 19	1 15	4 42	2 52	16 0	0 45	17 9	1 21	28 11	4 39	23 28	23 28	25 12		n.a.
T 13	3 40	16 19	4 41	0n54	0 38	5 40	2 41	17 4	1 27	9 17	1 15	4 44	2 52	16 0	0 45	17 9	1 21	28 11	4 39	23 29	23 28	25 12		n.a.
W14	4 3	20 2	4 12	1 55	0 27	5 51	2 28	16 50	1 27	9 14	1 15	4 45	2 52	15 59	0 45	17 8	1 21	28 11	4 39	23 30	23 28	25 12		n.a.
T 15	4 25	22 49	3 31	2 57	0 17	6 0	2 16	16 36	1 28	9 11	1 15	4 47	2 52	15 58	0 45	17 8	1 21	28 12	4 39	23 31	23 28	25 12		n.a.
F 16	4 48	24 33	2 42	3 58	0 6	6 9	2 4	16 22	1 28	9 9	1 15	4 48	2 52	15 57	0 45	17 7	1 22	28 12	4 40	23 31	23 29	25 12		n.a.
S 17	5 11	25 9	1 46	5 0	0n 4	6 17	1 51	16 7	1 28	9 6	1 14	4 50	2 52	15 57	0 46	17 7	1 22	28 12	4 40	23 31	23 29	25 12		n.a.
S 18	5 34	24 37	0 46	6 2	0 15	6 23	1 40	15 53	1 29	9 4	1 14	4 52	2 52	15 56	0 46	17 6	1 22	28 12	4 40	23 31	23 29	25 12		n.a.
M19	5 56	22 58	0n17	7 3	0 25	6 29	1 28	15 39	1 29	9 1	1 14	4 53	2 52	15 55	0 46	17 6	1 22	28 12	4 40	23 31	23 29	25 11		n.a.
T 20	6 19	20 16	1 20	8 4	0 35	6 33	1 17	15 24	1 29	8 58	1 14	4 55	2 52	15 55	0 46	17 6	1 22	28 12	4 40	23 31	23 30	25 11		n.a.
W21	6 41	16 37	2 20	9 3	0 45	6 37	1 6	15 9	1 30	8 56	1 14	4 56	2 51	15 54	0 46	17 5	1 22	28 13	4 41	23 32	23 30	25 11		n.a.
T 22	7 4	12 9	3 15	10 1	0 55	6 39	0 55	14 55	1 30	8 53	1 14	4 58	2 51	15 53	0 46	17 5	1 22	28 13	4 41	23 32	23 30	25 11		n.a.
F 23	7 26	7 2	4 2	10 58	1 4	6 41	0 45	14 40	1 30	8 50	1 14	4 59	2 51	15 53	0 46	17 4	1 22	28 13	4 41	23 32	23 30	25 11		n.a.
S 24	7 48	1 27	4 37	11 54	1 13	6 42	0 34	14 25	1 31	8 48	1 14	5 0	2 51	15 52	0 46	17 4	1 22	28 13	4 41	23 33	23 31	25 11		n.a.
S 25	8 10	4n22	4 57	12 48	1 22	6 41	0 24	14 9	1 31	8 45	1 14	5 2	2 51	15 51	0 46	17 4	1 22	28 13	4 41	23 33	23 31	25 11		n.a.
M26	8 32	10 7	5 0	13 40	1 29	6 40	0 15	13 54	1 31	8 42	1 14	5 3	2 51	15 51	0 46	17 3	1 22	28 13	4 42	23 34	23 31	25 11		n.a.
T 27	8 53	15 27	4 44	14 29	1 37	6 38	0 6	13 39	1 31	8 39	1 14	5 5	2 51	15 50	0 46	17 3	1 22	28 14	4 42	23 35	23 31	25 11		n.a.
W28	9 15	19 57	4 9	15 17	1 43	6 35	0s 3	13 23	1 32	8 37	1 14	5 6	2 51	15 49	0 46	17 3	1 22	28 14	4 42	23 36	23 31	25 10		n.a.
T 29	9 36	23 11	3 17	16 3	1 49	6 31	0 12	13 8	1 32	8 34	1 14	5 7	2 50	15 49	0 46	17 2	1 22	28 14	4 42	23 36	23 32	25 10		n.a.
F 30	9n58	24n52	2n12	16n46	1n55	6s26	0s21	12s52	1s32	8s31	1n13	5n 8	2n50	15s48	0s46	17s 2	1s22	28s14	4s42	23s36	23s32	25s10		n.a.

Julian Day Number = 1197744.5, Delta T = 09h25m40s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'30, Lahiri = -23°44'30 Julian Calendar 1 Apr. 1434 BCE == Greg. Calendar 19 March 1434 BCE

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

MAY 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 42 28	26♈16'05	26♊53	11♉34	15♓17	1♓23	24°R22	23°R39	20♒ 0	17♒56	20°R48	8°R11	9♑14	17♐27	n.a.	S 1
S 2	13 46 24	27°13'15	11♋11	13°26	15°52	2° 6	24♎14	23♍35	20° 2	17°57	20♐47	8°D10	9°11	17°34	n.a.	S 2
M 3	13 50 21	28°10'24	25°14	15°16	16°28	2°50	24° 7	23°32	20° 4	17°58	20°46	8°R11	9° 8	17°40	n.a.	M 3
T 4	13 54 17	29° 7'32	9♌ 2	17° 3	17° 5	3°34	23°59	23°29	20° 6	17°59	20°46	8♑10	9° 4	17°47	n.a.	T 4
W 5	13 58 14	0♉ 4'39	22°35	18°48	17°43	4°17	23°51	23°26	20° 7	18° 0	20°45	8° 8	9° 1	17°54	n.a.	W 5
T 6	14 2 10	1° 1'45	5♍54	20°30	18°22	5° 1	23°44	23°23	20° 9	18° 1	20°44	8° 4	8°58	18° 0	n.a.	T 6
F 7	14 6 7	1°58'51	19° 0	22°10	19° 3	5°44	23°36	23°20	20°10	18° 2	20°43	7°57	8°55	18° 7	n.a.	F 7
S 8	14 10 4	2°55'56	1♎54	23°48	19°44	6°27	23°29	23°17	20°12	18° 3	20°42	7°48	8°52	18°14	n.a.	S 8
S 9	14 14 0	3°53'00	14°36	25°22	20°26	7°11	23°21	23°14	20°13	18° 3	20°42	7°37	8°48	18°20	n.a.	S 9
M10	14 17 57	4°50'04	27° 7	26°55	21° 9	7°54	23°14	23°11	20°15	18° 4	20°41	7°26	8°45	18°27	n.a.	M10
T 11	14 21 53	5°47'08	9♏26	28°25	21°54	8°37	23° 7	23° 9	20°16	18° 5	20°40	7°16	8°42	18°34	n.a.	T 11
W12	14 25 50	6°44'12	21°35	29°52	22°39	9°20	22°59	23° 6	20°18	18° 6	20°39	7° 7	8°39	18°40	n.a.	W12
T 13	14 29 46	7°41'15	3♐34	1♊17	23°25	10° 3	22°52	23° 3	20°19	18° 7	20°38	6°59	8°36	18°47	n.a.	T 13
F 14	14 33 43	8°38'18	15°26	2°39	24°11	10°46	22°45	23° 1	20°20	18° 7	20°37	6°55	8°33	18°54	n.a.	F 14
S 15	14 37 40	9°35'21	27°14	3°58	24°59	11°29	22°38	22°59	20°21	18° 8	20°36	6°52	8°29	19° 0	n.a.	S 15
S 16	14 41 36	10°32'24	9♑ 2	5°15	25°47	12°11	22°31	22°56	20°22	18° 9	20°35	6°D52	8°26	19° 7	n.a.	S 16
M17	14 45 33	11°29'27	20°53	6°29	26°36	12°54	22°24	22°54	20°24	18° 9	20°34	6°53	8°23	19°13	n.a.	M17
T 18	14 49 29	12°26'31	2♒53	7°40	27°26	13°37	22°17	22°52	20°25	18°10	20°33	6°54	8°20	19°20	n.a.	T 18
W19	14 53 26	13°23'34	15° 7	8°48	28°16	14°19	22°11	22°50	20°26	18°10	20°32	6°R54	8°17	19°27	n.a.	W19
T 20	14 57 22	14°20'38	27°40	9°53	29° 8	15° 2	22° 4	22°48	20°27	18°11	20°31	6°53	8°14	19°33	n.a.	T 20
F 21	15 1 19	15°17'42	10♓36	10°56	29°59	15°44	21°58	22°46	20°28	18°11	20°30	6°50	8°10	19°40	n.a.	F 21
S 22	15 5 15	16°14'46	23°59	11°55	0♈52	16°26	21°51	22°44	20°28	18°12	20°29	6°45	8° 7	19°47	n.a.	S 22
S 23	15 9 12	17°11'50	7♈50	12°51	1°44	17° 8	21°45	22°43	20°29	18°12	20°28	6°39	8° 4	19°53	n.a.	S 23
M24	15 13 9	18° 8'55	22° 8	13°43	2°38	17°51	21°39	22°41	20°30	18°13	20°27	6°32	8° 1	20° 0	n.a.	M24
T 25	15 17 5	19° 6'00	6♉48	14°32	3°32	18°33	21°33	22°39	20°31	18°13	20°26	6°25	7°58	20° 7	n.a.	T 25
W26	15 21 2	20° 3'05	21°44	15°18	4°26	19°15	21°27	22°38	20°32	18°13	20°24	6°18	7°54	20°13	n.a.	W26
T 27	15 24 58	21° 0'11	6♊47	16° 0	5°21	19°56	21°21	22°37	20°32	18°14	20°23	6°14	7°51	20°20	n.a.	T 27
F 28	15 28 55	21°57'17	21°48	16°38	6°17	20°38	21°15	22°35	20°33	18°14	20°22	6°11	7°48	20°27	n.a.	F 28
S 29	15 32 51	22°54'23	6♋38	17°12	7°13	21°20	21°10	22°34	20°33	18°14	20°21	6°D10	7°45	20°33	n.a.	S 29
S 30	15 36 48	23°51'29	21°12	17°43	8° 9	22° 1	21° 4	22°33	20°34	18°14	20°20	6°11	7°42	20°40	n.a.	S 30
M31	15 40 45	24♉48'35	5♌26	18♊ 8	9♈ 6	22♓43	20♎59	22♍32	20♒34	18♒14	20♐18	6♑12	7♑39	20♐47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n19	24n49	1n 0	17n27	1n59	6s20	0s29	12s37	1s33	8s28	1n13	5n10	2n50	15s48	0s46	17s 2	1s22	28s14	4s43	23s36	23s32	25s10		n.a.
S 2	10 40	23 7	0s16	18 6	2 3	6 14	0 37	12 21	1 33	8 26	1 13	5 11	2 50	15 47	0 46	17 2	1 22	28 14	4 43	23 36	23 32	25 10		n.a.
M 3	11 1	20 0	1 29	18 43	2 6	6 7	0 44	12 5	1 33	8 23	1 13	5 12	2 50	15 47	0 46	17 1	1 22	28 14	4 43	23 36	23 33	25 10		n.a.
T 4	11 21	15 48	2 36	19 17	2 9	5 59	0 52	11 49	1 33	8 20	1 13	5 13	2 50	15 46	0 46	17 1	1 22	28 15	4 43	23 36	23 33	25 9		n.a.
W 5	11 42	10 53	3 33	19 49	2 11	5 50	0 59	11 33	1 33	8 18	1 13	5 14	2 49	15 46	0 46	17 1	1 22	28 15	4 43	23 37	23 33	25 9		n.a.
T 6	12 2	5 32	4 17	20 19	2 12	5 41	1 6	11 17	1 34	8 15	1 13	5 15	2 49	15 45	0 46	17 1	1 23	28 15	4 44	23 37	23 33	25 9		n.a.
F 7	12 22	0 2	4 47	20 46	2 12	5 31	1 12	11 1	1 34	8 12	1 12	5 16	2 49	15 45	0 46	17 0	1 23	28 15	4 44	23 37	23 33	25 9		n.a.
S 8	12 42	5s22	5 2	21 11	2 12	5 20	1 19	10 45	1 34	8 10	1 12	5 17	2 49	15 44	0 46	17 0	1 23	28 15	4 44	23 38	23 34	25 9		n.a.
S 9	13 2	10 28	5 1	21 34	2 11	5 9	1 25	10 29	1 34	8 7	1 12	5 18	2 49	15 44	0 46	17 0	1 23	28 15	4 44	23 38	23 34	25 8		n.a.
M10	13 22	15 3	4 46	21 55	2 10	4 57	1 31	10 13	1 34	8 4	1 12	5 19	2 48	15 43	0 46	17 0	1 23	28 15	4 44	23 39	23 34	25 8		n.a.
T 11	13 41	18 57	4 17	22 13	2 7	4 44	1 36	9 56	1 34	8 2	1 12	5 20	2 48	15 43	0 46	16 59	1 23	28 15	4 44	23 40	23 34	25 8		n.a.
W12	14 0	21 58	3 38	22 30	2 4	4 31	1 42	9 40	1 35	7 59	1 12	5 21	2 48	15 43	0 46	16 59	1 23	28 16	4 45	23 40	23 35	25 8		n.a.
T 13	14 19	24 0	2 48	22 45	2 1	4 17	1 47	9 24	1 35	7 57	1 11	5 22	2 48	15 42	0 46	16 59	1 23	28 16	4 45	23 41	23 35	25 7		n.a.
F 14	14 38	24 55	1 52	22 57	1 56	4 3	1 52	9 7	1 35	7 54	1 11	5 23	2 48	15 42	0 46	16 59	1 23	28 16	4 45	23 41	23 35	25 7		n.a.
S 15	14 56	24 42	0 51	23 8	1 51	3 48	1 56	8 51	1 35	7 52	1 11	5 23	2 47	15 42	0 47	16 59	1 23	28 16	4 45	23 41	23 35	25 7		n.a.
S 16	15 15	23 21	0n12	23 17	1 45	3 33	2 1	8 34	1 35	7 49	1 11	5 24	2 47	15 41	0 47	16 59	1 23	28 16	4 45	23 41	23 35	25 7		n.a.
M17	15 33	20 59	1 15	23 24	1 39	3 17	2 5	8 18	1 35	7 47	1 11	5 25	2 47	15 41	0 47	16 58	1 23	28 16	4 46	23 41	23 36	25 6		n.a.
T 18	15 51	17 40	2 15	23 29	1 32	3 1	2 9	8 1	1 35	7 44	1 10	5 25	2 47	15 41	0 47	16 58	1 23	28 16	4 46	23 41	23 36	25 6		n.a.
W19	16 8	13 33	3 11	23 33	1 25	2 44	2 13	7 44	1 35	7 42	1 10	5 26	2 46	15 40	0 47	16 58	1 23	28 16	4 46	23 41	23 36	25 6		n.a.
T 20	16 26	8 46	3 59	23 35	1 17	2 26	2 17	7 28	1 35	7 40	1 10	5 27	2 46	15 40	0 47	16 58	1 23	28 16	4 46	23 41	23 36	25 5		n.a.
F 21	16 43	3 28	4 36	23 36	1 8	2 9	2 20	7 11	1 36	7 38	1 10	5 27	2 46	15 40	0 47	16 58	1 23	28 16	4 46	23 41	23 36	25 5		n.a.
S 22	16 59	2n 9	5 0	23 35	0 58	1 51	2 24	6 54	1 36	7 35	1 10	5 28	2 46	15 39	0 47	16 58	1 23	28 16	4 46	23 41	23 37	25 5		n.a.
S 23	17 16	7 51	5 8	23 32	0 48	1 32	2 27	6 38	1 36	7 33	1 9	5 28	2 45	15 39	0 47	16 58	1 23	28 17	4 46	23 42	23 37	25 4		n.a.
M24	17 32	13 20	4 57	23 29	0 38	1 13	2 30	6 21	1 36	7 31	1 9	5 29	2 45	15 39	0 47	16 58	1 24	28 17	4 47	23 42	23 37	25 4		n.a.
T 25	17 48	18 12	4 26	23 24	0 27	0 54	2 32	6 4	1 36	7 29	1 9	5 29	2 45	15 39	0 47	16 58	1 24	28 17	4 47	23 42	23 37	25 4		n.a.
W26	18 4	22 0	3 37	23 17	0 15	0 34	2 35	5 48	1 36	7 27	1 9	5 29	2 45	15 39	0 47	16 58	1 24	28 17	4 47	23 43	23 37	25 4		n.a.
T 27	18 20	24 20	2 32	23 10	0 3	0 14	2 37	5 31	1 36	7 25	1 8	5 30	2 45	15 38	0 47	16 58	1 24	28 17	4 47	23 43	23 38	25 3		n.a.
F 28	18 35	24 53	1 17	23 1	0s10	0n 6	2 39	5 14	1 36	7 23	1 8	5 30	2 44	15 38	0 47	16 58	1 24	28 17	4 47	23 43	23 38	25 3		n.a.
S 29	18 50	23 39	0s 3	22 52	0 23	0 27	2 42	4 58	1 36	7 21	1 8	5 30	2 44	15 38	0 47	16 58	1 24	28 17	4 47	23 43	23 38	25 2		n.a.
S 30	19 4	20 50	1 21	22 41	0 36	0 48	2 43	4 41	1 36	7 19	1 8	5 30	2 44	15 38	0 47	16 58	1 24	28 17	4 48	23 43	23 38	25 2		n.a.
M31	19n18	16n47	2s32	22n30	0s50	1n 9	2s45	4s24	1s36	7s17	1n 7	5n30	2n44	15s38	0s47	16s58	1s24	28s17	4s48	23s43	23s38	25s 2		n.a.

Julian Day Number = 1197774.5, Delta T = 09h25m39s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'26, Lahiri = -23°44'26 Julian Calendar 1 May 1434 BCE == Greg. Calendar 18 Apr. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

JUNE 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 44 41	25♉45'41	19♌19	18♊30	10♈ 4	23♓24	20°R54	22°R31	20♒35	18♒15	20°R17	6°R13	7♑35	20♐53	n.a.	T 1
W 2	15 48 38	26°42'47	2♍50	18°47	11° 1	24° 5	20♎49	22♍31	20°35	18°15	20♐16	6♑13	7°32	21° 0	n.a.	W 2
T 3	15 52 34	27°39'54	16° 2	18°59	11°59	24°47	20°44	22°30	20°35	18°15	20°15	6°11	7°29	21° 7	n.a.	T 3
F 4	15 56 31	28°37'00	28°57	19° 7	12°58	25°28	20°39	22°29	20°36	18°R15	20°13	6° 8	7°26	21°13	n.a.	F 4
S 5	16 0 27	29°34'07	11♎36	19°R10	13°57	26° 9	20°35	22°29	20°36	18°15	20°12	6° 4	7°23	21°20	n.a.	S 5
S 6	16 4 24	0♊31'14	24° 3	19° 8	14°56	26°50	20°31	22°28	20°36	18°15	20°11	5°58	7°20	21°27	n.a.	S 6
M 7	16 8 20	1°28'21	6♏18	19° 2	15°56	27°30	20°26	22°28	20°36	18°15	20°10	5°52	7°16	21°33	n.a.	M 7
T 8	16 12 17	2°25'29	18°24	18°50	16°55	28°11	20°22	22°28	20°36	18°14	20° 8	5°46	7°13	21°40	n.a.	T 8
W 9	16 16 14	3°22'38	0♐23	18°34	17°56	28°52	20°18	22°28	20°R36	18°14	20° 7	5°41	7°10	21°46	n.a.	W 9
T 10	16 20 10	4°19'48	12°16	18°13	18°56	29°32	20°15	22°D28	20°36	18°14	20° 6	5°38	7° 7	21°53	n.a.	T 10
F 11	16 24 7	5°16'58	24° 4	17°48	19°57	0♈13	20°11	22°28	20°36	18°14	20° 4	5°36	7° 4	22° 0	n.a.	F 11
S 12	16 28 3	6°14'09	5♑52	17°18	20°59	0°53	20° 8	22°28	20°36	18°14	20° 3	5°D35	7° 0	22° 6	n.a.	S 12
S 13	16 32 0	7°11'21	17°40	16°45	22° 0	1°33	20° 5	22°28	20°36	18°14	20° 2	5°36	6°57	22°13	n.a.	S 13
M14	16 35 56	8° 8'33	29°33	16° 9	23° 2	2°13	20° 2	22°29	20°35	18°13	20° 0	5°37	6°54	22°20	n.a.	M14
T 15	16 39 53	9° 5'47	11♒35	15°30	24° 4	2°53	19°59	22°29	20°35	18°13	19°59	5°39	6°51	22°26	n.a.	T 15
W16	16 43 50	10° 3'02	23°50	14°48	25° 7	3°33	19°56	22°30	20°35	18°13	19°58	5°40	6°48	22°33	n.a.	W16
T 17	16 47 46	11° 0'18	6♓22	14° 6	26° 9	4°13	19°54	22°30	20°35	18°12	19°56	5°R41	6°45	22°40	n.a.	T 17
F 18	16 51 43	11°57'35	19°15	13°22	27°12	4°52	19°51	22°31	20°34	18°12	19°55	5°41	6°41	22°46	n.a.	F 18
S 19	16 55 39	12°54'54	2♈33	12°38	28°15	5°32	19°49	22°32	20°34	18°11	19°53	5°40	6°38	22°53	n.a.	S 19
S 20	16 59 36	13°52'14	16°19	11°56	29°19	6°11	19°47	22°33	20°33	18°11	19°52	5°38	6°35	23° 0	n.a.	S 20
M21	17 3 32	14°49'35	0♉31	11°14	0♉23	6°51	19°45	22°34	20°33	18°10	19°51	5°35	6°32	23° 6	n.a.	M21
T 22	17 7 29	15°46'57	15° 9	10°35	1°27	7°30	19°44	22°35	20°32	18°10	19°49	5°33	6°29	23°13	n.a.	T 22
W23	17 11 25	16°44'21	0♊ 6	10° 0	2°31	8° 9	19°42	22°36	20°31	18° 9	19°48	5°30	6°25	23°20	n.a.	W23
T 24	17 15 22	17°41'46	15°15	9°28	3°35	8°48	19°41	22°37	20°31	18° 9	19°46	5°29	6°22	23°26	n.a.	T 24
F 25	17 19 19	18°39'12	0♋27	9° 0	4°40	9°27	19°40	22°39	20°30	18° 8	19°45	5°D28	6°19	23°33	n.a.	F 25
S 26	17 23 15	19°36'40	15°31	8°38	5°45	10° 5	19°39	22°40	20°29	18° 7	19°44	5°28	6°16	23°40	n.a.	S 26
S 27	17 27 12	20°34'08	0♌20	8°20	6°50	10°44	19°39	22°42	20°28	18° 7	19°42	5°29	6°13	23°46	n.a.	S 27
M28	17 31 8	21°31'38	14°48	8° 9	7°55	11°22	19°38	22°44	20°27	18° 6	19°41	5°30	6°10	23°53	n.a.	M28
T 29	17 35 5	22°29'08	28°51	8°D 5	9° 0	12° 0	19°38	22°45	20°26	18° 5	19°40	5°31	6° 6	24° 0	n.a.	T 29
W30	17 39 1	23♊26'39	12♍28	8♊ 6	10♉ 6	12♈39	19°D38	22♍47	20♒26	18♒ 4	19♐38	5♑32	6♑ 3	24♐ 6	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n32	11n56	3s33	22n17	1s 4	1n30	2s47	4s 7	1s36	7s16	1n 7	5n31	2n43	15s38	0s47	16s58	1s24	28s17	4s48	23s43	23s39	25s 1		n.a.
W 2	19 46	6 36	4 20	22 4	1 19	1 52	2 48	3 51	1 36	7 14	1 7	5 31	2 43	15 38	0 47	16 58	1 24	28 17	4 48	23 43	23 39	25 1		n.a.
T 3	19 59	1 8	4 52	21 51	1 33	2 14	2 49	3 34	1 36	7 12	1 7	5 31	2 43	15 38	0 47	16 58	1 24	28 17	4 48	23 43	23 39	25 1		n.a.
F 4	20 12	4s17	5 9	21 37	1 48	2 36	2 50	3 18	1 36	7 11	1 6	5 31	2 42	15 38	0 47	16 58	1 24	28 17	4 48	23 43	23 39	25 0		n.a.
S 5	20 25	9 24	5 10	21 22	2 3	2 58	2 51	3 1	1 36	7 9	1 6	5 31	2 42	15 38	0 47	16 58	1 24	28 17	4 48	23 43	23 39	25 0		n.a.
S 6	20 37	14 3	4 56	21 7	2 18	3 21	2 52	2 44	1 35	7 8	1 6	5 31	2 42	15 38	0 47	16 58	1 24	28 17	4 48	23 44	23 39	24 59		n.a.
M 7	20 49	18 4	4 29	20 52	2 33	3 44	2 53	2 28	1 35	7 7	1 6	5 30	2 42	15 38	0 47	16 58	1 24	28 17	4 49	23 44	23 40	24 59		n.a.
T 8	21 1	21 17	3 50	20 36	2 48	4 6	2 53	2 11	1 35	7 5	1 5	5 30	2 41	15 38	0 47	16 58	1 24	28 17	4 49	23 44	23 40	24 59		n.a.
W 9	21 12	23 32	3 1	20 21	3 2	4 29	2 53	1 55	1 35	7 4	1 5	5 30	2 41	15 38	0 48	16 58	1 24	28 17	4 49	23 44	23 40	24 58		n.a.
T 10	21 23	24 43	2 4	20 5	3 16	4 53	2 54	1 38	1 35	7 3	1 5	5 30	2 41	15 38	0 48	16 58	1 24	28 17	4 49	23 44	23 40	24 58		n.a.
F 11	21 34	24 46	1 3	19 50	3 29	5 16	2 54	1 22	1 35	7 2	1 5	5 30	2 41	15 38	0 48	16 58	1 25	28 17	4 49	23 45	23 40	24 57		n.a.
S 12	21 44	23 42	0n 2	19 35	3 41	5 39	2 54	1 5	1 35	7 1	1 4	5 29	2 40	15 38	0 48	16 58	1 25	28 17	4 49	23 45	23 40	24 57		n.a.
S 13	21 54	21 35	1 6	19 20	3 52	6 3	2 53	0 49	1 35	7 0	1 4	5 29	2 40	15 38	0 48	16 59	1 25	28 17	4 49	23 45	23 41	24 56		n.a.
M14	22 3	18 31	2 8	19 6	4 3	6 26	2 53	0 33	1 35	6 59	1 4	5 29	2 40	15 38	0 48	16 59	1 25	28 17	4 49	23 45	23 41	24 56		n.a.
T 15	22 12	14 39	3 5	18 53	4 12	6 50	2 53	0 16	1 34	6 58	1 3	5 28	2 40	15 38	0 48	16 59	1 25	28 17	4 50	23 44	23 41	24 55		n.a.
W16	22 21	10 7	3 55	18 41	4 19	7 13	2 52	0 0	1 34	6 57	1 3	5 28	2 39	15 38	0 48	16 59	1 25	28 17	4 50	23 44	23 41	24 55		n.a.
T 17	22 29	5 5	4 35	18 30	4 26	7 37	2 51	0n16	1 34	6 57	1 3	5 27	2 39	15 39	0 48	16 59	1 25	28 17	4 50	23 44	23 41	24 55		n.a.
F 18	22 37	0n18	5 3	18 20	4 30	8 1	2 51	0 32	1 34	6 56	1 3	5 27	2 39	15 39	0 48	16 59	1 25	28 17	4 50	23 44	23 41	24 54		n.a.
S 19	22 45	5 50	5 15	18 12	4 33	8 24	2 50	0 48	1 34	6 55	1 2	5 26	2 39	15 39	0 48	17 0	1 25	28 17	4 50	23 44	23 42	24 54		n.a.
S 20	22 52	11 16	5 10	18 5	4 35	8 48	2 49	1 4	1 33	6 55	1 2	5 25	2 38	15 39	0 48	17 0	1 25	28 17	4 50	23 44	23 42	24 53		n.a.
M21	22 59	16 18	4 46	18 0	4 34	9 12	2 48	1 20	1 33	6 55	1 2	5 25	2 38	15 39	0 48	17 0	1 25	28 17	4 50	23 45	23 42	24 53		n.a.
T 22	23 5	20 32	4 3	17 57	4 32	9 35	2 46	1 36	1 33	6 54	1 1	5 24	2 38	15 40	0 48	17 0	1 25	28 17	4 50	23 45	23 42	24 52		n.a.
W23	23 11	23 31	3 3	17 55	4 28	9 59	2 45	1 52	1 33	6 54	1 1	5 23	2 37	15 40	0 48	17 0	1 25	28 17	4 50	23 45	23 42	24 52		n.a.
T 24	23 17	24 51	1 50	17 56	4 23	10 22	2 44	2 8	1 33	6 54	1 1	5 23	2 37	15 40	0 48	17 1	1 25	28 17	4 50	23 45	23 42	24 51		n.a.
F 25	23 22	24 20	0 28	17 59	4 16	10 46	2 42	2 24	1 32	6 54	1 1	5 22	2 37	15 40	0 48	17 1	1 25	28 17	4 51	23 45	23 43	24 51		n.a.
S 26	23 27	22 2	0s55	18 4	4 7	11 9	2 40	2 39	1 32	6 53	1 0	5 21	2 37	15 41	0 48	17 1	1 25	28 17	4 51	23 45	23 43	24 50		n.a.
S 27	23 31	18 16	2 13	18 11	3 58	11 32	2 39	2 55	1 32	6 53	1 0	5 20	2 36	15 41	0 48	17 1	1 25	28 17	4 51	23 45	23 43	24 49		n.a.
M28	23 35	13 29	3 21	18 20	3 47	11 55	2 37	3 10	1 32	6 54	1 0	5 19	2 36	15 41	0 48	17 2	1 25	28 17	4 51	23 45	23 43	24 49		n.a.
T 29	23 39	8 7	4 15	18 31	3 35	12 18	2 35	3 26	1 31	6 54	0 59	5 18	2 36	15 42	0 48	17 2	1 26	28 17	4 51	23 45	23 43	24 48		n.a.
W30	23n42	2n31	4s52	18n44	3s22	12n41	2s33	3n41	1s31	6s54	0n59	5n17	2n36	15s42	0s48	17s 2	1s26	28s17	4s51	23s45	23s43	24s48		n.a.

Julian Day Number = 1197805.5, Delta T = 09h25m37s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'22, Lahiri = -23°44'21 Julian Calendar 1 June 1434 BCE == Greg. Calendar 19 May 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

JULY 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 42 58	24♊24'11	25♍41	8♊15	11♉12	13♈17	19♎38	22♍49	20°R24	18°R 3	19°R37	5°R32	6♑ 0	24♐13	n.a.	T 1
F 2	17 46 54	25°21'45	8♎33	8°30	12°18	13°54	19°38	22°51	20♒23	18♒ 3	19♐35	5♑32	5°57	24°19	n.a.	F 2
S 3	17 50 51	26°19'19	21° 5	8°52	13°24	14°32	19°38	22°54	20°22	18° 2	19°34	5°31	5°54	24°26	n.a.	S 3
S 4	17 54 48	27°16'55	3♏23	9°22	14°30	15°10	19°39	22°56	20°21	18° 1	19°33	5°30	5°51	24°33	n.a.	S 4
M 5	17 58 44	28°14'32	15°28	9°58	15°37	15°47	19°40	22°58	20°20	18° 0	19°31	5°29	5°47	24°39	n.a.	M 5
T 6	18 2 41	29°12'10	27°25	10°41	16°44	16°25	19°41	23° 1	20°19	17°59	19°30	5°28	5°44	24°46	n.a.	T 6
W 7	18 6 37	0♋ 9'50	9♐17	11°31	17°51	17° 2	19°42	23° 3	20°18	17°58	19°28	5°27	5°41	24°53	n.a.	W 7
T 8	18 10 34	1° 7'31	21° 5	12°28	18°58	17°39	19°43	23° 6	20°16	17°57	19°27	5°27	5°38	24°59	n.a.	T 8
F 9	18 14 30	2° 5'13	2♑53	13°31	20° 5	18°16	19°45	23° 8	20°15	17°56	19°26	5°D27	5°35	25° 6	n.a.	F 9
S 10	18 18 27	3° 2'57	14°43	14°40	21°12	18°52	19°47	23°11	20°13	17°55	19°24	5°27	5°31	25°13	n.a.	S 10
S 11	18 22 24	4° 0'43	26°37	15°55	22°20	19°29	19°49	23°14	20°12	17°54	19°23	5°27	5°28	25°19	n.a.	S 11
M12	18 26 20	4°58'31	8♒37	17°16	23°27	20° 5	19°51	23°17	20°11	17°53	19°22	5°27	5°25	25°26	n.a.	M12
T 13	18 30 17	5°56'20	20°46	18°42	24°35	20°42	19°53	23°20	20° 9	17°52	19°20	5°R27	5°22	25°33	n.a.	T 13
W14	18 34 13	6°54'11	3♓ 7	20°13	25°43	21°18	19°55	23°23	20° 8	17°51	19°19	5°27	5°19	25°39	n.a.	W14
T 15	18 38 10	7°52'04	15°42	21°49	26°52	21°54	19°58	23°26	20° 6	17°49	19°18	5°27	5°16	25°46	n.a.	T 15
F 16	18 42 6	8°49'59	28°36	23°28	28° 0	22°30	20° 1	23°30	20° 4	17°48	19°16	5°27	5°12	25°53	n.a.	F 16
S 17	18 46 3	9°47'56	11♈50	25°12	29° 8	23° 5	20° 4	23°33	20° 3	17°47	19°15	5°D27	5° 9	25°59	n.a.	S 17
S 18	18 49 59	10°45'54	25°27	26°58	0♊17	23°41	20° 7	23°36	20° 1	17°46	19°14	5°27	5° 6	26° 6	n.a.	S 18
M19	18 53 56	11°43'56	9♉28	28°47	1°26	24°16	20°10	23°40	19°59	17°44	19°13	5°27	5° 3	26°12	n.a.	M19
T 20	18 57 52	12°41'59	23°52	0♋39	2°35	24°51	20°14	23°43	19°58	17°43	19°11	5°28	5° 0	26°19	n.a.	T 20
W21	19 1 49	13°40'04	8♊37	2°32	3°44	25°26	20°17	23°47	19°56	17°42	19°10	5°28	4°57	26°26	n.a.	W21
T 22	19 5 46	14°38'11	23°36	4°27	4°53	26° 1	20°21	23°51	19°54	17°41	19° 9	5°29	4°53	26°32	n.a.	T 22
F 23	19 9 42	15°36'21	8♋43	6°22	6° 2	26°36	20°25	23°55	19°52	17°39	19° 8	5°R29	4°50	26°39	n.a.	F 23
S 24	19 13 39	16°34'32	23°48	8°19	7°12	27°10	20°30	23°59	19°50	17°38	19° 6	5°29	4°47	26°46	n.a.	S 24
S 25	19 17 35	17°32'45	8♌43	10°16	8°21	27°44	20°34	24° 3	19°48	17°36	19° 5	5°28	4°44	26°52	n.a.	S 25
M26	19 21 32	18°31'00	23°20	12°13	9°31	28°18	20°39	24° 7	19°46	17°35	19° 4	5°26	4°41	26°59	n.a.	M26
T 27	19 25 28	19°29'17	7♍32	14°10	10°41	28°52	20°43	24°11	19°44	17°34	19° 3	5°24	4°37	27° 6	n.a.	T 27
W28	19 29 25	20°27'35	21°18	16° 7	11°51	29°26	20°48	24°15	19°42	17°32	19° 2	5°23	4°34	27°12	n.a.	W28
T 29	19 33 21	21°25'55	4♎37	18° 3	13° 1	29°59	20°53	24°19	19°40	17°31	19° 1	5°21	4°31	27°19	n.a.	T 29
F 30	19 37 18	22°24'16	17°31	19°59	14°11	0♉32	20°58	24°24	19°38	17°29	18°59	5°D21	4°28	27°26	n.a.	F 30
S 31	19 41 15	23♋22'40	0♏ 3	21♋54	15♊21	1♉ 5	21♎ 4	24♍28	19♒36	17♒28	18♐58	5♑21	4♑25	27♐32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n45	3s 1	5s13	18n59	3s 8	13n 4	2s31	3n57	1s31	6s54	0n59	5n16	2n35	15s42	0s48	17s 3	1s26	28s17	4s51	23s45	23s43	24s47			n.a.
F 2	23 47	8 17	5 17	19 15	2 54	13 26	2 29	4 12	1 30	6 55	0 59	5 15	2 35	15 43	0 48	17 3	1 26	28 17	4 51	23 45	23 44	24 47			n.a.
S 3	23 49	13 4	5 6	19 33	2 39	13 49	2 27	4 27	1 30	6 55	0 58	5 14	2 35	15 43	0 48	17 3	1 26	28 17	4 51	23 45	23 44	24 46			n.a.
S 4	23 50	17 14	4 41	19 53	2 24	14 11	2 24	4 42	1 30	6 56	0 58	5 13	2 35	15 43	0 48	17 4	1 26	28 17	4 51	23 45	23 44	24 46			n.a.
M 5	23 51	20 38	4 3	20 14	2 8	14 32	2 22	4 57	1 29	6 56	0 58	5 12	2 34	15 44	0 49	17 4	1 26	28 17	4 51	23 45	23 44	24 45			n.a.
T 6	23 52	23 6	3 16	20 35	1 52	14 54	2 20	5 12	1 29	6 57	0 57	5 10	2 34	15 44	0 49	17 4	1 26	28 17	4 51	23 45	23 44	24 44			n.a.
W 7	23 52	24 33	2 20	20 58	1 37	15 16	2 17	5 27	1 29	6 57	0 57	5 9	2 34	15 45	0 49	17 5	1 26	28 17	4 51	23 45	23 44	24 44			n.a.
T 8	23 51	24 52	1 19	21 21	1 21	15 37	2 15	5 41	1 28	6 58	0 57	5 8	2 34	15 45	0 49	17 5	1 26	28 17	4 51	23 45	23 44	24 43			n.a.
F 9	23 51	24 4	0 14	21 44	1 6	15 58	2 12	5 56	1 28	6 59	0 57	5 7	2 33	15 46	0 49	17 5	1 26	28 16	4 51	23 45	23 45	24 43			n.a.
S 10	23 50	22 11	0n51	22 8	0 51	16 18	2 9	6 10	1 28	7 0	0 56	5 5	2 33	15 46	0 49	17 6	1 26	28 16	4 51	23 45	23 45	24 42			n.a.
S 11	23 48	19 19	1 55	22 31	0 36	16 38	2 7	6 25	1 27	7 1	0 56	5 4	2 33	15 47	0 49	17 6	1 26	28 16	4 52	23 45	23 45	24 41			n.a.
M12	23 46	15 38	2 54	22 53	0 21	16 58	2 4	6 39	1 27	7 2	0 56	5 2	2 33	15 47	0 49	17 6	1 26	28 16	4 52	23 45	23 45	24 41			n.a.
T 13	23 44	11 15	3 46	23 15	0 8	17 18	2 1	6 53	1 26	7 3	0 55	5 1	2 32	15 48	0 49	17 7	1 26	28 16	4 52	23 45	23 45	24 40			n.a.
W14	23 41	6 22	4 29	23 35	0n 6	17 37	1 58	7 8	1 26	7 4	0 55	4 59	2 32	15 48	0 49	17 7	1 26	28 16	4 52	23 45	23 45	24 39			n.a.
T 15	23 37	1 9	4 59	23 54	0 18	17 56	1 55	7 22	1 25	7 6	0 55	4 58	2 32	15 49	0 49	17 8	1 26	28 16	4 52	23 45	23 45	24 39			n.a.
F 16	23 34	4n14	5 15	24 12	0 30	18 15	1 52	7 36	1 25	7 7	0 55	4 56	2 32	15 49	0 49	17 8	1 26	28 16	4 52	23 45	23 46	24 38			n.a.
S 17	23 30	9 35	5 16	24 27	0 41	18 33	1 49	7 49	1 24	7 8	0 54	4 55	2 31	15 50	0 49	17 8	1 26	28 16	4 52	23 45	23 46	24 37			n.a.
S 18	23 25	14 38	4 59	24 41	0 51	18 51	1 46	8 3	1 24	7 10	0 54	4 53	2 31	15 50	0 49	17 9	1 26	28 16	4 52	23 45	23 46	24 37			n.a.
M19	23 20	19 3	4 24	24 52	1 0	19 8	1 43	8 17	1 24	7 11	0 54	4 52	2 31	15 51	0 49	17 9	1 26	28 16	4 52	23 45	23 46	24 36			n.a.
T 20	23 15	22 29	3 31	25 1	1 9	19 25	1 40	8 30	1 23	7 13	0 54	4 50	2 31	15 52	0 49	17 10	1 26	28 16	4 52	23 45	23 46	24 35			n.a.
W21	23 9	24 30	2 24	25 7	1 17	19 42	1 36	8 44	1 23	7 15	0 53	4 48	2 30	15 52	0 49	17 10	1 26	28 16	4 52	23 45	23 46	24 35			n.a.
T 22	23 3	24 48	1 6	25 10	1 23	19 58	1 33	8 57	1 22	7 16	0 53	4 47	2 30	15 53	0 49	17 11	1 27	28 15	4 52	23 45	23 46	24 34			n.a.
F 23	22 56	23 16	0s18	25 11	1 29	20 13	1 30	9 10	1 22	7 18	0 53	4 45	2 30	15 53	0 49	17 11	1 27	28 15	4 52	23 45	23 46	24 33			n.a.
S 24	22 49	20 5	1 40	25 10	1 34	20 28	1 27	9 23	1 21	7 20	0 52	4 43	2 30	15 54	0 49	17 12	1 27	28 15	4 52	23 45	23 47	24 33			n.a.
S 25	22 41	15 36	2 54	25 6	1 38	20 43	1 23	9 36	1 20	7 22	0 52	4 41	2 30	15 55	0 49	17 12	1 27	28 15	4 52	23 45	23 47	24 32			n.a.
M26	22 33	10 17	3 55	24 59	1 42	20 57	1 20	9 49	1 20	7 24	0 52	4 39	2 29	15 55	0 49	17 12	1 27	28 15	4 52	23 45	23 47	24 31			n.a.
T 27	22 25	4 34	4 40	24 50	1 45	21 11	1 17	10 2	1 19	7 26	0 52	4 37	2 29	15 56	0 49	17 13	1 27	28 15	4 52	23 45	23 47	24 30			n.a.
W28	22 16	1s11	5 7	24 38	1 46	21 24	1 13	10 14	1 19	7 28	0 51	4 36	2 29	15 57	0 49	17 13	1 27	28 15	4 52	23 45	23 47	24 30			n.a.
T 29	22 7	6 42	5 17	24 24	1 48	21 36	1 10	10 27	1 18	7 30	0 51	4 34	2 29	15 57	0 49	17 14	1 27	28 15	4 52	23 45	23 47	24 29			n.a.
F 30	21 58	11 45	5 10	24 8	1 48	21 48	1 7	10 39	1 18	7 33	0 51	4 32	2 28	15 58	0 49	17 14	1 27	28 15	4 52	23 45	23 47	24 28			n.a.
S 31	21n48	16s10	4s48	23n50	1n48	22n 0	1s 3	10n52	1s17	7s35	0n51	4n30	2n28	15s59	0s49	17s15	1s27	28s15	4s52	23s45	23s47	24s27			n.a.

Julian Day Number = 1197835.5, Delta T = 09h25m35s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'18, Lahiri = -23°44'17 Julian Calendar 1 July 1434 BCE == Greg. Calendar 18 June 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

AUGUST 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 45 11	24♋21'05	12♏18	23♋48	16♊32	1♉38	21♎ 9	24♍33	19°R34	17°R26	18°R57	5♑22	4♑22	27♐39	n.a.	S 1
M 2	19 49 8	25°19'32	24°19	25°42	17°42	2°11	21°15	24°37	19♒32	17♒25	18♐56	5°23	4°18	27°46	n.a.	M 2
T 3	19 53 4	26°18'00	6♐12	27°34	18°53	2°43	21°21	24°42	19°30	17°23	18°55	5°25	4°15	27°52	n.a.	T 3
W 4	19 57 1	27°16'31	18° 0	29°25	20° 3	3°15	21°27	24°47	19°28	17°22	18°54	5°26	4°12	27°59	n.a.	W 4
T 5	20 0 57	28°15'03	29°47	1♌16	21°14	3°47	21°33	24°52	19°25	17°20	18°53	5°R27	4° 9	28° 5	n.a.	T 5
F 6	20 4 54	29°13'38	11♑38	3° 5	22°25	4°19	21°39	24°56	19°23	17°19	18°52	5°27	4° 6	28°12	n.a.	F 6
S 7	20 8 50	0♌12'14	23°33	4°54	23°36	4°50	21°46	25° 1	19°21	17°17	18°51	5°26	4° 3	28°19	n.a.	S 7
S 8	20 12 47	1°10'53	5♒36	6°41	24°47	5°21	21°52	25° 6	19°19	17°16	18°50	5°23	3°59	28°25	n.a.	S 8
M 9	20 16 44	2° 9'34	17°48	8°27	25°59	5°52	21°59	25°11	19°16	17°14	18°49	5°20	3°56	28°32	n.a.	M 9
T 10	20 20 40	3° 8'16	0♓11	10°12	27°10	6°23	22° 6	25°16	19°14	17°12	18°48	5°15	3°53	28°39	n.a.	T 10
W11	20 24 37	4° 7'01	12°45	11°56	28°21	6°54	22°13	25°22	19°12	17°11	18°47	5°10	3°50	28°45	n.a.	W11
T 12	20 28 33	5° 5'49	25°33	13°40	29°33	7°24	22°20	25°27	19° 9	17° 9	18°47	5° 6	3°47	28°52	n.a.	T 12
F 13	20 32 30	6° 4'38	8♈34	15°22	0♋45	7°54	22°27	25°32	19° 7	17° 7	18°46	5° 2	3°43	28°59	n.a.	F 13
S 14	20 36 26	7° 3'31	21°51	17° 3	1°56	8°23	22°35	25°37	19° 5	17° 6	18°45	5° 0	3°40	29° 5	n.a.	S 14
S 15	20 40 23	8° 2'25	5♉25	18°43	3° 8	8°53	22°42	25°43	19° 2	17° 4	18°44	4°D59	3°37	29°12	n.a.	S 15
M16	20 44 19	9° 1'22	19°16	20°22	4°20	9°22	22°50	25°48	19° 0	17° 3	18°43	4°59	3°34	29°19	n.a.	M16
T 17	20 48 16	10° 0'22	3♊25	22° 1	5°32	9°51	22°58	25°54	18°58	17° 1	18°43	5° 0	3°31	29°25	n.a.	T 17
W18	20 52 12	10°59'24	17°50	23°38	6°44	10°20	23° 6	25°59	18°55	16°59	18°42	5° 2	3°28	29°32	n.a.	W18
T 19	20 56 9	11°58'29	2♋29	25°14	7°57	10°48	23°14	26° 5	18°53	16°58	18°41	5°R 2	3°24	29°39	n.a.	T 19
F 20	21 0 6	12°57'36	17°17	26°50	9° 9	11°16	23°22	26°11	18°51	16°56	18°40	5° 2	3°21	29°45	n.a.	F 20
S 21	21 4 2	13°56'45	2♌ 7	28°25	10°21	11°43	23°31	26°17	18°48	16°54	18°40	5° 0	3°18	29°52	n.a.	S 21
S 22	21 7 59	14°55'57	16°53	29°59	11°34	12°11	23°39	26°22	18°46	16°53	18°39	4°55	3°15	29°58	n.a.	S 22
M23	21 11 55	15°55'11	1♍26	1♍32	12°46	12°38	23°48	26°28	18°43	16°51	18°38	4°49	3°12	0♑ 5	n.a.	M23
T 24	21 15 52	16°54'26	15°40	3° 4	13°59	13° 5	23°57	26°34	18°41	16°49	18°38	4°43	3° 9	0°12	n.a.	T 24
W25	21 19 48	17°53'44	29°29	4°35	15°12	13°31	24° 6	26°40	18°38	16°48	18°37	4°36	3° 5	0°18	n.a.	W25
T 26	21 23 45	18°53'04	12♎52	6° 5	16°25	13°57	24°15	26°46	18°36	16°46	18°37	4°30	3° 2	0°25	n.a.	T 26
F 27	21 27 41	19°52'26	25°50	7°35	17°38	14°23	24°24	26°52	18°34	16°44	18°36	4°25	2°59	0°32	n.a.	F 27
S 28	21 31 38	20°51'50	8♏25	9° 4	18°51	14°48	24°33	26°58	18°31	16°43	18°36	4°22	2°56	0°38	n.a.	S 28
S 29	21 35 34	21°51'15	20°40	10°32	20° 4	15°13	24°42	27° 4	18°29	16°41	18°35	4°D21	2°53	0°45	n.a.	S 29
M30	21 39 31	22°50'43	2♐41	11°59	21°17	15°37	24°52	27°10	18°26	16°39	18°35	4°22	2°49	0°52	n.a.	M30
T 31	21 43 28	23♌50'13	14♐32	13♍25	22♋30	16♉ 2	25♎ 1	27♍17	18♒24	16♒38	18♐34	4♑23	2♑46	0♑58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n38	19s48	4s13	23n29	1n48	22n11	1s 0	11n 4	1s16	7s37	0n50	4n28	2n28	15s59	0s49	17s15	1s27	28s15	4s52	23s45	23s47	24s27			n.a.
M 2	21 27	22 32	3 28	23 7	1 46	22 21	0 56	11 16	1 16	7 40	0 50	4 26	2 28	16 0	0 49	17 16	1 27	28 14	4 52	23 45	23 48	24 26			n.a.
T 3	21 16	24 16	2 35	22 43	1 45	22 31	0 53	11 28	1 15	7 42	0 50	4 24	2 28	16 1	0 49	17 16	1 27	28 14	4 52	23 45	23 48	24 25			n.a.
W 4	21 4	24 53	1 35	22 18	1 42	22 40	0 49	11 39	1 14	7 44	0 50	4 21	2 27	16 1	0 49	17 17	1 27	28 14	4 52	23 45	23 48	24 24			n.a.
T 5	20 53	24 23	0 31	21 51	1 40	22 48	0 46	11 51	1 14	7 47	0 49	4 19	2 27	16 2	0 49	17 17	1 27	28 14	4 52	23 45	23 48	24 24			n.a.
F 6	20 40	22 47	0n34	21 23	1 37	22 56	0 43	12 2	1 13	7 50	0 49	4 17	2 27	16 3	0 49	17 18	1 27	28 14	4 52	23 45	23 48	24 23			n.a.
S 7	20 28	20 10	1 38	20 53	1 33	23 3	0 39	12 14	1 12	7 52	0 49	4 15	2 27	16 4	0 49	17 18	1 27	28 14	4 52	23 45	23 48	24 22			n.a.
S 8	20 15	16 39	2 38	20 22	1 29	23 10	0 36	12 25	1 12	7 55	0 49	4 13	2 27	16 4	0 49	17 19	1 27	28 14	4 52	23 45	23 48	24 21			n.a.
M 9	20 2	12 24	3 32	19 50	1 25	23 16	0 32	12 36	1 11	7 58	0 48	4 11	2 26	16 5	0 49	17 19	1 27	28 14	4 52	23 45	23 48	24 20			n.a.
T 10	19 48	7 37	4 17	19 17	1 21	23 21	0 29	12 47	1 10	8 1	0 48	4 8	2 26	16 6	0 49	17 20	1 27	28 14	4 52	23 45	23 48	24 20			n.a.
W11	19 34	2 26	4 49	18 43	1 16	23 26	0 25	12 58	1 9	8 4	0 48	4 6	2 26	16 7	0 49	17 20	1 27	28 14	4 52	23 46	23 48	24 19			n.a.
T 12	19 20	2n54	5 9	18 9	1 11	23 30	0 22	13 9	1 9	8 7	0 48	4 4	2 26	16 7	0 49	17 21	1 27	28 13	4 52	23 46	23 49	24 18			n.a.
F 13	19 5	8 13	5 12	17 33	1 5	23 33	0 19	13 19	1 8	8 9	0 47	4 2	2 26	16 8	0 49	17 22	1 27	28 13	4 52	23 46	23 49	24 17			n.a.
S 14	18 50	13 16	4 59	16 57	1 0	23 36	0 15	13 30	1 7	8 13	0 47	3 59	2 26	16 9	0 49	17 22	1 27	28 13	4 52	23 46	23 49	24 16			n.a.
S 15	18 35	17 47	4 30	16 20	0 54	23 37	0 12	13 40	1 6	8 16	0 47	3 57	2 25	16 10	0 49	17 23	1 27	28 13	4 52	23 46	23 49	24 16			n.a.
M16	18 19	21 26	3 44	15 43	0 48	23 39	0 9	13 50	1 5	8 19	0 47	3 55	2 25	16 10	0 49	17 23	1 27	28 13	4 52	23 46	23 49	24 15			n.a.
T 17	18 3	23 54	2 44	15 5	0 42	23 39	0 5	14 0	1 4	8 22	0 46	3 52	2 25	16 11	0 49	17 24	1 27	28 13	4 52	23 46	23 49	24 14			n.a.
W18	17 47	24 50	1 33	14 26	0 35	23 39	0 2	14 10	1 4	8 25	0 46	3 50	2 25	16 12	0 49	17 24	1 27	28 13	4 52	23 46	23 49	24 13			n.a.
T 19	17 30	24 4	0 14	13 47	0 29	23 38	0n 1	14 20	1 3	8 28	0 46	3 47	2 25	16 13	0 49	17 25	1 27	28 13	4 52	23 46	23 49	24 12			n.a.
F 20	17 13	21 38	1s 6	13 8	0 22	23 37	0 4	14 30	1 2	8 32	0 46	3 45	2 25	16 13	0 49	17 25	1 27	28 13	4 52	23 46	23 49	24 11			n.a.
S 21	16 56	17 44	2 22	12 28	0 15	23 34	0 7	14 39	1 1	8 35	0 46	3 42	2 24	16 14	0 49	17 26	1 27	28 13	4 52	23 46	23 49	24 10			n.a.
S 22	16 39	12 45	3 28	11 49	0 9	23 31	0 10	14 49	1 0	8 38	0 45	3 40	2 24	16 15	0 49	17 26	1 27	28 13	4 52	23 46	23 49	24 9			n.a.
M23	16 21	7 8	4 19	11 9	0 2	23 28	0 14	14 58	0 59	8 42	0 45	3 37	2 24	16 16	0 49	17 27	1 27	28 12	4 51	23 46	23 49	24 9			n.a.
T 24	16 3	1 16	4 53	10 29	0s 6	23 23	0 17	15 7	0 58	8 45	0 45	3 35	2 24	16 17	0 49	17 27	1 27	28 12	4 51	23 47	23 50	24 8			n.a.
W25	15 44	4s29	5 8	9 48	0 13	23 18	0 20	15 16	0 57	8 49	0 45	3 32	2 24	16 17	0 49	17 28	1 27	28 12	4 51	23 47	23 50	24 7			n.a.
T 26	15 26	9 51	5 6	9 8	0 20	23 12	0 23	15 25	0 56	8 53	0 44	3 30	2 24	16 18	0 49	17 28	1 27	28 12	4 51	23 47	23 50	24 6			n.a.
F 27	15 7	14 37	4 48	8 27	0 27	23 6	0 25	15 33	0 55	8 56	0 44	3 27	2 23	16 19	0 49	17 29	1 27	28 12	4 51	23 47	23 50	24 5			n.a.
S 28	14 48	18 36	4 17	7 47	0 34	22 59	0 28	15 42	0 54	9 0	0 44	3 25	2 23	16 20	0 49	17 29	1 27	28 12	4 51	23 47	23 50	24 4			n.a.
S 29	14 28	21 40	3 34	7 7	0 42	22 51	0 31	15 50	0 53	9 3	0 44	3 22	2 23	16 20	0 49	17 30	1 27	28 12	4 51	23 47	23 50	24 3			n.a.
M30	14 9	23 44	2 43	6 26	0 49	22 42	0 34	15 59	0 52	9 7	0 44	3 19	2 23	16 21	0 49	17 30	1 27	28 12	4 51	23 47	23 50	24 2			n.a.
T 31	13n49	24s42	1s45	5n46	0s56	22n33	0n37	16n 7	0s51	9s11	0n43	3n17	2n23	16s22	0s49	17s31	1s27	28s12	4s51	23s47	23s50	24s 1			n.a.

Julian Day Number = 1197866.5, Delta T = 09h25m33s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'14, Lahiri = -23°44'13 Julian Calendar 1 Aug. 1434 BCE == Greg. Calendar 19 July 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

SEPTEMBER 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 47 24	24♌49'44	26♐20	14♍50	23♋43	16♉26	25♎11	27♍23	18°R21	16°R36	18°R34	4♑24	2♑43	1♑ 5	n.a.	W 1
T 2	21 51 21	25°49'18	8♑ 8	16°14	24°57	16°49	25°21	27°29	18♒19	16♒34	18♐34	4°R25	2°40	1°12	n.a.	T 2
F 3	21 55 17	26°48'53	20° 2	17°37	26°10	17°12	25°31	27°36	18°17	16°33	18°33	4°23	2°37	1°18	n.a.	F 3
S 4	21 59 14	27°48'31	2♒ 4	19° 0	27°24	17°35	25°41	27°42	18°14	16°31	18°33	4°19	2°34	1°25	n.a.	S 4
S 5	22 3 10	28°48'11	14°19	20°21	28°37	17°57	25°51	27°48	18°12	16°29	18°33	4°13	2°30	1°32	n.a.	S 5
M 6	22 7 7	29°47'52	26°46	21°41	29°51	18°19	26° 1	27°55	18°10	16°28	18°32	4° 5	2°27	1°38	n.a.	M 6
T 7	22 11 3	0♍47'36	9♓27	23° 0	1♌ 4	18°40	26°12	28° 1	18° 7	16°26	18°32	3°55	2°24	1°45	n.a.	T 7
W 8	22 15 0	1°47'22	22°22	24°18	2°18	19° 1	26°22	28° 8	18° 5	16°24	18°32	3°45	2°21	1°51	n.a.	W 8
T 9	22 18 56	2°47'10	5♈30	25°35	3°32	19°22	26°33	28°14	18° 3	16°23	18°32	3°34	2°18	1°58	n.a.	T 9
F 10	22 22 53	3°47'00	18°50	26°50	4°46	19°42	26°43	28°21	18° 0	16°21	18°32	3°25	2°15	2° 5	n.a.	F 10
S 11	22 26 50	4°46'53	2♉20	28° 3	6° 0	20° 1	26°54	28°27	17°58	16°20	18°32	3°19	2°11	2°11	n.a.	S 11
S 12	22 30 46	5°46'48	16° 1	29°15	7°14	20°20	27° 5	28°34	17°56	16°18	18°31	3°15	2° 8	2°18	n.a.	S 12
M13	22 34 43	6°46'46	29°51	0♎26	8°28	20°39	27°16	28°41	17°53	16°17	18°31	3°13	2° 5	2°25	n.a.	M13
T 14	22 38 39	7°46'46	13♊51	1°34	9°42	20°57	27°27	28°47	17°51	16°15	18°31	3°D13	2° 2	2°31	n.a.	T 14
W15	22 42 36	8°46'48	28° 0	2°40	10°56	21°15	27°38	28°54	17°49	16°14	18°D31	3°R13	1°59	2°38	n.a.	W15
T 16	22 46 32	9°46'53	12♋17	3°44	12°11	21°32	27°49	29° 1	17°47	16°12	18°31	3°13	1°55	2°45	n.a.	T 16
F 17	22 50 29	10°47'00	26°40	4°45	13°25	21°48	28° 0	29° 8	17°45	16°11	18°31	3°11	1°52	2°51	n.a.	F 17
S 18	22 54 25	11°47'09	11♌ 6	5°43	14°39	22° 4	28°12	29°14	17°42	16° 9	18°32	3° 6	1°49	2°58	n.a.	S 18
S 19	22 58 22	12°47'20	25°29	6°38	15°54	22°19	28°23	29°21	17°40	16° 8	18°32	2°59	1°46	3° 5	n.a.	S 19
M20	23 2 19	13°47'34	9♍44	7°29	17° 8	22°34	28°35	29°28	17°38	16° 6	18°32	2°49	1°43	3°11	n.a.	M20
T 21	23 6 15	14°47'49	23°45	8°17	18°23	22°49	28°46	29°35	17°36	16° 5	18°32	2°37	1°40	3°18	n.a.	T 21
W22	23 10 12	15°48'06	7♎27	9° 0	19°37	23° 2	28°58	29°42	17°34	16° 3	18°32	2°25	1°36	3°24	n.a.	W22
T 23	23 14 8	16°48'26	20°47	9°38	20°52	23°15	29°10	29°49	17°32	16° 2	18°32	2°14	1°33	3°31	n.a.	T 23
F 24	23 18 5	17°48'46	3♏44	10°10	22° 7	23°28	29°22	29°56	17°30	16° 1	18°33	2° 4	1°30	3°38	n.a.	F 24
S 25	23 22 1	18°49'09	16°19	10°37	23°21	23°39	29°33	0♎ 3	17°28	15°59	18°33	1°58	1°27	3°44	n.a.	S 25
S 26	23 25 58	19°49'33	28°35	10°57	24°36	23°50	29°45	0° 9	17°26	15°58	18°33	1°53	1°24	3°51	n.a.	S 26
M27	23 29 54	20°49'59	10♐36	11° 9	25°51	24° 1	29°58	0°16	17°24	15°57	18°34	1°52	1°20	3°58	n.a.	M27
T 28	23 33 51	21°50'27	22°28	11°R14	27° 6	24°11	0♏10	0°23	17°22	15°55	18°34	1°D51	1°17	4° 4	n.a.	T 28
W29	23 37 47	22°50'56	4♑16	11°10	28°20	24°20	0°22	0°30	17°20	15°54	18°34	1°R51	1°14	4°11	n.a.	W29
T 30	23 41 44	23♍51'26	16♑ 5	10♎56	29♌35	24♉28	0♏34	0♎37	17♒19	15♒53	18♐35	1♑51	1♑11	4♑18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n29	24s32	0s44	5n 6	1s 3	22n23	0n39	16n15	0s50	9s15	0n43	3n14	2n23	16s23	0s49	17s32	1s27	28s12	4s51	23s47	23s50	24s 0		n.a.
T 2	13 8	23 16	0n20	4 26	1 11	22 13	0 42	16 23	0 49	9 19	0 43	3 12	2 23	16 23	0 49	17 32	1 27	28 12	4 51	23 47	23 50	23 59		n.a.
F 3	12 48	20 58	1 23	3 47	1 18	22 1	0 45	16 30	0 48	9 22	0 43	3 9	2 23	16 24	0 49	17 33	1 27	28 11	4 51	23 47	23 50	23 58		n.a.
S 4	12 27	17 43	2 23	3 8	1 25	21 49	0 47	16 38	0 47	9 26	0 43	3 6	2 22	16 25	0 49	17 33	1 27	28 11	4 51	23 47	23 50	23 58		n.a.
S 5	12 6	13 41	3 17	2 29	1 32	21 37	0 50	16 45	0 45	9 30	0 42	3 3	2 22	16 26	0 49	17 34	1 27	28 11	4 51	23 48	23 50	23 57		n.a.
M 6	11 45	9 1	4 3	1 50	1 39	21 23	0 52	16 53	0 44	9 34	0 42	3 1	2 22	16 26	0 49	17 34	1 27	28 11	4 51	23 48	23 50	23 56		n.a.
T 7	11 23	3 53	4 38	1 12	1 46	21 9	0 54	17 0	0 43	9 38	0 42	2 58	2 22	16 27	0 49	17 35	1 27	28 11	4 51	23 48	23 50	23 55		n.a.
W 8	11 2	1n29	4 59	0 35	1 53	20 55	0 57	17 7	0 42	9 42	0 42	2 55	2 22	16 28	0 49	17 35	1 27	28 11	4 51	23 49	23 51	23 54		n.a.
T 9	10 40	6 52	5 4	0s 2	1 59	20 40	0 59	17 14	0 40	9 46	0 42	2 53	2 22	16 29	0 49	17 35	1 27	28 11	4 51	23 49	23 51	23 53		n.a.
F 10	10 18	12 1	4 54	0 38	2 6	20 24	1 1	17 21	0 39	9 50	0 41	2 50	2 22	16 29	0 49	17 36	1 27	28 11	4 51	23 49	23 51	23 52		n.a.
S 11	9 56	16 39	4 27	1 13	2 12	20 8	1 3	17 27	0 38	9 54	0 41	2 47	2 22	16 30	0 49	17 36	1 27	28 11	4 51	23 49	23 51	23 51		n.a.
S 12	9 33	20 29	3 44	1 48	2 18	19 50	1 5	17 34	0 37	9 59	0 41	2 44	2 22	16 31	0 49	17 37	1 27	28 11	4 51	23 49	23 51	23 50		n.a.
M13	9 11	23 13	2 48	2 22	2 24	19 33	1 7	17 40	0 35	10 3	0 41	2 42	2 22	16 31	0 49	17 37	1 27	28 11	4 50	23 49	23 51	23 49		n.a.
T 14	8 48	24 33	1 41	2 54	2 29	19 15	1 9	17 46	0 34	10 7	0 41	2 39	2 21	16 32	0 49	17 38	1 27	28 11	4 50	23 49	23 51	23 48		n.a.
W15	8 25	24 19	0 28	3 26	2 34	18 56	1 11	17 52	0 32	10 11	0 40	2 36	2 21	16 33	0 49	17 38	1 27	28 11	4 50	23 49	23 51	23 47		n.a.
T 16	8 2	22 29	0s48	3 56	2 39	18 37	1 13	17 58	0 31	10 15	0 40	2 33	2 21	16 33	0 49	17 39	1 27	28 11	4 50	23 49	23 51	23 46		n.a.
F 17	7 39	19 12	2 1	4 25	2 43	18 17	1 15	18 4	0 30	10 20	0 40	2 30	2 21	16 34	0 49	17 39	1 27	28 11	4 50	23 49	23 51	23 45		n.a.
S 18	7 16	14 45	3 7	4 52	2 47	17 56	1 16	18 9	0 28	10 24	0 40	2 28	2 21	16 35	0 49	17 40	1 27	28 10	4 50	23 50	23 51	23 44		n.a.
S 19	6 52	9 29	4 0	5 17	2 51	17 35	1 18	18 15	0 27	10 28	0 40	2 25	2 21	16 35	0 49	17 40	1 27	28 10	4 50	23 50	23 51	23 43		n.a.
M20	6 29	3 46	4 38	5 41	2 54	17 14	1 19	18 20	0 25	10 33	0 40	2 22	2 21	16 36	0 49	17 41	1 27	28 10	4 50	23 50	23 51	23 42		n.a.
T 21	6 5	2s 1	4 58	6 2	2 56	16 52	1 21	18 25	0 23	10 37	0 39	2 19	2 21	16 37	0 49	17 41	1 27	28 10	4 50	23 50	23 51	23 40		n.a.
W22	5 42	7 35	5 1	6 21	2 58	16 29	1 22	18 30	0 22	10 41	0 39	2 16	2 21	16 37	0 49	17 41	1 27	28 10	4 50	23 50	23 51	23 39		n.a.
T 23	5 18	12 39	4 46	6 37	2 59	16 6	1 23	18 35	0 20	10 46	0 39	2 13	2 21	16 38	0 49	17 42	1 27	28 10	4 50	23 51	23 51	23 38		n.a.
F 24	4 54	17 0	4 18	6 50	2 59	15 43	1 25	18 40	0 19	10 50	0 39	2 11	2 21	16 38	0 49	17 42	1 27	28 10	4 50	23 51	23 51	23 37		n.a.
S 25	4 30	20 28	3 37	6 59	2 58	15 19	1 26	18 45	0 17	10 55	0 39	2 8	2 21	16 39	0 49	17 43	1 27	28 10	4 50	23 51	23 51	23 36		n.a.
S 26	4 6	22 54	2 47	7 5	2 56	14 55	1 27	18 49	0 15	10 59	0 39	2 5	2 21	16 40	0 49	17 43	1 27	28 10	4 50	23 51	23 51	23 35		n.a.
M27	3 42	24 15	1 50	7 7	2 52	14 30	1 28	18 53	0 14	11 3	0 38	2 2	2 21	16 40	0 49	17 43	1 27	28 10	4 50	23 51	23 51	23 34		n.a.
T 28	3 17	24 28	0 50	7 5	2 48	14 5	1 29	18 58	0 12	11 8	0 38	1 59	2 21	16 41	0 49	17 44	1 27	28 10	4 50	23 51	23 51	23 33		n.a.
W29	2 53	23 35	0n13	6 58	2 42	13 39	1 30	19 2	0 10	11 12	0 38	1 56	2 21	16 41	0 49	17 44	1 27	28 10	4 49	23 51	23 51	23 32		n.a.
T 30	2n29	21s38	1n15	6s45	2s34	13n13	1n30	19n 5	0s 8	11s17	0n38	1n53	2n21	16s42	0s49	17s44	1s27	28s10	4s49	23s51	23s51	23s31		n.a.

Julian Day Number = 1197897.5, Delta T = 09h25m32s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'09, Lahiri = -23°44'09 Julian Calendar 1 Sept. 1434 BCE == Greg. Calendar 19 Aug. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

OCTOBER 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 45 41	24♍51'58	28♉ 1	10°R33	0♍50	24♉36	0♏46	0♎44	17°R17	15°R52	18♐35	1°R48	1♉ 8	4♉24	n.a.	F 1
S 2	23 49 37	25°52'32	10♒ 8	10♎ 0	2° 5	24°43	0°59	0°51	17♒15	15♒50	18°36	1♉43	1° 5	4°31	n.a.	S 2
S 3	23 53 34	26°53'07	22°31	9°16	3°20	24°49	1°11	0°58	17°13	15°49	18°36	1°35	1° 1	4°38	n.a.	S 3
M 4	23 57 30	27°53'43	5♓11	8°23	4°35	24°55	1°24	1° 5	17°12	15°48	18°37	1°25	0°58	4°44	n.a.	M 4
T 5	0 1 27	28°54'21	18°10	7°21	5°50	25° 0	1°36	1°12	17°10	15°47	18°37	1°12	0°55	4°51	n.a.	T 5
W 6	0 5 23	29°55'00	1♈27	6°12	7° 5	25° 4	1°49	1°19	17° 8	15°46	18°38	0°59	0°52	4°58	n.a.	W 6
T 7	0 9 20	0♎55'42	15° 0	4°56	8°20	25° 7	2° 2	1°26	17° 7	15°45	18°39	0°46	0°49	5° 4	n.a.	T 7
F 8	0 13 16	1°56'24	28°45	3°36	9°36	25°10	2°15	1°33	17° 5	15°44	18°39	0°34	0°46	5°11	n.a.	F 8
S 9	0 17 13	2°57'09	12♉40	2°15	10°51	25°12	2°27	1°40	17° 4	15°43	18°40	0°25	0°42	5°17	n.a.	S 9
S 10	0 21 10	3°57'55	26°40	0°55	12° 6	25°13	2°40	1°47	17° 2	15°42	18°41	0°20	0°39	5°24	n.a.	S 10
M11	0 25 6	4°58'43	10♊44	29♍39	13°21	25°R13	2°53	1°54	17° 1	15°41	18°41	0°17	0°36	5°31	n.a.	M11
T 12	0 29 3	5°59'33	24°48	28°29	14°36	25°12	3° 6	2° 1	17° 0	15°40	18°42	0°16	0°33	5°37	n.a.	T 12
W13	0 32 59	7° 0'25	8♋53	27°28	15°52	25°10	3°19	2° 8	16°58	15°39	18°43	0°16	0°30	5°44	n.a.	W13
T 14	0 36 56	8° 1'18	22°57	26°37	17° 7	25° 8	3°32	2°15	16°57	15°38	18°44	0°15	0°26	5°51	n.a.	T 14
F 15	0 40 52	9° 2'13	7♌ 0	25°57	18°22	25° 5	3°45	2°22	16°56	15°37	18°45	0°13	0°23	5°57	n.a.	F 15
S 16	0 44 49	10° 3'10	21° 1	25°29	19°38	25° 1	3°58	2°29	16°55	15°36	18°45	0° 8	0°20	6° 4	n.a.	S 16
S 17	0 48 45	11° 4'08	4♍56	25°12	20°53	24°56	4°12	2°36	16°53	15°36	18°46	29♐59	0°17	6°11	n.a.	S 17
M18	0 52 42	12° 5'07	18°45	25°D 6	22° 8	24°50	4°25	2°43	16°52	15°35	18°47	29°49	0°14	6°17	n.a.	M18
T 19	0 56 39	13° 6'08	2♎22	25°12	23°24	24°44	4°38	2°50	16°51	15°34	18°48	29°36	0°11	6°24	n.a.	T 19
W20	1 0 35	14° 7'10	15°45	25°27	24°39	24°36	4°51	2°57	16°50	15°33	18°49	29°23	0° 7	6°31	n.a.	W20
T 21	1 4 32	15° 8'13	28°51	25°52	25°55	24°28	5° 5	3° 4	16°49	15°33	18°50	29°11	0° 4	6°37	n.a.	T 21
F 22	1 8 28	16° 9'17	11♏39	26°25	27°10	24°19	5°18	3°11	16°48	15°32	18°51	29° 1	0° 1	6°44	n.a.	F 22
S 23	1 12 25	17°10'23	24° 9	27° 6	28°26	24° 8	5°32	3°18	16°48	15°31	18°52	28°53	29♐58	6°50	n.a.	S 23
S 24	1 16 21	18°11'29	6♐22	27°53	29°41	23°58	5°45	3°25	16°47	15°31	18°53	28°48	29°55	6°57	n.a.	S 24
M25	1 20 18	19°12'36	18°23	28°46	0♎57	23°46	5°59	3°32	16°46	15°30	18°54	28°45	29°51	7° 4	n.a.	M25
T 26	1 24 14	20°13'44	0♑14	29°44	2°12	23°33	6°12	3°39	16°45	15°30	18°55	28°D45	29°48	7°10	n.a.	T 26
W27	1 28 11	21°14'52	12° 1	0♎47	3°28	23°20	6°26	3°45	16°45	15°29	18°57	28°45	29°45	7°17	n.a.	W27
T 28	1 32 8	22°16'01	23°50	1°53	4°43	23° 6	6°39	3°52	16°44	15°29	18°58	28°R45	29°42	7°24	n.a.	T 28
F 29	1 36 4	23°17'11	5♒46	3° 3	5°59	22°51	6°53	3°59	16°43	15°28	18°59	28°44	29°39	7°30	n.a.	F 29
S 30	1 40 1	24°18'21	17°54	4°16	7°14	22°35	7° 6	4° 6	16°43	15°28	19° 0	28°42	29°36	7°37	n.a.	S 30
S 31	1 43 57	25♎19'32	0♓19	5♎32	8♎30	22♉19	7♏20	4♎12	16♒42	15♒28	19♐ 1	28♐36	29♐32	7♑44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2n 4	18s44	2n14	6s27	2s25	12n47	1n31	19n 9	0s 6	11s21	0n38	1n51	2n21	16s42	0s49	17s45	1s27	28s10	4s49	23s51	23s52	23s30		n.a.	
S 2	1 40	15 0	3 8	6 4	2 13	12 20	1 32	19 13	0 4	11 26	0 38	1 48	2 21	16 43	0 49	17 45	1 27	28 10	4 49	23 51	23 52	23 29		n.a.	
S 3	1 16	10 34	3 54	5 35	2 1	11 53	1 32	19 16	0 3	11 31	0 37	1 45	2 20	16 43	0 49	17 45	1 27	28 10	4 49	23 51	23 52	23 27		n.a.	
M 4	0 51	5 36	4 30	5 0	1 46	11 26	1 33	19 19	0 1	11 35	0 37	1 42	2 20	16 44	0 49	17 46	1 27	28 10	4 49	23 51	23 52	23 26		n.a.	
T 5	0 27	0 17	4 52	4 20	1 29	10 58	1 33	19 22	0n 1	11 40	0 37	1 39	2 20	16 44	0 49	17 46	1 27	28 10	4 49	23 51	23 52	23 25		n.a.	
W 6	0 2	5n10	5 0	3 35	1 11	10 30	1 34	19 25	0 3	11 44	0 37	1 36	2 20	16 45	0 49	17 46	1 27	28 10	4 49	23 52	23 52	23 24		n.a.	
T 7	0s23	10 28	4 51	2 47	0 52	10 2	1 34	19 28	0 5	11 49	0 37	1 33	2 20	16 45	0 49	17 47	1 27	28 10	4 49	23 52	23 52	23 23		n.a.	
F 8	0 47	15 20	4 25	1 56	0 32	9 33	1 34	19 31	0 7	11 53	0 37	1 31	2 20	16 46	0 49	17 47	1 27	28 10	4 49	23 52	23 52	23 22		n.a.	
S 9	1 12	19 27	3 43	1 5	0 11	9 5	1 34	19 33	0 10	11 58	0 37	1 28	2 20	16 46	0 49	17 47	1 27	28 10	4 49	23 52	23 52	23 21		n.a.	
S 10	1 36	22 28	2 48	0 13	0n10	8 35	1 34	19 36	0 12	12 3	0 36	1 25	2 20	16 47	0 49	17 48	1 27	28 10	4 49	23 52	23 52	23 19		n.a.	
M11	2 1	24 7	1 41	0n36	0 30	8 6	1 34	19 38	0 14	12 7	0 36	1 22	2 20	16 47	0 49	17 48	1 27	28 10	4 49	23 52	23 52	23 18		n.a.	
T 12	2 25	24 14	0 29	1 21	0 49	7 36	1 34	19 40	0 16	12 12	0 36	1 19	2 20	16 47	0 49	17 48	1 27	28 10	4 49	23 52	23 52	23 17		n.a.	
W13	2 50	22 48	0s45	2 2	1 7	7 7	1 34	19 41	0 18	12 17	0 36	1 16	2 20	16 48	0 49	17 48	1 27	28 10	4 49	23 52	23 52	23 16		n.a.	
T 14	3 14	19 57	1 57	2 38	1 23	6 36	1 34	19 43	0 20	12 21	0 36	1 14	2 20	16 48	0 49	17 49	1 27	28 10	4 49	23 52	23 52	23 15		n.a.	
F 15	3 39	15 56	3 1	3 7	1 38	6 6	1 33	19 44	0 23	12 26	0 36	1 11	2 20	16 49	0 49	17 49	1 27	28 10	4 49	23 52	23 52	23 14		n.a.	
S 16	4 3	11 3	3 54	3 30	1 50	5 36	1 33	19 46	0 25	12 31	0 36	1 8	2 20	16 49	0 49	17 49	1 27	28 10	4 49	23 52	23 52	23 12		n.a.	
S 17	4 27	5 38	4 33	3 47	2 1	5 5	1 33	19 47	0 27	12 35	0 35	1 5	2 20	16 49	0 49	17 49	1 27	28 10	4 49	23 52	23 52	23 11		n.a.	
M18	4 52	0 1	4 55	3 57	2 10	4 34	1 32	19 48	0 30	12 40	0 35	1 2	2 21	16 49	0 49	17 49	1 27	28 10	4 48	23 52	23 52	23 10		n.a.	
T 19	5 16	5s32	5 1	4 1	2 17	4 4	1 31	19 48	0 32	12 45	0 35	1 0	2 21	16 50	0 48	17 50	1 26	28 10	4 48	23 52	23 52	23 9		n.a.	
W20	5 40	10 44	4 49	4 0	2 22	3 33	1 31	19 49	0 35	12 49	0 35	0 57	2 21	16 50	0 48	17 50	1 26	28 10	4 48	23 52	23 52	23 8		n.a.	
T 21	6 4	15 20	4 22	3 53	2 26	3 1	1 30	19 49	0 37	12 54	0 35	0 54	2 21	16 50	0 48	17 50	1 26	28 10	4 48	23 52	23 52	23 6		n.a.	
F 22	6 28	19 7	3 43	3 42	2 28	2 30	1 29	19 49	0 39	12 59	0 35	0 51	2 21	16 51	0 48	17 50	1 26	28 10	4 48	23 52	23 52	23 5		n.a.	
S 23	6 52	21 56	2 53	3 27	2 29	1 59	1 28	19 49	0 42	13 3	0 35	0 49	2 21	16 51	0 48	17 50	1 26	28 10	4 48	23 52	23 52	23 4		n.a.	
S 24	7 15	23 40	1 56	3 8	2 29	1 28	1 27	19 49	0 44	13 8	0 35	0 46	2 21	16 51	0 48	17 50	1 26	28 10	4 48	23 51	23 52	23 3		n.a.	
M25	7 39	24 15	0 55	2 45	2 28	0 56	1 26	19 48	0 47	13 12	0 34	0 43	2 21	16 51	0 48	17 51	1 26	28 11	4 48	23 51	23 52	23 2		n.a.	
T 26	8 2	23 44	0n 8	2 20	2 26	0 25	1 25	19 47	0 50	13 17	0 34	0 40	2 21	16 51	0 48	17 51	1 26	28 11	4 48	23 51	23 52	23 0		n.a.	
W27	8 26	22 9	1 10	1 53	2 24	0s 7	1 24	19 46	0 52	13 22	0 34	0 38	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 59		n.a.	
T 28	8 49	19 35	2 10	1 23	2 20	0 38	1 23	19 45	0 55	13 26	0 34	0 35	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 58		n.a.	
F 29	9 12	16 11	3 4	0 51	2 17	1 10	1 22	19 44	0 57	13 31	0 34	0 32	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 57		n.a.	
S 30	9 35	12 5	3 51	0 17	2 12	1 41	1 21	19 42	1 0	13 36	0 34	0 30	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 55		n.a.	
S 31	9s58	7s23	4n28	0s17	2n 7	2s13	1n19	19n41	1n 2	13s40	0n34	0n27	2n21	16s52	0s48	17s51	1s26	28s11	4s48	23s51	23s52	22s54		n.a.	

Julian Day Number = 1197927.5, Delta T = 09h25m30s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'05, Lahiri = -23°44'05 Julian Calendar 1 Oct. 1434 BCE == Greg. Calendar 18 Sept. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

NOVEMBER 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 47 54	26♎20'43	13♓ 4	6♎49	9♎45	22°R 2	7♏34	4♎19	16°R42	15°R27	19♐ 3	28°R28	29♐29	7♑50	n.a.	M 1
T 2	1 51 50	27°21'55	26°13	8° 8	11° 1	21♉44	7°47	4°26	16♒42	15♒27	19° 4	28♐19	29°26	7°57	n.a.	T 2
W 3	1 55 47	28°23'07	9♈45	9°30	12°16	21°25	8° 1	4°32	16°41	15°27	19° 5	28° 8	29°23	8° 4	n.a.	W 3
T 4	1 59 43	29°24'20	23°38	10°52	13°32	21° 6	8°15	4°39	16°41	15°27	19° 7	27°58	29°20	8°10	n.a.	T 4
F 5	2 3 40	0♏25'33	7♉49	12°16	14°47	20°47	8°29	4°46	16°41	15°27	19° 8	27°49	29°17	8°17	n.a.	F 5
S 6	2 7 37	1°26'48	22°11	13°40	16° 3	20°26	8°42	4°52	16°41	15°26	19° 9	27°42	29°13	8°24	n.a.	S 6
S 7	2 11 33	2°28'02	6♊39	15° 6	17°18	20° 6	8°56	4°59	16°40	15°26	19°11	27°37	29°10	8°30	n.a.	S 7
M 8	2 15 30	3°29'18	21° 7	16°33	18°34	19°44	9°10	5° 5	16°40	15°26	19°12	27°D35	29° 7	8°37	n.a.	M 8
T 9	2 19 26	4°30'34	5♋31	18° 0	19°49	19°22	9°24	5°12	16°D40	15°D26	19°13	27°35	29° 4	8°43	n.a.	T 9
W10	2 23 23	5°31'51	19°47	19°28	21° 5	19° 0	9°38	5°18	16°40	15°26	19°15	27°36	29° 1	8°50	n.a.	W10
T 11	2 27 19	6°33'08	3♌53	20°56	22°21	18°37	9°51	5°24	16°41	15°26	19°16	27°R37	28°57	8°57	n.a.	T 11
F 12	2 31 16	7°34'26	17°49	22°25	23°36	18°14	10° 5	5°31	16°41	15°26	19°18	27°37	28°54	9° 3	n.a.	F 12
S 13	2 35 13	8°35'45	1♍34	23°54	24°52	17°51	10°19	5°37	16°41	15°26	19°19	27°34	28°51	9°10	n.a.	S 13
S 14	2 39 9	9°37'04	15° 9	25°24	26° 7	17°28	10°33	5°43	16°41	15°27	19°21	27°29	28°48	9°17	n.a.	S 14
M15	2 43 6	10°38'24	28°32	26°54	27°23	17° 4	10°47	5°49	16°41	15°27	19°22	27°23	28°45	9°23	n.a.	M15
T 16	2 47 2	11°39'43	11♎43	28°25	28°38	16°40	11° 1	5°56	16°42	15°27	19°24	27°15	28°42	9°30	n.a.	T 16
W17	2 50 59	12°41'04	24°42	29°56	29°54	16°16	11°14	6° 2	16°42	15°27	19°25	27° 6	28°38	9°37	n.a.	W17
T 18	2 54 55	13°42'24	7♏27	1♏27	1♏ 9	15°52	11°28	6° 8	16°43	15°27	19°27	26°58	28°35	9°43	n.a.	T 18
F 19	2 58 52	14°43'44	19°59	2°59	2°25	15°28	11°42	6°14	16°43	15°28	19°29	26°51	28°32	9°50	n.a.	F 19
S 20	3 2 48	15°45'05	2♐18	4°31	3°41	15° 4	11°56	6°20	16°44	15°28	19°30	26°46	28°29	9°57	n.a.	S 20
S 21	3 6 45	16°46'25	14°24	6° 3	4°56	14°40	12°10	6°26	16°44	15°28	19°32	26°43	28°26	10° 3	n.a.	S 21
M22	3 10 42	17°47'45	26°21	7°35	6°12	14°16	12°24	6°31	16°45	15°29	19°34	26°D42	28°23	10°10	n.a.	M22
T 23	3 14 38	18°49'05	8♑11	9° 8	7°27	13°52	12°37	6°37	16°46	15°29	19°35	26°43	28°19	10°17	n.a.	T 23
W24	3 18 35	19°50'24	19°58	10°41	8°43	13°29	12°51	6°43	16°46	15°30	19°37	26°45	28°16	10°23	n.a.	W24
T 25	3 22 31	20°51'43	1♒46	12°15	9°58	13° 6	13° 5	6°49	16°47	15°30	19°39	26°46	28°13	10°30	n.a.	T 25
F 26	3 26 28	21°53'02	13°40	13°48	11°14	12°43	13°19	6°54	16°48	15°31	19°40	26°48	28°10	10°37	n.a.	F 26
S 27	3 30 24	22°54'19	25°45	15°23	12°29	12°21	13°33	7° 0	16°49	15°32	19°42	26°R48	28° 7	10°43	n.a.	S 27
S 28	3 34 21	23°55'36	8♓ 7	16°57	13°44	11°59	13°46	7° 6	16°50	15°32	19°44	26°47	28° 3	10°50	n.a.	S 28
M29	3 38 18	24°56'53	20°50	18°32	15° 0	11°38	14° 0	7°11	16°51	15°33	19°45	26°44	28° 0	10°56	n.a.	M29
T 30	3 42 14	25♏58'09	3♈58	20♏ 7	16♏15	11♉17	14♏14	7♎16	16♒52	15♒34	19♐47	26♐41	27♐57	11♑ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s21	2s15	4n54	0s53	2n 2	2s44	1n18	19n39	1n 5	13s45	0n34	0n24	2n21	16s52	0s48	17s51	1s26	28s11	4s48	23s51	23s52	22s53		n.a.
T 2	10 43	3n 7	5 4	1 30	1 56	3 16	1 17	19 36	1 8	13 50	0 33	0 22	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 51		n.a.
W 3	11 5	8 29	4 58	2 8	1 51	3 47	1 15	19 34	1 10	13 54	0 33	0 19	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 50		n.a.
T 4	11 27	13 34	4 35	2 47	1 44	4 18	1 13	19 31	1 13	13 59	0 33	0 17	2 21	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 49		n.a.
F 5	11 49	18 2	3 54	3 26	1 38	4 50	1 12	19 28	1 15	14 3	0 33	0 14	2 22	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 48		n.a.
S 6	12 11	21 30	2 58	4 5	1 32	5 21	1 10	19 25	1 18	14 8	0 33	0 12	2 22	16 52	0 48	17 51	1 26	28 11	4 48	23 51	23 52	22 46		n.a.
S 7	12 33	23 37	1 50	4 45	1 25	5 52	1 9	19 22	1 21	14 13	0 33	0 9	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 45		n.a.
M 8	12 54	24 8	0 35	5 25	1 18	6 22	1 7	19 19	1 23	14 17	0 33	0 6	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 44		n.a.
T 9	13 15	23 2	0s43	6 5	1 11	6 53	1 5	19 15	1 26	14 22	0 33	0 4	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 42		n.a.
W10	13 36	20 27	1 57	6 45	1 4	7 24	1 3	19 11	1 28	14 26	0 33	0 1	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 41		n.a.
T 11	13 56	16 40	3 3	7 26	0 57	7 54	1 1	19 7	1 31	14 31	0 33	0s 1	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 40		n.a.
F 12	14 17	12 0	3 57	8 6	0 50	8 24	0 59	19 3	1 33	14 35	0 32	0 3	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 38		n.a.
S 13	14 37	6 48	4 37	8 46	0 43	8 54	0 57	18 59	1 35	14 40	0 32	0 6	2 22	16 52	0 48	17 51	1 26	28 12	4 48	23 50	23 52	22 37		n.a.
S 14	14 57	1 20	5 1	9 26	0 36	9 24	0 55	18 54	1 38	14 44	0 32	0 8	2 22	16 52	0 47	17 51	1 26	28 12	4 48	23 50	23 51	22 36		n.a.
M15	15 17	4s 6	5 8	10 6	0 29	9 54	0 53	18 49	1 40	14 49	0 32	0 11	2 23	16 52	0 47	17 51	1 25	28 12	4 48	23 50	23 51	22 34		n.a.
T 16	15 36	9 16	4 58	10 45	0 22	10 23	0 51	18 45	1 42	14 53	0 32	0 13	2 23	16 52	0 47	17 51	1 25	28 13	4 48	23 50	23 51	22 33		n.a.
W17	15 55	13 57	4 33	11 25	0 15	10 52	0 49	18 40	1 45	14 58	0 32	0 15	2 23	16 52	0 47	17 51	1 25	28 13	4 48	23 50	23 51	22 32		n.a.
T 18	16 14	17 56	3 55	12 4	0 8	11 21	0 47	18 35	1 47	15 2	0 32	0 18	2 23	16 51	0 47	17 51	1 25	28 13	4 48	23 50	23 51	22 30		n.a.
F 19	16 32	21 2	3 6	12 42	0 1	11 49	0 45	18 30	1 49	15 7	0 32	0 20	2 23	16 51	0 47	17 50	1 25	28 13	4 48	23 50	23 51	22 29		n.a.
S 20	16 51	23 5	2 9	13 20	0s 5	12 18	0 43	18 24	1 51	15 11	0 32	0 22	2 23	16 51	0 47	17 50	1 25	28 13	4 48	23 49	23 51	22 28		n.a.
S 21	17 9	24 2	1 7	13 58	0 12	12 45	0 41	18 19	1 53	15 15	0 32	0 25	2 23	16 51	0 47	17 50	1 25	28 13	4 48	23 49	23 51	22 26		n.a.
M22	17 26	23 51	0 2	14 35	0 19	13 13	0 38	18 14	1 55	15 20	0 31	0 27	2 23	16 50	0 47	17 50	1 25	28 13	4 48	23 49	23 51	22 25		n.a.
T 23	17 44	22 34	1n 2	15 12	0 25	13 40	0 36	18 8	1 57	15 24	0 31	0 29	2 24	16 50	0 47	17 50	1 25	28 13	4 48	23 49	23 51	22 24		n.a.
W24	18 1	20 19	2 4	15 48	0 32	14 7	0 34	18 3	1 59	15 29	0 31	0 31	2 24	16 50	0 47	17 50	1 25	28 14	4 48	23 49	23 51	22 22		n.a.
T 25	18 17	17 12	3 0	16 23	0 38	14 34	0 32	17 58	2 1	15 33	0 31	0 33	2 24	16 50	0 47	17 49	1 25	28 14	4 48	23 49	23 51	22 21		n.a.
F 26	18 34	13 22	3 49	16 58	0 44	15 0	0 29	17 52	2 2	15 37	0 31	0 35	2 24	16 49	0 47	17 49	1 25	28 14	4 48	23 49	23 51	22 19		n.a.
S 27	18 50	8 57	4 29	17 32	0 50	15 26	0 27	17 47	2 4	15 41	0 31	0 38	2 24	16 49	0 47	17 49	1 25	28 14	4 48	23 49	23 51	22 18		n.a.
S 28	19 5	4 5	4 57	18 5	0 56	15 51	0 25	17 41	2 6	15 46	0 31	0 40	2 24	16 49	0 47	17 49	1 25	28 14	4 48	23 49	23 51	22 17		n.a.
M29	19 20	1n 4	5 12	18 38	1 2	16 16	0 22	17 36	2 7	15 50	0 31	0 42	2 24	16 48	0 47	17 48	1 25	28 14	4 48	23 49	23 51	22 15		n.a.
T 30	19s35	6n20	5n11	19s10	1s 7	16s41	0n20	17n31	2n 9	15s54	0n31	0s44	2n25	16s48	0s47	17s48	1s25	28s15	4s48	23s49	23s51	22s14		n.a.

Julian Day Number = 1197958.5, Delta T = 09h25m28s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°51'01, Lahiri = -23°44'01 Julian Calendar 1 Nov. 1434 BCE == Greg. Calendar 19 Oct. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1434 BCE
geocentric

DECEMBER 1434 BCE (-1433) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 46 11	26♏59'24	17♈32	21♏43	17♏31	10°R56	14♏28	7♎22	16♒53	15♒34	19♐49	26°R36	27♐54	11♑10	n.a.	W 1
T 2	3 50 7	28° 0'38	1♉33	23°19	18°46	10♉36	14°41	7°27	16°54	15°35	19°51	26♐31	27°51	11°16	n.a.	T 2
F 3	3 54 4	29° 1'52	15°56	24°56	20° 2	10°17	14°55	7°32	16°56	15°36	19°53	26°27	27°48	11°23	n.a.	F 3
S 4	3 58 0	0♐ 3'05	0♊38	26°33	21°17	9°58	15° 9	7°37	16°57	15°37	19°54	26°24	27°44	11°30	n.a.	S 4
S 5	4 1 57	1° 4'18	15°31	28°11	22°32	9°40	15°22	7°43	16°58	15°38	19°56	26°22	27°41	11°36	n.a.	S 5
M 6	4 5 53	2° 5'30	0♋26	29°49	23°48	9°23	15°36	7°48	17° 0	15°38	19°58	26°D22	27°38	11°43	n.a.	M 6
T 7	4 9 50	3° 6'41	15°16	1♐27	25° 3	9° 6	15°49	7°53	17° 1	15°39	20° 0	26°23	27°35	11°50	n.a.	T 7
W 8	4 13 47	4° 7'52	29°55	3° 6	26°18	8°50	16° 3	7°57	17° 2	15°40	20° 2	26°24	27°32	11°56	n.a.	W 8
T 9	4 17 43	5° 9'02	14♌17	4°46	27°34	8°35	16°16	8° 2	17° 4	15°41	20° 3	26°26	27°29	12° 3	n.a.	T 9
F 10	4 21 40	6°10'12	28°21	6°26	28°49	8°21	16°30	8° 7	17° 5	15°42	20° 5	26°27	27°25	12°10	n.a.	F 10
S 11	4 25 36	7°11'21	12♍ 6	8° 7	0♐ 4	8° 7	16°43	8°12	17° 7	15°43	20° 7	26°R27	27°22	12°16	n.a.	S 11
S 12	4 29 33	8°12'30	25°32	9°48	1°20	7°54	16°57	8°16	17° 9	15°44	20° 9	26°26	27°19	12°23	n.a.	S 12
M13	4 33 29	9°13'38	8♎40	11°30	2°35	7°42	17°10	8°21	17°10	15°46	20°11	26°24	27°16	12°30	n.a.	M13
T 14	4 37 26	10°14'45	21°32	13°12	3°50	7°30	17°23	8°25	17°12	15°47	20°13	26°22	27°13	12°36	n.a.	T 14
W15	4 41 23	11°15'51	4♏10	14°55	5° 6	7°20	17°37	8°30	17°14	15°48	20°14	26°20	27° 9	12°43	n.a.	W15
T 16	4 45 19	12°16'57	16°35	16°39	6°21	7°10	17°50	8°34	17°16	15°49	20°16	26°17	27° 6	12°50	n.a.	T 16
F 17	4 49 16	13°18'02	28°50	18°23	7°36	7° 1	18° 3	8°38	17°18	15°50	20°18	26°16	27° 3	12°56	n.a.	F 17
S 18	4 53 12	14°19'05	10♐55	20° 7	8°52	6°53	18°16	8°42	17°20	15°52	20°20	26°14	27° 0	13° 3	n.a.	S 18
S 19	4 57 9	15°20'08	22°52	21°52	10° 7	6°45	18°29	8°47	17°21	15°53	20°22	26°D14	26°57	13° 9	n.a.	S 19
M20	5 1 5	16°21'09	4♑44	23°37	11°22	6°39	18°43	8°51	17°23	15°54	20°24	26°14	26°54	13°16	n.a.	M20
T 21	5 5 2	17°22'09	16°32	25°23	12°37	6°33	18°56	8°54	17°26	15°56	20°26	26°15	26°50	13°23	n.a.	T 21
W22	5 8 58	18°23'08	28°19	27° 9	13°52	6°28	19° 9	8°58	17°28	15°57	20°28	26°15	26°47	13°29	n.a.	W22
T 23	5 12 55	19°24'05	10♒ 8	28°54	15° 8	6°24	19°22	9° 2	17°30	15°58	20°30	26°16	26°44	13°36	n.a.	T 23
F 24	5 16 52	20°25'00	22° 3	0♑40	16°23	6°21	19°34	9° 6	17°32	16° 0	20°31	26°17	26°41	13°43	n.a.	F 24
S 25	5 20 48	21°25'54	4♓ 8	2°26	17°38	6°18	19°47	9° 9	17°34	16° 1	20°33	26°17	26°38	13°49	n.a.	S 25
S 26	5 24 45	22°26'47	16°27	4°11	18°53	6°17	20° 0	9°13	17°36	16° 3	20°35	26°18	26°35	13°56	n.a.	S 26
M27	5 28 41	23°27'37	29° 5	5°56	20° 8	6°16	20°13	9°16	17°39	16° 4	20°37	26°R18	26°31	14° 3	n.a.	M27
T 28	5 32 38	24°28'26	12♈ 5	7°40	21°23	6°D15	20°25	9°20	17°41	16° 6	20°39	26°18	26°28	14° 9	n.a.	T 28
W29	5 36 34	25°29'13	25°31	9°23	22°39	6°16	20°38	9°23	17°43	16° 7	20°41	26°17	26°25	14°16	n.a.	W29
T 30	5 40 31	26°29'59	9♉24	11° 4	23°54	6°17	20°51	9°26	17°46	16° 9	20°43	26°D17	26°22	14°23	n.a.	T 30
F 31	5 44 28	27♐30'42	23♉44	12♑43	25♐ 9	6♉19	21♏ 3	9♎29	17♒48	16♒11	20♐45	26♐18	26♐19	14♑29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19s50	11n30	4n53	19s41	1s12	17s 5	0n18	17n26	2n10	15s58	0n31	0s46	2n25	16s48	0s47	17s48	1s25	28s15	4s48	23s49	23s51	22s12			n.a.
T 2	20 4	16 13	4 17	20 11	1 18	17 28	0 15	17 21	2 12	16 3	0 31	0 48	2 25	16 47	0 47	17 48	1 25	28 15	4 48	23 49	23 51	22 11			n.a.
F 3	20 18	20 9	3 24	20 40	1 22	17 51	0 13	17 16	2 13	16 7	0 31	0 50	2 25	16 47	0 47	17 47	1 25	28 15	4 48	23 49	23 51	22 9			n.a.
S 4	20 31	22 52	2 17	21 8	1 27	18 14	0 10	17 11	2 14	16 11	0 30	0 52	2 25	16 46	0 47	17 47	1 25	28 15	4 48	23 49	23 51	22 8			n.a.
S 5	20 44	24 3	1 0	21 35	1 32	18 36	0 8	17 6	2 15	16 15	0 30	0 53	2 25	16 46	0 47	17 47	1 25	28 15	4 48	23 49	23 51	22 7			n.a.
M 6	20 57	23 29	0s22	22 2	1 36	18 58	0 6	17 1	2 16	16 19	0 30	0 55	2 26	16 45	0 47	17 46	1 25	28 16	4 48	23 49	23 50	22 5			n.a.
T 7	21 9	21 17	1 42	22 26	1 40	19 19	0 3	16 57	2 17	16 23	0 30	0 57	2 26	16 45	0 47	17 46	1 25	28 16	4 48	23 49	23 50	22 4			n.a.
W 8	21 21	17 41	2 55	22 50	1 43	19 39	0 1	16 53	2 18	16 27	0 30	0 59	2 26	16 44	0 47	17 46	1 25	28 16	4 48	23 49	23 50	22 2			n.a.
T 9	21 32	13 6	3 55	23 13	1 47	19 59	0s 2	16 48	2 19	16 31	0 30	1 1	2 26	16 44	0 47	17 46	1 25	28 16	4 48	23 49	23 50	22 1			n.a.
F 10	21 43	7 54	4 39	23 34	1 50	20 19	0 4	16 44	2 20	16 35	0 30	1 2	2 26	16 43	0 46	17 45	1 25	28 16	4 48	23 49	23 50	21 59			n.a.
S 11	21 54	2 26	5 6	23 54	1 52	20 38	0 6	16 41	2 21	16 39	0 30	1 4	2 26	16 43	0 46	17 45	1 24	28 16	4 48	23 49	23 50	21 58			n.a.
S 12	22 4	3s 1	5 16	24 12	1 55	20 56	0 9	16 37	2 22	16 43	0 30	1 6	2 27	16 42	0 46	17 44	1 24	28 17	4 48	23 49	23 50	21 56			n.a.
M13	22 14	8 12	5 9	24 29	1 57	21 14	0 11	16 34	2 22	16 47	0 30	1 7	2 27	16 42	0 46	17 44	1 24	28 17	4 48	23 49	23 50	21 55			n.a.
T 14	22 23	12 57	4 46	24 45	1 59	21 31	0 13	16 30	2 23	16 51	0 30	1 9	2 27	16 41	0 46	17 44	1 24	28 17	4 48	23 49	23 50	21 53			n.a.
W15	22 32	17 2	4 10	24 59	2 0	21 47	0 16	16 27	2 24	16 55	0 30	1 11	2 27	16 41	0 46	17 43	1 24	28 17	4 48	23 49	23 50	21 52			n.a.
T 16	22 40	20 19	3 23	25 11	2 1	22 3	0 18	16 25	2 24	16 59	0 30	1 12	2 27	16 40	0 46	17 43	1 24	28 17	4 48	23 49	23 50	21 50			n.a.
F 17	22 48	22 38	2 26	25 21	2 1	22 18	0 20	16 22	2 25	17 2	0 29	1 14	2 28	16 39	0 46	17 42	1 24	28 18	4 48	23 49	23 50	21 49			n.a.
S 18	22 55	23 52	1 24	25 30	2 1	22 33	0 23	16 20	2 25	17 6	0 29	1 15	2 28	16 39	0 46	17 42	1 24	28 18	4 48	23 49	23 50	21 47			n.a.
S 19	23 2	23 59	0 19	25 37	2 0	22 46	0 25	16 18	2 25	17 10	0 29	1 17	2 28	16 38	0 46	17 42	1 24	28 18	4 49	23 48	23 50	21 46			n.a.
M20	23 9	23 0	0n47	25 41	1 59	22 59	0 27	16 16	2 26	17 14	0 29	1 18	2 28	16 38	0 46	17 41	1 24	28 18	4 49	23 49	23 50	21 44			n.a.
T 21	23 15	21 0	1 50	25 44	1 57	23 12	0 29	16 14	2 26	17 17	0 29	1 19	2 28	16 37	0 46	17 41	1 24	28 18	4 49	23 49	23 49	21 43			n.a.
W22	23 21	18 6	2 49	25 45	1 55	23 24	0 32	16 13	2 26	17 21	0 29	1 21	2 29	16 36	0 46	17 40	1 24	28 19	4 49	23 49	23 49	21 41			n.a.
T 23	23 26	14 28	3 41	25 44	1 52	23 35	0 34	16 12	2 27	17 25	0 29	1 22	2 29	16 36	0 46	17 40	1 24	28 19	4 49	23 49	23 49	21 40			n.a.
F 24	23 31	10 15	4 23	25 41	1 49	23 45	0 36	16 11	2 27	17 28	0 29	1 23	2 29	16 35	0 46	17 39	1 24	28 19	4 49	23 49	23 49	21 38			n.a.
S 25	23 35	5 36	4 55	25 35	1 45	23 54	0 38	16 10	2 27	17 32	0 29	1 25	2 29	16 34	0 46	17 39	1 24	28 19	4 49	23 49	23 49	21 37			n.a.
S 26	23 39	0 38	5 13	25 27	1 40	24 3	0 40	16 9	2 27	17 35	0 29	1 26	2 30	16 33	0 46	17 38	1 24	28 20	4 49	23 49	23 49	21 35			n.a.
M27	23 42	4n28	5 18	25 18	1 34	24 11	0 42	16 9	2 27	17 39	0 29	1 27	2 30	16 33	0 46	17 38	1 24	28 20	4 49	23 49	23 49	21 34			n.a.
T 28	23 45	9 32	5 6	25 6	1 28	24 19	0 44	16 9	2 27	17 42	0 29	1 28	2 30	16 32	0 46	17 37	1 24	28 20	4 49	23 49	23 49	21 32			n.a.
W29	23 47	14 20	4 38	24 52	1 21	24 25	0 46	16 9	2 27	17 46	0 29	1 29	2 30	16 31	0 46	17 37	1 24	28 20	4 49	23 49	23 49	21 31			n.a.
T 30	23 49	18 33	3 53	24 36	1 13	24 31	0 48	16 10	2 27	17 49	0 29	1 30	2 30	16 30	0 46	17 36	1 24	28 20	4 49	23 49	23 49	21 29			n.a.
F 31	23s50	21n48	2n52	24s18	1s 4	24s36	0s50	16n10	2n27	17s53	0n29	1s31	2n31	16s30	0s46	17s36	1s24	28s21	4s49	23s49	23s49	21s28			n.a.

Julian Day Number = 1197988.5, Delta T = 09h25m26s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'57, Lahiri = -23°43'57 Julian Calendar 1 Dec. 1434 BCE == Greg. Calendar 18 Nov. 1434 BCE

The year -1433 astronomical counting style corresponds to year 1434 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

JANUARY 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 48 24	28♐31'24	8♊28	14♉20	26♐24	6♉22	21♏15	9♎32	17♒51	16♒12	20♐46	26♐18	26♐15	14♉36	n.a.	S 1
S 2	5 52 21	29°32'04	23°30	15°54	27°39	6°25	21°28	9°35	17°53	16°14	20°48	26°R18	26°12	14°43	n.a.	S 2
M 3	5 56 17	0♉32'43	8♋42	17°25	28°54	6°30	21°40	9°38	17°56	16°16	20°50	26°18	26° 9	14°49	n.a.	M 3
T 4	6 0 14	1°33'20	23°53	18°51	0♉ 9	6°34	21°52	9°40	17°58	16°17	20°52	26°17	26° 6	14°56	n.a.	T 4
W 5	6 4 10	2°33'55	8♌54	20°13	1°24	6°40	22° 5	9°43	18° 1	16°19	20°54	26°17	26° 3	15° 3	n.a.	W 5
T 6	6 8 7	3°34'29	23°38	21°29	2°39	6°46	22°17	9°46	18° 3	16°21	20°56	26°16	26° 0	15° 9	n.a.	T 6
F 7	6 12 3	4°35'02	8♍ 0	22°40	3°54	6°53	22°29	9°48	18° 6	16°23	20°58	26°15	25°56	15°16	n.a.	F 7
S 8	6 16 0	5°35'32	21°55	23°43	5° 9	7° 0	22°41	9°50	18° 9	16°25	20°59	26°14	25°53	15°23	n.a.	S 8
S 9	6 19 57	6°36'02	5♎25	24°40	6°24	7° 8	22°52	9°53	18°11	16°26	21° 1	26°D14	25°50	15°29	n.a.	S 9
M10	6 23 53	7°36'30	18°30	25°28	7°39	7°17	23° 4	9°55	18°14	16°28	21° 3	26°14	25°47	15°36	n.a.	M10
T 11	6 27 50	8°36'56	1♏14	26° 7	8°54	7°26	23°16	9°57	18°17	16°30	21° 5	26°15	25°44	15°43	n.a.	T 11
W12	6 31 46	9°37'21	13°41	26°37	10° 9	7°36	23°28	9°59	18°20	16°32	21° 7	26°16	25°41	15°49	n.a.	W12
T 13	6 35 43	10°37'44	25°53	26°58	11°23	7°47	23°39	10° 1	18°23	16°34	21° 9	26°18	25°37	15°56	n.a.	T 13
F 14	6 39 39	11°38'06	7♐55	27° 8	12°38	7°58	23°51	10° 2	18°25	16°36	21°10	26°19	25°34	16° 2	n.a.	F 14
S 15	6 43 36	12°38'25	19°49	27°R 9	13°53	8° 9	24° 2	10° 4	18°28	16°38	21°12	26°20	25°31	16° 9	n.a.	S 15
S 16	6 47 32	13°38'43	1♑39	27° 0	15° 8	8°21	24°13	10° 6	18°31	16°40	21°14	26°R20	25°28	16°16	n.a.	S 16
M17	6 51 29	14°38'59	13°27	26°41	16°23	8°34	24°25	10° 7	18°34	16°42	21°16	26°19	25°25	16°22	n.a.	M17
T 18	6 55 26	15°39'13	25°15	26°13	17°38	8°47	24°36	10° 8	18°37	16°44	21°17	26°17	25°21	16°29	n.a.	T 18
W19	6 59 22	16°39'26	7♒ 5	25°36	18°53	9° 1	24°47	10°10	18°40	16°46	21°19	26°14	25°18	16°36	n.a.	W19
T 20	7 3 19	17°39'35	18°59	24°52	20° 7	9°15	24°58	10°11	18°43	16°48	21°21	26°10	25°15	16°42	n.a.	T 20
F 21	7 7 15	18°39'43	0♓59	24° 2	21°22	9°30	25° 9	10°12	18°46	16°50	21°23	26° 7	25°12	16°49	n.a.	F 21
S 22	7 11 12	19°39'49	13° 9	23° 7	22°37	9°45	25°19	10°13	18°49	16°52	21°24	26° 3	25° 9	16°56	n.a.	S 22
S 23	7 15 8	20°39'52	25°30	22° 8	23°52	10° 1	25°30	10°14	18°52	16°54	21°26	26° 0	25° 6	17° 2	n.a.	S 23
M24	7 19 5	21°39'53	8♈ 7	21° 7	25° 6	10°17	25°40	10°14	18°56	16°56	21°28	25°58	25° 2	17° 9	n.a.	M24
T 25	7 23 1	22°39'51	21° 1	20° 5	26°21	10°33	25°51	10°15	18°59	16°58	21°29	25°D57	24°59	17°16	n.a.	T 25
W26	7 26 58	23°39'48	4♉18	19° 4	27°36	10°50	26° 1	10°16	19° 2	17° 0	21°31	25°58	24°56	17°22	n.a.	W26
T 27	7 30 55	24°39'41	17°59	18° 5	28°50	11° 7	26°12	10°16	19° 5	17° 2	21°33	25°59	24°53	17°29	n.a.	T 27
F 28	7 34 51	25°39'33	2♊ 6	17°10	0♒ 5	11°25	26°22	10°17	19° 8	17° 4	21°34	26° 0	24°50	17°36	n.a.	F 28
S 29	7 38 48	26°39'22	16°37	16°18	1°20	11°43	26°32	10°17	19°11	17° 7	21°36	26° 2	24°46	17°42	n.a.	S 29
S 30	7 42 44	27°39'09	1♋30	15°31	2°34	12° 2	26°42	10°17	19°15	17° 9	21°38	26°R 2	24°43	17°49	n.a.	S 30
M31	7 46 41	28♉38'54	16♋38	14♉50	3♒49	12♉21	26♏51	10°R17	19♒18	17♒11	21♐39	26♐ 0	24♐40	17♉56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23 s51	23n43	1n38	23 s58	0 s54	24 s41	0 s52	16n11	2n27	17 s56	0n28	1 s32	2n31	16 s29	0 s46	17 s35	1 s24	28 s21	4 s50	23 s49	23 s49	21 s26		n.a.
S 2	23 52	23 58	0 16	23 37	0 44	24 44	0 54	16 12	2 27	18 0	0 28	1 33	2 31	16 28	0 46	17 35	1 24	28 21	4 50	23 49	23 48	21 24		n.a.
M 3	23 52	22 26	1 s 8	23 14	0 32	24 47	0 56	16 14	2 27	18 3	0 28	1 34	2 31	16 27	0 46	17 34	1 24	28 21	4 50	23 49	23 48	21 23		n.a.
T 4	23 51	19 17	2 28	22 50	0 20	24 49	0 57	16 15	2 27	18 6	0 28	1 35	2 32	16 26	0 46	17 34	1 24	28 22	4 50	23 49	23 48	21 21		n.a.
W 5	23 50	14 53	3 36	22 25	0 7	24 50	0 59	16 17	2 27	18 9	0 28	1 36	2 32	16 25	0 46	17 33	1 24	28 22	4 50	23 49	23 48	21 20		n.a.
T 6	23 49	9 40	4 28	22 0	0n 7	24 51	1 1	16 19	2 27	18 13	0 28	1 37	2 32	16 25	0 46	17 33	1 24	28 22	4 50	23 49	23 48	21 18		n.a.
F 7	23 47	4 4	5 2	21 34	0 21	24 51	1 2	16 21	2 26	18 16	0 28	1 37	2 32	16 24	0 46	17 32	1 24	28 22	4 50	23 49	23 48	21 17		n.a.
S 8	23 45	1 s35	5 17	21 8	0 37	24 50	1 4	16 23	2 26	18 19	0 28	1 38	2 32	16 23	0 46	17 31	1 24	28 23	4 50	23 49	23 48	21 15		n.a.
S 9	23 42	6 58	5 14	20 43	0 52	24 48	1 5	16 26	2 26	18 22	0 28	1 39	2 33	16 22	0 46	17 31	1 24	28 23	4 50	23 49	23 48	21 13		n.a.
M10	23 38	11 53	4 54	20 18	1 9	24 45	1 7	16 29	2 26	18 25	0 28	1 39	2 33	16 21	0 46	17 30	1 24	28 23	4 50	23 49	23 48	21 12		n.a.
T 11	23 35	16 10	4 20	19 54	1 25	24 42	1 8	16 32	2 26	18 28	0 28	1 40	2 33	16 20	0 45	17 30	1 24	28 23	4 51	23 49	23 48	21 10		n.a.
W12	23 30	19 38	3 35	19 32	1 42	24 38	1 10	16 35	2 25	18 31	0 28	1 40	2 33	16 19	0 45	17 29	1 24	28 24	4 51	23 49	23 47	21 9		n.a.
T 13	23 26	22 10	2 41	19 12	1 58	24 33	1 11	16 38	2 25	18 34	0 28	1 41	2 34	16 18	0 45	17 28	1 24	28 24	4 51	23 49	23 47	21 7		n.a.
F 14	23 21	23 40	1 40	18 54	2 15	24 27	1 12	16 41	2 25	18 37	0 28	1 41	2 34	16 17	0 45	17 28	1 24	28 24	4 51	23 49	23 47	21 5		n.a.
S 15	23 15	24 4	0 36	18 38	2 31	24 21	1 14	16 45	2 24	18 40	0 28	1 42	2 34	16 17	0 45	17 27	1 23	28 24	4 51	23 49	23 47	21 4		n.a.
S 16	23 9	23 22	0n29	18 25	2 46	24 13	1 15	16 48	2 24	18 43	0 28	1 42	2 34	16 16	0 45	17 27	1 23	28 25	4 51	23 49	23 47	21 2		n.a.
M17	23 2	21 37	1 33	18 15	3 0	24 6	1 16	16 52	2 24	18 46	0 28	1 43	2 35	16 15	0 45	17 26	1 23	28 25	4 51	23 49	23 47	21 0		n.a.
T 18	22 56	18 57	2 33	18 7	3 13	23 57	1 17	16 56	2 24	18 49	0 28	1 43	2 35	16 14	0 45	17 25	1 23	28 25	4 51	23 49	23 47	20 59		n.a.
W19	22 48	15 30	3 27	18 3	3 25	23 47	1 18	17 1	2 23	18 51	0 27	1 43	2 35	16 13	0 45	17 25	1 23	28 25	4 52	23 48	23 47	20 57		n.a.
T 20	22 40	11 25	4 11	18 1	3 35	23 37	1 19	17 5	2 23	18 54	0 27	1 44	2 35	16 12	0 45	17 24	1 23	28 26	4 52	23 48	23 47	20 56		n.a.
F 21	22 32	6 53	4 45	18 1	3 43	23 27	1 20	17 9	2 22	18 57	0 27	1 44	2 36	16 11	0 45	17 23	1 23	28 26	4 52	23 48	23 46	20 54		n.a.
S 22	22 24	2 2	5 7	18 5	3 49	23 15	1 21	17 14	2 22	18 59	0 27	1 44	2 36	16 10	0 45	17 23	1 23	28 26	4 52	23 48	23 46	20 52		n.a.
S 23	22 15	2n59	5 15	18 10	3 53	23 3	1 21	17 19	2 22	19 2	0 27	1 44	2 36	16 9	0 45	17 22	1 23	28 26	4 52	23 48	23 46	20 51		n.a.
M24	22 5	7 58	5 8	18 18	3 55	22 50	1 22	17 24	2 21	19 5	0 27	1 44	2 36	16 8	0 45	17 22	1 23	28 27	4 52	23 48	23 46	20 49		n.a.
T 25	21 55	12 44	4 45	18 28	3 55	22 36	1 23	17 28	2 21	19 7	0 27	1 44	2 37	16 7	0 45	17 21	1 23	28 27	4 52	23 48	23 46	20 47		n.a.
W26	21 45	17 2	4 7	18 39	3 52	22 22	1 23	17 34	2 21	19 10	0 27	1 44	2 37	16 6	0 45	17 20	1 23	28 27	4 53	23 48	23 46	20 46		n.a.
T 27	21 34	20 35	3 14	18 51	3 48	22 7	1 24	17 39	2 20	19 12	0 27	1 44	2 37	16 5	0 45	17 20	1 23	28 27	4 53	23 48	23 46	20 44		n.a.
F 28	21 23	23 2	2 8	19 4	3 42	21 52	1 24	17 44	2 20	19 15	0 27	1 44	2 37	16 4	0 45	17 19	1 23	28 28	4 53	23 48	23 46	20 42		n.a.
S 29	21 12	24 2	0 51	19 18	3 34	21 35	1 25	17 49	2 19	19 17	0 27	1 44	2 38	16 3	0 45	17 18	1 23	28 28	4 53	23 48	23 45	20 41		n.a.
S 30	21 0	23 21	0 s30	19 33	3 25	21 19	1 25	17 55	2 19	19 20	0 27	1 44	2 38	16 2	0 45	17 17	1 23	28 28	4 53	23 48	23 45	20 39		n.a.
M31	20 s48	20n59	1 s51	19 s48	3n15	21 s 1	1 s25	18n 0	2n19	19 s22	0n27	1 s44	2n38	16 s 1	0 s45	17 s17	1 s23	28 s28	4 s53	23 s48	23 s45	20 s37		n.a.

Julian Day Number = 1198019.5, Delta T = 09h25m24s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'53, Lahiri = -23°43'52 Julian Calendar 1 Jan. 1433 BCE == Greg. Calendar 19 Dec. 1434 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

FEBRUARY 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 50 37	29♉38'36	1♌53	14°R15	5♒ 4	12♉40	27♏ 1	10°R17	19♒21	17♒13	21♐41	25°R57	24♐37	18♉ 2	n.a.	T 1
W 2	7 54 34	0♒38'16	17° 5	13♉46	6°18	13° 0	27°11	10♎17	19°24	17°15	21°42	25♐53	24°34	18° 9	n.a.	W 2
T 3	7 58 30	1°37'54	2♍ 2	13°24	7°33	13°20	27°20	10°17	19°28	17°17	21°44	25°48	24°31	18°16	n.a.	T 3
F 4	8 2 27	2°37'30	16°38	13° 8	8°47	13°41	27°30	10°16	19°31	17°20	21°45	25°42	24°27	18°22	n.a.	F 4
S 5	8 6 23	3°37'04	0♎47	12°59	10° 2	14° 1	27°39	10°16	19°34	17°22	21°47	25°38	24°24	18°29	n.a.	S 5
S 6	8 10 20	4°36'36	14°26	12°D55	11°16	14°22	27°48	10°15	19°38	17°24	21°48	25°34	24°21	18°36	n.a.	S 6
M 7	8 14 17	5°36'06	27°37	12°58	12°31	14°44	27°57	10°15	19°41	17°26	21°50	25°32	24°18	18°42	n.a.	M 7
T 8	8 18 13	6°35'34	10♏22	13° 6	13°45	15° 5	28° 6	10°14	19°44	17°29	21°51	25°D32	24°15	18°49	n.a.	T 8
W 9	8 22 10	7°35'01	22°47	13°20	14°59	15°27	28°15	10°13	19°48	17°31	21°53	25°33	24°12	18°56	n.a.	W 9
T 10	8 26 6	8°34'25	4♐55	13°39	16°14	15°50	28°23	10°12	19°51	17°33	21°54	25°34	24° 8	19° 2	n.a.	T 10
F 11	8 30 3	9°33'48	16°51	14° 4	17°28	16°12	28°32	10°11	19°54	17°35	21°55	25°36	24° 5	19° 9	n.a.	F 11
S 12	8 33 59	10°33'08	28°40	14°32	18°43	16°35	28°40	10°10	19°58	17°38	21°57	25°R36	24° 2	19°16	n.a.	S 12
S 13	8 37 56	11°32'27	10♑27	15° 6	19°57	16°59	28°48	10° 9	20° 1	17°40	21°58	25°35	23°59	19°22	n.a.	S 13
M14	8 41 52	12°31'43	22°14	15°43	21°11	17°22	28°57	10° 8	20° 4	17°42	21°59	25°31	23°56	19°29	n.a.	M14
T 15	8 45 49	13°30'58	4♒ 4	16°24	22°26	17°46	29° 5	10° 6	20° 8	17°44	22° 1	25°25	23°52	19°36	n.a.	T 15
W16	8 49 46	14°30'10	16° 0	17° 9	23°40	18°10	29°12	10° 5	20°11	17°47	22° 2	25°18	23°49	19°42	n.a.	W16
T 17	8 53 42	15°29'20	28° 2	17°58	24°54	18°34	29°20	10° 3	20°15	17°49	22° 3	25° 8	23°46	19°49	n.a.	T 17
F 18	8 57 39	16°28'27	10♓14	18°49	26° 9	18°59	29°28	10° 2	20°18	17°51	22° 5	24°59	23°43	19°56	n.a.	F 18
S 19	9 1 35	17°27'33	22°34	19°44	27°23	19°24	29°35	10° 0	20°21	17°53	22° 6	24°49	23°40	20° 2	n.a.	S 19
S 20	9 5 32	18°26'35	5♈ 6	20°42	28°37	19°49	29°42	9°58	20°25	17°56	22° 7	24°41	23°37	20° 9	n.a.	S 20
M21	9 9 28	19°25'36	17°50	21°42	29°51	20°14	29°50	9°56	20°28	17°58	22° 8	24°34	23°33	20°16	n.a.	M21
T 22	9 13 25	20°24'34	0♉48	22°45	1♓ 5	20°40	29°57	9°54	20°32	18° 0	22° 9	24°30	23°30	20°22	n.a.	T 22
W23	9 17 21	21°23'30	14° 2	23°51	2°20	21° 5	0♐ 3	9°52	20°35	18° 2	22°10	24°28	23°27	20°29	n.a.	W23
T 24	9 21 18	22°22'23	27°36	24°59	3°34	21°31	0°10	9°50	20°38	18° 5	22°12	24°D28	23°24	20°35	n.a.	T 24
F 25	9 25 14	23°21'14	11♊30	26°10	4°48	21°58	0°17	9°47	20°42	18° 7	22°13	24°29	23°21	20°42	n.a.	F 25
S 26	9 29 11	24°20'03	25°44	27°22	6° 2	22°24	0°23	9°45	20°45	18° 9	22°14	24°R29	23°18	20°49	n.a.	S 26
S 27	9 33 8	25°18'49	10♋19	28°37	7°16	22°51	0°29	9°43	20°49	18°11	22°15	24°28	23°14	20°55	n.a.	S 27
M28	9 37 4	26°17'32	25°10	29°54	8°30	23°17	0°35	9°40	20°52	18°14	22°16	24°25	23°11	21° 2	n.a.	M28
T 29	9 41 1	27♒16'14	10♌11	1♒12	9♓44	23♉44	0♐41	9♎37	20♒55	18♒16	22♐17	24♐19	23♐ 8	21♉ 9	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s35	17n 7	3s 4	20s 3	3n 3	20s43	1s25	18n 6	2n18	19s24	0n27	1s43	2n38	16s 0	0s45	17s16	1s23	28s29	4s53	23s48	23s45	20s36		n.a.
W 2	20 22	12 8	4 3	20 18	2 51	20 24	1 26	18 12	2 18	19 26	0 27	1 43	2 39	15 59	0 45	17 15	1 23	28 29	4 54	23 48	23 45	20 34		n.a.
T 3	20 9	6 30	4 45	20 33	2 39	20 5	1 26	18 18	2 17	19 29	0 27	1 43	2 39	15 57	0 45	17 15	1 23	28 29	4 54	23 48	23 45	20 32		n.a.
F 4	19 55	0 39	5 8	20 47	2 25	19 45	1 26	18 24	2 17	19 31	0 27	1 42	2 39	15 56	0 45	17 14	1 23	28 29	4 54	23 48	23 45	20 30		n.a.
S 5	19 41	5s 2	5 10	21 2	2 12	19 25	1 26	18 30	2 16	19 33	0 27	1 42	2 39	15 55	0 45	17 13	1 23	28 30	4 54	23 47	23 45	20 29		n.a.
S 6	19 27	10 18	4 55	21 16	1 58	19 4	1 26	18 36	2 16	19 35	0 27	1 42	2 40	15 54	0 45	17 13	1 23	28 30	4 54	23 47	23 44	20 27		n.a.
M 7	19 12	14 54	4 24	21 29	1 45	18 43	1 25	18 42	2 16	19 37	0 27	1 41	2 40	15 53	0 45	17 12	1 23	28 30	4 54	23 47	23 44	20 25		n.a.
T 8	18 57	18 41	3 41	21 42	1 31	18 21	1 25	18 48	2 15	19 39	0 26	1 41	2 40	15 52	0 45	17 11	1 23	28 30	4 55	23 47	23 44	20 24		n.a.
W 9	18 42	21 31	2 49	21 54	1 17	17 58	1 25	18 54	2 15	19 41	0 26	1 40	2 40	15 51	0 45	17 11	1 23	28 31	4 55	23 47	23 44	20 22		n.a.
T 10	18 26	23 18	1 50	22 5	1 4	17 36	1 24	19 0	2 14	19 43	0 26	1 39	2 40	15 50	0 45	17 10	1 23	28 31	4 55	23 47	23 44	20 20		n.a.
F 11	18 10	23 59	0 47	22 16	0 51	17 12	1 24	19 7	2 14	19 45	0 26	1 39	2 41	15 49	0 45	17 9	1 23	28 31	4 55	23 47	23 44	20 18		n.a.
S 12	17 54	23 35	0n17	22 25	0 38	16 48	1 24	19 13	2 13	19 47	0 26	1 38	2 41	15 48	0 45	17 8	1 23	28 32	4 55	23 47	23 44	20 17		n.a.
S 13	17 38	22 7	1 20	22 34	0 26	16 24	1 23	19 19	2 13	19 49	0 26	1 38	2 41	15 47	0 45	17 8	1 23	28 32	4 56	23 47	23 43	20 15		n.a.
M14	17 21	19 42	2 19	22 42	0 14	15 59	1 22	19 26	2 12	19 51	0 26	1 37	2 41	15 46	0 45	17 7	1 23	28 32	4 56	23 47	23 43	20 13		n.a.
T 15	17 4	16 28	3 13	22 48	0 2	15 34	1 22	19 32	2 12	19 53	0 26	1 36	2 42	15 44	0 45	17 6	1 23	28 32	4 56	23 47	23 43	20 11		n.a.
W16	16 46	12 32	3 58	22 54	0s 9	15 8	1 21	19 39	2 11	19 55	0 26	1 35	2 42	15 43	0 45	17 6	1 23	28 33	4 56	23 47	23 43	20 10		n.a.
T 17	16 29	8 6	4 33	22 58	0 20	14 42	1 20	19 45	2 11	19 56	0 26	1 34	2 42	15 42	0 45	17 5	1 23	28 33	4 56	23 46	23 43	20 8		n.a.
F 18	16 11	3 18	4 56	23 1	0 31	14 16	1 19	19 52	2 11	19 58	0 26	1 34	2 42	15 41	0 45	17 4	1 23	28 33	4 56	23 46	23 43	20 6		n.a.
S 19	15 52	1n40	5 6	23 3	0 41	13 49	1 18	19 58	2 10	20 0	0 26	1 33	2 42	15 40	0 45	17 4	1 23	28 33	4 57	23 46	23 43	20 4		n.a.
S 20	15 34	6 39	5 1	23 4	0 51	13 22	1 17	20 5	2 10	20 1	0 26	1 32	2 43	15 39	0 45	17 3	1 23	28 34	4 57	23 45	23 42	20 3		n.a.
M21	15 15	11 26	4 42	23 4	1 0	12 55	1 16	20 11	2 9	20 3	0 26	1 31	2 43	15 38	0 45	17 2	1 23	28 34	4 57	23 45	23 42	20 1		n.a.
T 22	14 56	15 48	4 7	23 2	1 8	12 27	1 15	20 18	2 9	20 5	0 26	1 30	2 43	15 37	0 45	17 1	1 23	28 34	4 57	23 45	23 42	19 59		n.a.
W23	14 37	19 30	3 19	22 58	1 17	11 59	1 14	20 24	2 8	20 6	0 26	1 29	2 43	15 36	0 45	17 1	1 23	28 34	4 57	23 45	23 42	19 57		n.a.
T 24	14 18	22 13	2 19	22 54	1 24	11 30	1 13	20 31	2 8	20 8	0 26	1 28	2 43	15 35	0 45	17 0	1 23	28 35	4 58	23 45	23 42	19 55		n.a.
F 25	13 58	23 42	1 9	22 47	1 32	11 2	1 12	20 38	2 7	20 9	0 26	1 27	2 44	15 33	0 45	16 59	1 23	28 35	4 58	23 45	23 42	19 54		n.a.
S 26	13 39	23 41	0s 7	22 40	1 38	10 33	1 10	20 44	2 7	20 10	0 26	1 25	2 44	15 32	0 45	16 59	1 23	28 35	4 58	23 45	23 41	19 52		n.a.
S 27	13 19	22 4	1 24	22 31	1 45	10 3	1 9	20 51	2 6	20 12	0 26	1 24	2 44	15 31	0 45	16 58	1 23	28 36	4 58	23 45	23 41	19 50		n.a.
M28	12 58	18 55	2 36	22 20	1 51	9 34	1 7	20 57	2 6	20 13	0 26	1 23	2 44	15 30	0 45	16 57	1 23	28 36	4 58	23 45	23 41	19 48		n.a.
T 29	12s38	14n30	3s39	22s 8	1s56	9s 4	1s 6	21n 4	2n 5	20s14	0n25	1s22	2n44	15s29	0s45	16s57	1s23	28s36	4s59	23s44	23s41	19s47		n.a.

Julian Day Number = 1198050.5, Delta T = 09h25m23s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'49, Lahiri = -23°43'48 Julian Calendar 1 Feb. 1433 BCE == Greg. Calendar 19 Jan. 1433 BCE

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

MARCH 1433 BCE (-1432) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 44 57	28♒14'53	25♌13	2♒33	10♓58	24♉12	0♐47	9°R35	20♒59	18♒18	22♐18	24°R11	23♐ 5	21♑15	n.a.	W 1
T 2	9 48 54	29°13'30	10♍ 7	3°56	12°12	24°39	0°53	9♎32	21° 2	18°20	22°19	24♐ 1	23° 2	21°22	n.a.	T 2
F 3	9 52 50	0♓12'04	24°45	5°20	13°26	25° 7	0°58	9°29	21° 6	18°23	22°20	23°51	22°58	21°29	n.a.	F 3
S 4	9 56 47	1°10'37	8♎58	6°46	14°40	25°34	1° 4	9°26	21° 9	18°25	22°20	23°42	22°55	21°35	n.a.	S 4
S 5	10 0 43	2° 9'08	22°43	8°14	15°54	26° 2	1° 9	9°23	21°12	18°27	22°21	23°34	22°52	21°42	n.a.	S 5
M 6	10 4 40	3° 7'37	6♏ 0	9°44	17° 7	26°31	1°14	9°20	21°16	18°29	22°22	23°29	22°49	21°49	n.a.	M 6
T 7	10 8 36	4° 6'05	18°50	11°16	18°21	26°59	1°18	9°17	21°19	18°32	22°23	23°26	22°46	21°55	n.a.	T 7
W 8	10 12 33	5° 4'31	1♐17	12°49	19°35	27°27	1°23	9°14	21°22	18°34	22°24	23°D25	22°43	22° 2	n.a.	W 8
T 9	10 16 30	6° 2'55	13°26	14°24	20°49	27°56	1°28	9°11	21°26	18°36	22°24	23°25	22°39	22° 9	n.a.	T 9
F 10	10 20 26	7° 1'17	25°22	16° 1	22° 3	28°25	1°32	9° 7	21°29	18°38	22°25	23°R25	22°36	22°15	n.a.	F 10
S 11	10 24 23	7°59'37	7♑11	17°39	23°16	28°54	1°36	9° 4	21°32	18°40	22°26	23°24	22°33	22°22	n.a.	S 11
S 12	10 28 19	8°57'56	18°58	19°19	24°30	29°23	1°40	9° 0	21°36	18°42	22°27	23°22	22°30	22°29	n.a.	S 12
M13	10 32 16	9°56'13	0♒47	21° 1	25°44	29°52	1°44	8°57	21°39	18°45	22°27	23°16	22°27	22°35	n.a.	M13
T 14	10 36 12	10°54'28	12°42	22°44	26°57	0♊21	1°47	8°53	21°42	18°47	22°28	23° 8	22°24	22°42	n.a.	T 14
W15	10 40 9	11°52'42	24°45	24°29	28°11	0°51	1°51	8°50	21°46	18°49	22°29	22°58	22°20	22°49	n.a.	W15
T 16	10 44 5	12°50'53	6♓59	26°16	29°25	1°21	1°54	8°46	21°49	18°51	22°29	22°45	22°17	22°55	n.a.	T 16
F 17	10 48 2	13°49'03	19°24	28° 5	0♈38	1°51	1°57	8°42	21°52	18°53	22°30	22°32	22°14	23° 2	n.a.	F 17
S 18	10 51 58	14°47'11	2♈ 1	29°55	1°52	2°21	2° 0	8°38	21°55	18°55	22°30	22°19	22°11	23° 9	n.a.	S 18
S 19	10 55 55	15°45'16	14°50	1♓47	3° 5	2°51	2° 3	8°35	21°58	18°57	22°31	22° 7	22° 8	23°15	n.a.	S 19
M20	10 59 52	16°43'20	27°50	3°40	4°19	3°21	2° 5	8°31	22° 2	18°59	22°31	21°58	22° 4	23°22	n.a.	M20
T 21	11 3 48	17°41'22	11♉ 1	5°36	5°32	3°52	2° 8	8°27	22° 5	19° 1	22°32	21°51	22° 1	23°29	n.a.	T 21
W22	11 7 45	18°39'22	24°25	7°33	6°46	4°22	2°10	8°23	22° 8	19° 3	22°32	21°48	21°58	23°35	n.a.	W22
T 23	11 11 41	19°37'20	8♊ 1	9°32	7°59	4°53	2°12	8°19	22°11	19° 5	22°32	21°46	21°55	23°42	n.a.	T 23
F 24	11 15 38	20°35'16	21°51	11°32	9°13	5°24	2°13	8°15	22°14	19° 7	22°33	21°46	21°52	23°49	n.a.	F 24
S 25	11 19 34	21°33'10	5♋56	13°34	10°26	5°55	2°15	8°11	22°17	19° 9	22°33	21°46	21°49	23°55	n.a.	S 25
S 26	11 23 31	22°31'02	20°14	15°37	11°39	6°26	2°16	8° 6	22°20	19°11	22°33	21°44	21°45	24° 2	n.a.	S 26
M27	11 27 27	23°28'52	4♌44	17°42	12°53	6°57	2°18	8° 2	22°23	19°13	22°34	21°40	21°42	24° 9	n.a.	M27
T 28	11 31 24	24°26'40	19°22	19°49	14° 6	7°28	2°19	7°58	22°26	19°15	22°34	21°34	21°39	24°15	n.a.	T 28
W29	11 35 21	25°24'26	4♍ 2	21°56	15°19	7°59	2°20	7°54	22°29	19°17	22°34	21°25	21°36	24°22	n.a.	W29
T 30	11 39 17	26°22'10	18°37	24° 4	16°32	8°31	2°20	7°49	22°32	19°19	22°34	21°14	21°33	24°29	n.a.	T 30
F 31	11 43 14	27♓19'53	3♎ 0	26♓14	17♈46	9♊ 3	2♐21	7♎45	22♒35	19♒21	22♐35	21♐ 2	21♐29	24♑35	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	12s18	9n10	4s26	21s54	2s 1	8s34	1s 4	21n10	2n 5	20s16	0n25	1s21	2n45	15s28	0s45	16s56	1s23	28s36	4s59	23s44	23s41	19s45			n.a.
T 2	11 57	3 22	4 55	21 38	2 5	8 4	1 3	21 17	2 5	20 17	0 25	1 19	2 45	15 27	0 45	16 55	1 23	28 37	4 59	23 44	23 41	19 43			n.a.
F 3	11 36	2s30	5 3	21 21	2 9	7 34	1 1	21 23	2 4	20 18	0 25	1 18	2 45	15 26	0 45	16 54	1 23	28 37	4 59	23 43	23 40	19 41			n.a.
S 4	11 15	8 5	4 53	21 2	2 12	7 3	0 59	21 30	2 4	20 19	0 25	1 17	2 45	15 25	0 45	16 54	1 24	28 37	4 59	23 43	23 40	19 39			n.a.
S 5	10 54	13 5	4 25	20 42	2 15	6 33	0 58	21 36	2 3	20 20	0 25	1 16	2 45	15 24	0 45	16 53	1 24	28 37	5 0	23 42	23 40	19 37			n.a.
M 6	10 32	17 16	3 44	20 20	2 18	6 2	0 56	21 42	2 3	20 22	0 25	1 14	2 45	15 22	0 45	16 52	1 24	28 38	5 0	23 42	23 40	19 36			n.a.
T 7	10 11	20 30	2 53	19 56	2 19	5 31	0 54	21 49	2 2	20 23	0 25	1 13	2 46	15 21	0 45	16 52	1 24	28 38	5 0	23 42	23 40	19 34			n.a.
W 8	9 49	22 39	1 55	19 30	2 21	4 59	0 52	21 55	2 2	20 24	0 25	1 11	2 46	15 20	0 45	16 51	1 24	28 38	5 0	23 42	23 40	19 32			n.a.
T 9	9 27	23 41	0 53	19 3	2 21	4 28	0 50	22 1	2 1	20 25	0 25	1 10	2 46	15 19	0 45	16 50	1 24	28 38	5 0	23 42	23 39	19 30			n.a.
F 10	9 5	23 36	0n10	18 34	2 22	3 57	0 48	22 7	2 1	20 25	0 25	1 8	2 46	15 18	0 45	16 50	1 24	28 39	5 1	23 42	23 39	19 28			n.a.
S 11	8 43	22 27	1 13	18 3	2 22	3 25	0 46	22 13	2 0	20 26	0 25	1 7	2 46	15 17	0 45	16 49	1 24	28 39	5 1	23 42	23 39	19 26			n.a.
S 12	8 21	20 20	2 11	17 31	2 21	2 54	0 44	22 19	2 0	20 27	0 25	1 5	2 46	15 16	0 45	16 48	1 24	28 39	5 1	23 42	23 39	19 25			n.a.
M13	7 59	17 20	3 4	16 56	2 19	2 22	0 42	22 25	1 59	20 28	0 25	1 4	2 46	15 15	0 45	16 48	1 24	28 39	5 1	23 41	23 39	19 23			n.a.
T 14	7 36	13 38	3 50	16 20	2 18	1 50	0 40	22 31	1 59	20 29	0 25	1 2	2 47	15 14	0 45	16 47	1 24	28 40	5 2	23 41	23 38	19 21			n.a.
W15	7 14	9 20	4 25	15 43	2 15	1 18	0 38	22 37	1 59	20 30	0 25	1 1	2 47	15 13	0 45	16 46	1 24	28 40	5 2	23 40	23 38	19 19			n.a.
T 16	6 51	4 38	4 49	15 3	2 12	0 47	0 35	22 43	1 58	20 30	0 25	0 59	2 47	15 12	0 45	16 46	1 24	28 40	5 2	23 40	23 38	19 17			n.a.
F 17	6 28	0n19	5 0	14 22	2 9	0 15	0 33	22 49	1 58	20 31	0 25	0 58	2 47	15 11	0 45	16 45	1 24	28 40	5 2	23 39	23 38	19 15			n.a.
S 18	6 6	5 20	4 56	13 38	2 5	0n17	0 31	22 55	1 57	20 32	0 25	0 56	2 47	15 10	0 45	16 45	1 24	28 41	5 2	23 38	23 38	19 13			n.a.
S 19	5 43	10 11	4 37	12 53	2 0	0 49	0 28	23 0	1 57	20 32	0 24	0 54	2 47	15 9	0 45	16 44	1 24	28 41	5 3	23 37	23 37	19 12			n.a.
M20	5 20	14 40	4 4	12 7	1 55	1 21	0 26	23 6	1 56	20 33	0 24	0 53	2 47	15 8	0 45	16 43	1 24	28 41	5 3	23 37	23 37	19 10			n.a.
T 21	4 57	18 31	3 18	11 19	1 49	1 53	0 24	23 11	1 56	20 33	0 24	0 51	2 47	15 6	0 45	16 43	1 24	28 41	5 3	23 36	23 37	19 8			n.a.
W22	4 34	21 27	2 19	10 29	1 43	2 24	0 21	23 17	1 55	20 34	0 24	0 49	2 47	15 5	0 45	16 42	1 24	28 42	5 3	23 36	23 37	19 6			n.a.
T 23	4 11	23 13	1 12	9 37	1 36	2 56	0 19	23 22	1 55	20 34	0 24	0 48	2 48	15 4	0 45	16 41	1 24	28 42	5 3	23 36	23 37	19 4			n.a.
F 24	3 48	23 36	0s 0	8 44	1 29	3 28	0 16	23 27	1 54	20 35	0 24	0 46	2 48	15 3	0 45	16 41	1 24	28 42	5 4	23 36	23 36	19 2			n.a.
S 25	3 24	22 30	1 14	7 49	1 21	3 59	0 14	23 32	1 54	20 35	0 24	0 44	2 48	15 2	0 45	16 40	1 24	28 42	5 4	23 36	23 36	19 0			n.a.
S 26	3 1	19 56	2 24	6 53	1 13	4 31	0 11	23 38	1 53	20 35	0 24	0 43	2 48	15 1	0 45	16 40	1 24	28 43	5 4	23 36	23 36	18 58			n.a.
M27	2 38	16 5	3 26	5 56	1 4	5 2	0 9	23 43	1 53	20 36	0 24	0 41	2 48	15 0	0 45	16 39	1 24	28 43	5 4	23 36	23 36	18 56			n.a.
T 28	2 15	11 15	4 15	4 57	0 55	5 34	0 6	23 47	1 53	20 36	0 24	0 39	2 48	14 59	0 45	16 38	1 24	28 43	5 5	23 35	23 36	18 55			n.a.
W29	1 51	5 45	4 47	3 57	0 46	6 5	0 4	23 52	1 52	20 36	0 24	0 37	2 48	14 58	0 45	16 38	1 24	28 43	5 5	23 35	23 35	18 53			n.a.
T 30	1 28	0s 1	5 0	2 57	0 36	6 36	0 1	23 57	1 52	20 37	0 24	0 36	2 48	14 57	0 45	16 37	1 24	28 44	5 5	23 34	23 35	18 51			n.a.
F 31	1s 5	5s42	4s54	1s55	0s26	7n 7	0n 2	24n 2	1n51	20s37	0n24	0s34	2n48	14s57	0s45	16s37	1s24	28s44	5s 5	23s33	23s35	18s49			n.a.

Julian Day Number = 1198079.5, Delta T = 09h25m21s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'45, Lahiri = -23°43'44 Julian Calendar 1 March 1433 BCE == Greg. Calendar 17 Feb. 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

APRIL 1433 BCE (-1432) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 47 10	28♓17'34	17♎ 3	28♓24	18♈59	9♊34	2♐21	7°R41	22♒38	19♒23	22♐35	20°R51	21♐26	24♑42	n.a.	S 1
S 2	11 51 7	29°15'14	0♏44	0♈34	20°12	10° 6	2°R21	7♎37	22°41	19°25	22°35	20♐42	21°23	24°49	n.a.	S 2
M 3	11 55 3	0♈12'53	13°59	2°45	21°25	10°38	2°21	7°32	22°44	19°27	22°35	20°35	21°20	24°55	n.a.	M 3
T 4	11 59 0	1°10'30	26°50	4°55	22°38	11°10	2°21	7°28	22°47	19°28	22°35	20°31	21°17	25° 2	n.a.	T 4
W 5	12 2 56	2° 8'06	9♐19	7° 5	23°51	11°42	2°20	7°23	22°50	19°30	22°35	20°29	21°14	25° 9	n.a.	W 5
T 6	12 6 53	3° 5'41	21°30	9°15	25° 4	12°14	2°20	7°19	22°52	19°32	22°R35	20°D29	21°10	25°15	n.a.	T 6
F 7	12 10 49	4° 3'15	3♑28	11°23	26°17	12°47	2°19	7°15	22°55	19°34	22°35	20°R29	21° 7	25°22	n.a.	F 7
S 8	12 14 46	5° 0'48	15°19	13°30	27°30	13°19	2°18	7°10	22°58	19°35	22°35	20°29	21° 4	25°29	n.a.	S 8
S 9	12 18 43	5°58'19	27° 8	15°36	28°43	13°52	2°17	7° 6	23° 1	19°37	22°35	20°27	21° 1	25°35	n.a.	S 9
M10	12 22 39	6°55'50	9♒ 0	17°40	29°56	14°24	2°15	7° 1	23° 3	19°39	22°35	20°23	20°58	25°42	n.a.	M10
T 11	12 26 36	7°53'19	21° 0	19°43	1♉ 9	14°57	2°14	6°57	23° 6	19°40	22°35	20°16	20°55	25°49	n.a.	T 11
W12	12 30 32	8°50'48	3♓10	21°43	2°21	15°30	2°12	6°53	23° 9	19°42	22°35	20° 7	20°51	25°55	n.a.	W12
T 13	12 34 29	9°48'15	15°34	23°40	3°34	16° 3	2°10	6°48	23°11	19°44	22°34	19°56	20°48	26° 2	n.a.	T 13
F 14	12 38 25	10°45'41	28°13	25°36	4°47	16°36	2° 8	6°44	23°14	19°45	22°34	19°44	20°45	26° 9	n.a.	F 14
S 15	12 42 22	11°43'06	11♈ 8	27°29	6° 0	17° 9	2° 5	6°39	23°16	19°47	22°34	19°33	20°42	26°15	n.a.	S 15
S 16	12 46 18	12°40'30	24°17	29°19	7°13	17°42	2° 3	6°35	23°19	19°48	22°34	19°23	20°39	26°22	n.a.	S 16
M17	12 50 15	13°37'53	7♉38	1♉ 7	8°25	18°16	2° 0	6°31	23°21	19°50	22°33	19°14	20°35	26°29	n.a.	M17
T 18	12 54 12	14°35'15	21°11	2°51	9°38	18°49	1°57	6°26	23°24	19°51	22°33	19° 9	20°32	26°36	n.a.	T 18
W19	12 58 8	15°32'35	4♊54	4°33	10°50	19°22	1°54	6°22	23°26	19°53	22°33	19° 6	20°29	26°42	n.a.	W19
T 20	13 2 5	16°29'55	18°45	6°12	12° 3	19°56	1°51	6°18	23°28	19°54	22°32	19°D 5	20°26	26°49	n.a.	T 20
F 21	13 6 1	17°27'13	2♋43	7°49	13°16	20°30	1°48	6°13	23°31	19°56	22°32	19° 6	20°23	26°56	n.a.	F 21
S 22	13 9 58	18°24'30	16°48	9°22	14°28	21° 3	1°44	6° 9	23°33	19°57	22°32	19°R 6	20°20	27° 2	n.a.	S 22
S 23	13 13 54	19°21'45	0♌58	10°52	15°41	21°37	1°40	6° 5	23°35	19°59	22°31	19° 5	20°16	27° 9	n.a.	S 23
M24	13 17 51	20°19'00	15°13	12°19	16°53	22°11	1°36	6° 1	23°37	20° 0	22°31	19° 3	20°13	27°16	n.a.	M24
T 25	13 21 47	21°16'13	29°29	13°44	18° 5	22°45	1°32	5°56	23°40	20° 1	22°30	18°58	20°10	27°22	n.a.	T 25
W26	13 25 44	22°13'25	13♍44	15° 5	19°18	23°19	1°28	5°52	23°42	20° 2	22°30	18°52	20° 7	27°29	n.a.	W26
T 27	13 29 41	23°10'36	27°52	16°23	20°30	23°53	1°24	5°48	23°44	20° 4	22°29	18°44	20° 4	27°36	n.a.	T 27
F 28	13 33 37	24° 7'46	11♎50	17°38	21°42	24°27	1°19	5°44	23°46	20° 5	22°28	18°35	20° 0	27°42	n.a.	F 28
S 29	13 37 34	25° 4'56	25°33	18°50	22°55	25° 2	1°14	5°40	23°48	20° 6	22°28	18°26	19°57	27°49	n.a.	S 29
S 30	13 41 30	26♈ 2'04	8♏58	19♉58	24♉ 7	25♊36	1♐10	5♎36	23♒50	20♒ 7	22♐27	18♐19	19♐54	27♑56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s41	10s57	4s30	0s53	0s16	7n37	0n 4	24n 6	1n51	20s37	0n24	0s32	2n48	14s56	0s45	16s36	1s24	28s44	5s 5	23s32	23s35	18s47		n.a.
S 2	0 18	15 32	3 51	0n 9	0 5	8 8	0 7	24 10	1 50	20 37	0 24	0 30	2 48	14 55	0 45	16 36	1 24	28 44	5 6	23 32	23 35	18 45		n.a.
M 3	0n 5	19 11	3 0	1 12	0n 6	8 38	0 9	24 15	1 50	20 37	0 24	0 29	2 48	14 54	0 45	16 35	1 24	28 44	5 6	23 31	23 34	18 43		n.a.
T 4	0 29	21 46	2 2	2 14	0 16	9 9	0 12	24 19	1 49	20 37	0 23	0 27	2 48	14 53	0 46	16 34	1 24	28 45	5 6	23 31	23 34	18 41		n.a.
W 5	0 52	23 13	0 59	3 16	0 27	9 39	0 15	24 23	1 49	20 37	0 23	0 25	2 48	14 52	0 46	16 34	1 24	28 45	5 6	23 31	23 34	18 39		n.a.
T 6	1 15	23 30	0n 5	4 18	0 37	10 8	0 17	24 27	1 48	20 37	0 23	0 23	2 48	14 51	0 46	16 33	1 24	28 45	5 7	23 31	23 34	18 37		n.a.
F 7	1 38	22 41	1 8	5 18	0 48	10 38	0 20	24 31	1 48	20 37	0 23	0 21	2 48	14 50	0 46	16 33	1 25	28 45	5 7	23 31	23 34	18 35		n.a.
S 8	2 2	20 51	2 8	6 18	0 58	11 7	0 23	24 35	1 47	20 37	0 23	0 20	2 48	14 49	0 46	16 32	1 25	28 46	5 7	23 31	23 33	18 33		n.a.
S 9	2 25	18 8	3 2	7 17	1 7	11 36	0 25	24 38	1 47	20 36	0 23	0 18	2 48	14 48	0 46	16 32	1 25	28 46	5 7	23 31	23 33	18 31		n.a.
M10	2 48	14 40	3 48	8 14	1 17	12 5	0 28	24 42	1 47	20 36	0 23	0 16	2 48	14 47	0 46	16 31	1 25	28 46	5 7	23 30	23 33	18 30		n.a.
T 11	3 11	10 35	4 24	9 9	1 26	12 33	0 31	24 45	1 46	20 36	0 23	0 14	2 48	14 47	0 46	16 31	1 25	28 46	5 8	23 30	23 33	18 28		n.a.
W12	3 34	6 2	4 49	10 3	1 34	13 1	0 33	24 48	1 46	20 36	0 23	0 13	2 48	14 46	0 46	16 30	1 25	28 46	5 8	23 29	23 32	18 26		n.a.
T 13	3 57	1 10	5 1	10 55	1 42	13 29	0 36	24 52	1 45	20 35	0 23	0 11	2 48	14 45	0 46	16 30	1 25	28 47	5 8	23 28	23 32	18 24		n.a.
F 14	4 20	3n50	4 59	11 45	1 49	13 57	0 38	24 55	1 45	20 35	0 23	0 9	2 48	14 44	0 46	16 29	1 25	28 47	5 8	23 28	23 32	18 22		n.a.
S 15	4 43	8 47	4 41	12 33	1 56	14 24	0 41	24 57	1 44	20 35	0 23	0 8	2 48	14 43	0 46	16 29	1 25	28 47	5 9	23 27	23 32	18 20		n.a.
S 16	5 6	13 25	4 9	13 19	2 2	14 51	0 44	25 0	1 44	20 34	0 22	0 6	2 48	14 42	0 46	16 28	1 25	28 47	5 9	23 26	23 32	18 18		n.a.
M17	5 28	17 28	3 22	14 2	2 7	15 17	0 46	25 3	1 43	20 34	0 22	0 4	2 48	14 42	0 46	16 28	1 25	28 47	5 9	23 25	23 31	18 16		n.a.
T 18	5 51	20 40	2 23	14 44	2 11	15 43	0 49	25 5	1 43	20 33	0 22	0 2	2 48	14 41	0 46	16 28	1 25	28 48	5 9	23 25	23 31	18 14		n.a.
W19	6 13	22 43	1 15	15 23	2 15	16 9	0 51	25 8	1 42	20 33	0 22	0 1	2 48	14 40	0 46	16 27	1 25	28 48	5 9	23 24	23 31	18 12		n.a.
T 20	6 36	23 24	0 2	16 0	2 18	16 34	0 54	25 10	1 42	20 32	0 22	0n 1	2 48	14 39	0 46	16 27	1 25	28 48	5 10	23 24	23 31	18 10		n.a.
F 21	6 58	22 38	1s12	16 34	2 21	16 59	0 56	25 12	1 41	20 32	0 22	0 3	2 48	14 38	0 46	16 26	1 25	28 48	5 10	23 24	23 30	18 8		n.a.
S 22	7 20	20 26	2 22	17 7	2 22	17 24	0 59	25 14	1 41	20 31	0 22	0 4	2 47	14 38	0 46	16 26	1 25	28 48	5 10	23 24	23 30	18 6		n.a.
S 23	7 42	16 58	3 24	17 37	2 23	17 48	1 1	25 16	1 40	20 30	0 22	0 6	2 47	14 37	0 46	16 26	1 25	28 49	5 10	23 24	23 30	18 4		n.a.
M24	8 4	12 31	4 14	18 5	2 23	18 11	1 4	25 17	1 40	20 30	0 22	0 7	2 47	14 36	0 46	16 25	1 25	28 49	5 10	23 24	23 30	18 2		n.a.
T 25	8 26	7 22	4 48	18 30	2 23	18 34	1 6	25 19	1 40	20 29	0 22	0 9	2 47	14 36	0 46	16 25	1 25	28 49	5 11	23 24	23 29	18 0		n.a.
W26	8 48	1 50	5 4	18 54	2 21	18 57	1 8	25 20	1 39	20 28	0 21	0 11	2 47	14 35	0 46	16 24	1 25	28 49	5 11	23 23	23 29	17 58		n.a.
T 27	9 10	3s44	5 1	19 15	2 19	19 19	1 11	25 22	1 39	20 27	0 21	0 12	2 47	14 34	0 46	16 24	1 25	28 49	5 11	23 22	23 29	17 56		n.a.
F 28	9 31	9 3	4 41	19 34	2 16	19 41	1 13	25 23	1 38	20 26	0 21	0 14	2 47	14 34	0 46	16 24	1 26	28 49	5 11	23 22	23 29	17 54		n.a.
S 29	9 52	13 50	4 4	19 51	2 12	20 2	1 15	25 24	1 38	20 26	0 21	0 15	2 47	14 33	0 46	16 23	1 26	28 50	5 12	23 21	23 29	17 52		n.a.
S 30	10n14	17s48	3s15	20n 6	2n 8	20n23	1n17	25n24	1n37	20s25	0n21	0n17	2n47	14s32	0s46	16s23	1s26	28s50	5s12	23s20	23s28	17s50		n.a.

Julian Day Number = 1198110.5, Delta T = 09h25m19s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'41, Lahiri = -23°43'40 Julian Calendar 1 Apr. 1433 BCE == Greg. Calendar 19 March 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

MAY 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 45 27	26♈59'13	22♏ 2	21♉ 3	25♉19	26♊10	1°R 5	5°R32	23♒52	20♒ 8	22°R27	18°R14	19♐51	28♑ 2	n.a.	M 1
T 2	13 49 23	27°56'20	4♐46	22° 5	26°31	26°45	0♐59	5♎28	23°54	20°10	22♐26	18♐11	19°48	28° 9	n.a.	T 2
W 3	13 53 20	28°53'28	17°12	23° 3	27°43	27°19	0°54	5°24	23°56	20°11	22°25	18°D10	19°45	28°16	n.a.	W 3
T 4	13 57 17	29°50'35	29°23	23°58	28°55	27°54	0°49	5°20	23°58	20°12	22°25	18°11	19°41	28°22	n.a.	T 4
F 5	14 1 13	0♉47'42	11♑22	24°49	0♊ 7	28°29	0°43	5°17	23°59	20°13	22°24	18°12	19°38	28°29	n.a.	F 5
S 6	14 5 10	1°44'48	23°14	25°37	1°19	29° 3	0°37	5°13	24° 1	20°14	22°23	18°13	19°35	28°36	n.a.	S 6
S 7	14 9 6	2°41'54	5♒ 5	26°20	2°31	29°38	0°31	5° 9	24° 3	20°15	22°22	18°R14	19°32	28°42	n.a.	S 7
M 8	14 13 3	3°39'00	16°59	27° 0	3°43	0♋13	0°25	5° 6	24° 4	20°16	22°22	18°13	19°29	28°49	n.a.	M 8
T 9	14 16 59	4°36'06	29° 1	27°36	4°55	0°48	0°19	5° 2	24° 6	20°17	22°21	18°10	19°26	28°56	n.a.	T 9
W10	14 20 56	5°33'12	11♓16	28° 7	6° 7	1°23	0°13	4°59	24° 8	20°18	22°20	18° 5	19°22	29° 2	n.a.	W10
T 11	14 24 52	6°30'18	23°46	28°35	7°19	1°58	0° 7	4°55	24° 9	20°18	22°19	17°59	19°19	29° 9	n.a.	T 11
F 12	14 28 49	7°27'23	6♈35	28°58	8°30	2°34	0° 0	4°52	24°11	20°19	22°18	17°53	19°16	29°16	n.a.	F 12
S 13	14 32 46	8°24'29	19°43	29°16	9°42	3° 9	29♏54	4°48	24°12	20°20	22°17	17°46	19°13	29°22	n.a.	S 13
S 14	14 36 42	9°21'34	3♉10	29°30	10°54	3°44	29°47	4°45	24°14	20°21	22°16	17°40	19°10	29°29	n.a.	S 14
M15	14 40 39	10°18'39	16°54	29°40	12° 5	4°20	29°40	4°42	24°15	20°21	22°15	17°36	19° 6	29°36	n.a.	M15
T 16	14 44 35	11°15'44	0♊52	29°45	13°17	4°55	29°33	4°39	24°16	20°22	22°14	17°33	19° 3	29°42	n.a.	T 16
W17	14 48 32	12°12'49	14°59	29°R45	14°29	5°31	29°26	4°36	24°17	20°23	22°13	17°D32	19° 0	29°49	n.a.	W17
T 18	14 52 28	13° 9'54	29°13	29°41	15°40	6° 6	29°19	4°33	24°19	20°23	22°12	17°32	18°57	29°56	n.a.	T 18
F 19	14 56 25	14° 6'59	13♋30	29°33	16°52	6°42	29°12	4°30	24°20	20°24	22°11	17°34	18°54	0♒ 2	n.a.	F 19
S 20	15 0 21	15° 4'03	27°47	29°19	18° 3	7°18	29° 5	4°27	24°21	20°25	22°10	17°35	18°51	0° 9	n.a.	S 20
S 21	15 4 18	16° 1'07	12♌ 0	29° 2	19°14	7°53	28°58	4°24	24°22	20°25	22° 9	17°R36	18°47	0°16	n.a.	S 21
M22	15 8 15	16°58'10	26° 9	28°41	20°26	8°29	28°50	4°22	24°23	20°26	22° 8	17°36	18°44	0°23	n.a.	M22
T 23	15 12 11	17°55'13	10♍12	28°16	21°37	9° 5	28°43	4°19	24°24	20°26	22° 7	17°34	18°41	0°29	n.a.	T 23
W24	15 16 8	18°52'16	24° 6	27°48	22°48	9°41	28°35	4°17	24°25	20°27	22° 6	17°31	18°38	0°36	n.a.	W24
T 25	15 20 4	19°49'19	7♎49	27°16	23°59	10°17	28°28	4°14	24°26	20°27	22° 5	17°28	18°35	0°43	n.a.	T 25
F 26	15 24 1	20°46'22	21°20	26°43	25°10	10°53	28°20	4°12	24°27	20°27	22° 4	17°24	18°32	0°49	n.a.	F 26
S 27	15 27 57	21°43'26	4♏38	26° 7	26°21	11°30	28°13	4°10	24°28	20°28	22° 3	17°20	18°28	0°56	n.a.	S 27
S 28	15 31 54	22°40'29	17°40	25°30	27°32	12° 6	28° 5	4° 7	24°28	20°28	22° 2	17°17	18°25	1° 3	n.a.	S 28
M29	15 35 51	23°37'33	0♐28	24°52	28°43	12°42	27°58	4° 5	24°29	20°28	22° 0	17°15	18°22	1° 9	n.a.	M29
T 30	15 39 47	24°34'37	12°59	24°14	29°54	13°19	27°50	4° 3	24°30	20°28	21°59	17°D14	18°19	1°16	n.a.	T 30
W31	15 43 44	25♉31'41	25♐17	23♉36	1♋ 5	13♋55	27♏42	4♎ 1	24♒30	20♒29	21♐58	17♐14	18♐16	1♒23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10n35	20s47	2s16	20n18	2n 3	20n43	1n19	25n25	1n37	20s24	0n21	0n18	2n47	14s32	0s46	16s23	1s26	28s50	5s12	23s20	23s28	17s48			n.a.
T 2	10 56	22 38	1 12	20 29	1 57	21 2	1 21	25 26	1 36	20 23	0 21	0 20	2 46	14 31	0 46	16 22	1 26	28 50	5 12	23 20	23 28	17 46			n.a.
W 3	11 16	23 19	0 5	20 38	1 50	21 21	1 23	25 26	1 36	20 22	0 21	0 21	2 46	14 30	0 46	16 22	1 26	28 50	5 12	23 20	23 28	17 44			n.a.
T 4	11 37	22 51	1n 0	20 45	1 42	21 40	1 25	25 26	1 35	20 21	0 21	0 23	2 46	14 30	0 46	16 22	1 26	28 50	5 13	23 20	23 27	17 42			n.a.
F 5	11 57	21 20	2 2	20 50	1 34	21 57	1 27	25 26	1 35	20 20	0 20	0 24	2 46	14 29	0 46	16 22	1 26	28 51	5 13	23 20	23 27	17 40			n.a.
S 6	12 17	18 54	2 58	20 52	1 25	22 15	1 29	25 26	1 34	20 19	0 20	0 25	2 46	14 29	0 46	16 21	1 26	28 51	5 13	23 20	23 27	17 38			n.a.
S 7	12 37	15 41	3 46	20 54	1 15	22 31	1 31	25 26	1 34	20 17	0 20	0 27	2 46	14 28	0 47	16 21	1 26	28 51	5 13	23 20	23 27	17 36			n.a.
M 8	12 57	11 49	4 25	20 53	1 5	22 47	1 33	25 25	1 33	20 16	0 20	0 28	2 46	14 28	0 47	16 21	1 26	28 51	5 13	23 20	23 26	17 34			n.a.
T 9	13 17	7 27	4 53	20 50	0 53	23 3	1 35	25 25	1 33	20 15	0 20	0 29	2 45	14 27	0 47	16 20	1 26	28 51	5 13	23 20	23 26	17 32			n.a.
W10	13 36	2 44	5 7	20 46	0 41	23 17	1 36	25 24	1 32	20 14	0 20	0 31	2 45	14 27	0 47	16 20	1 26	28 51	5 14	23 19	23 26	17 30			n.a.
T 11	13 56	2n11	5 8	20 40	0 29	23 31	1 38	25 23	1 32	20 13	0 20	0 32	2 45	14 26	0 47	16 20	1 26	28 51	5 14	23 19	23 25	17 28			n.a.
F 12	14 15	7 8	4 53	20 32	0 16	23 45	1 39	25 22	1 32	20 11	0 20	0 33	2 45	14 26	0 47	16 20	1 26	28 52	5 14	23 18	23 25	17 26			n.a.
S 13	14 33	11 54	4 23	20 23	0 2	23 58	1 41	25 21	1 31	20 10	0 19	0 34	2 45	14 25	0 47	16 20	1 26	28 52	5 14	23 17	23 25	17 24			n.a.
S 14	14 52	16 11	3 38	20 12	0s13	24 10	1 42	25 19	1 31	20 9	0 19	0 35	2 44	14 25	0 47	16 19	1 26	28 52	5 14	23 17	23 25	17 22			n.a.
M15	15 10	19 43	2 39	19 59	0 27	24 21	1 44	25 17	1 30	20 7	0 19	0 36	2 44	14 24	0 47	16 19	1 26	28 52	5 15	23 16	23 24	17 20			n.a.
T 16	15 28	22 9	1 30	19 46	0 43	24 32	1 45	25 16	1 30	20 6	0 19	0 37	2 44	14 24	0 47	16 19	1 27	28 52	5 15	23 16	23 24	17 17			n.a.
W17	15 46	23 14	0 14	19 30	0 58	24 42	1 46	25 14	1 29	20 5	0 19	0 38	2 44	14 24	0 47	16 19	1 27	28 52	5 15	23 16	23 24	17 15			n.a.
T 18	16 4	22 48	1s 3	19 14	1 14	24 51	1 47	25 12	1 29	20 3	0 19	0 39	2 44	14 23	0 47	16 19	1 27	28 52	5 15	23 16	23 24	17 13			n.a.
F 19	16 21	20 53	2 17	18 56	1 30	25 0	1 49	25 9	1 28	20 2	0 19	0 40	2 44	14 23	0 47	16 19	1 27	28 52	5 15	23 16	23 23	17 11			n.a.
S 20	16 39	17 40	3 22	18 38	1 46	25 8	1 50	25 7	1 28	20 0	0 19	0 41	2 43	14 22	0 47	16 18	1 27	28 52	5 15	23 16	23 23	17 9			n.a.
S 21	16 55	13 25	4 15	18 19	2 2	25 15	1 50	25 4	1 27	19 59	0 18	0 42	2 43	14 22	0 47	16 18	1 27	28 53	5 16	23 16	23 23	17 7			n.a.
M22	17 12	8 27	4 51	17 58	2 18	25 22	1 51	25 2	1 27	19 57	0 18	0 43	2 43	14 22	0 47	16 18	1 27	28 53	5 16	23 16	23 23	17 5			n.a.
T 23	17 28	3 6	5 10	17 38	2 34	25 27	1 52	24 59	1 26	19 56	0 18	0 44	2 43	14 22	0 47	16 18	1 27	28 53	5 16	23 16	23 22	17 3			n.a.
W24	17 44	2s21	5 11	17 17	2 49	25 32	1 53	24 56	1 26	19 54	0 18	0 45	2 42	14 21	0 47	16 18	1 27	28 53	5 16	23 16	23 22	17 1			n.a.
T 25	18 0	7 38	4 54	16 56	3 3	25 37	1 53	24 52	1 25	19 53	0 18	0 46	2 42	14 21	0 47	16 18	1 27	28 53	5 16	23 16	23 22	16 59			n.a.
F 26	18 16	12 28	4 20	16 35	3 17	25 40	1 54	24 49	1 25	19 51	0 18	0 46	2 42	14 21	0 47	16 18	1 27	28 53	5 16	23 15	23 21	16 57			n.a.
S 27	18 31	16 37	3 33	16 14	3 29	25 43	1 54	24 45	1 24	19 50	0 17	0 47	2 42	14 21	0 47	16 18	1 27	28 53	5 17	23 15	23 21	16 55			n.a.
S 28	18 46	19 53	2 35	15 54	3 41	25 45	1 55	24 42	1 24	19 48	0 17	0 48	2 42	14 20	0 47	16 18	1 27	28 53	5 17	23 15	23 21	16 53			n.a.
M29	19 1	22 5	1 31	15 35	3 51	25 46	1 55	24 38	1 23	19 47	0 17	0 48	2 41	14 20	0 47	16 18	1 27	28 53	5 17	23 14	23 21	16 50			n.a.
T 30	19 15	23 9	0 23	15 17	4 1	25 47	1 55	24 33	1 23	19 45	0 17	0 49	2 41	14 20	0 47	16 18	1 27	28 53	5 17	23 14	23 20	16 48			n.a.
W31	19n29	23s 2	0n44	15n 0	4s 8	25n47	1n55	24n29	1n22	19s43	0n17	0n50	2n41	14s20	0s47	16s18	1s27	28s53	5s17	23s14	23s20	16s46			n.a.

Julian Day Number = 1198140.5, Delta T = 09h25m17s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'36, Lahiri = -23°43'36 Julian Calendar 1 May 1433 BCE == Greg. Calendar 18 Apr. 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

JUNE 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 47 40	26♉28'46	7♑24	23°R 0	2♋16	14♋31	27°R34	3°R59	24♒31	20♒29	21°R57	17♐15	18♐12	1♒29	n.a.	T 1
F 2	15 51 37	27°25'52	19°21	22♉26	3°26	15° 8	27♏27	3♎58	24°31	20°29	21♐56	17°16	18° 9	1°36	n.a.	F 2
S 3	15 55 33	28°22'58	1♒13	21°54	4°37	15°45	27°19	3°56	24°32	20°29	21°54	17°18	18° 6	1°43	n.a.	S 3
S 4	15 59 30	29°20'05	13° 3	21°25	5°47	16°21	27°11	3°54	24°32	20°29	21°53	17°19	18° 3	1°49	n.a.	S 4
M 5	16 3 26	0♊17'13	24°57	21° 0	6°58	16°58	27° 4	3°53	24°33	20°29	21°52	17°R20	18° 0	1°56	n.a.	M 5
T 6	16 7 23	1°14'22	7♓ 0	20°39	8° 8	17°35	26°56	3°51	24°33	20°R29	21°51	17°20	17°57	2° 3	n.a.	T 6
W 7	16 11 20	2°11'31	19°15	20°22	9°19	18°12	26°48	3°50	24°33	20°29	21°49	17°19	17°53	2° 9	n.a.	W 7
T 8	16 15 16	3° 8'41	1♈46	20°10	10°29	18°49	26°41	3°49	24°34	20°29	21°48	17°18	17°50	2°16	n.a.	T 8
F 9	16 19 13	4° 5'53	14°39	20° 3	11°39	19°26	26°33	3°48	24°34	20°29	21°47	17°16	17°47	2°23	n.a.	F 9
S 10	16 23 9	5° 3'05	27°53	20°D 2	12°49	20° 3	26°25	3°47	24°34	20°29	21°45	17°14	17°44	2°29	n.a.	S 10
S 11	16 27 6	6° 0'18	11♉31	20° 6	14° 0	20°40	26°18	3°46	24°34	20°29	21°44	17°13	17°41	2°36	n.a.	S 11
M12	16 31 2	6°57'32	25°31	20°16	15°10	21°17	26°10	3°45	24°R34	20°29	21°43	17°12	17°37	2°43	n.a.	M12
T 13	16 34 59	7°54'47	9♊49	20°32	16°20	21°54	26° 3	3°44	24°34	20°28	21°41	17°12	17°34	2°50	n.a.	T 13
W14	16 38 56	8°52'03	24°21	20°53	17°29	22°31	25°56	3°43	24°34	20°28	21°40	17°D12	17°31	2°56	n.a.	W14
T 15	16 42 52	9°49'20	9♋ 1	21°21	18°39	23° 9	25°48	3°43	24°34	20°28	21°39	17°12	17°28	3° 3	n.a.	T 15
F 16	16 46 49	10°46'37	23°43	21°54	19°49	23°46	25°41	3°42	24°34	20°28	21°37	17°12	17°25	3°10	n.a.	F 16
S 17	16 50 45	11°43'55	8♌19	22°33	20°59	24°24	25°34	3°42	24°33	20°27	21°36	17°13	17°22	3°16	n.a.	S 17
S 18	16 54 42	12°41'14	22°46	23°18	22° 8	25° 1	25°27	3°42	24°33	20°27	21°35	17°13	17°18	3°23	n.a.	S 18
M19	16 58 38	13°38'33	7♍ 0	24° 9	23°18	25°39	25°20	3°41	24°33	20°27	21°33	17°14	17°15	3°30	n.a.	M19
T 20	17 2 35	14°35'53	20°59	25° 5	24°27	26°16	25°13	3°41	24°32	20°26	21°32	17°R14	17°12	3°36	n.a.	T 20
W21	17 6 31	15°33'14	4♎41	26° 7	25°37	26°54	25° 6	3°D41	24°32	20°26	21°31	17°13	17° 9	3°43	n.a.	W21
T 22	17 10 28	16°30'35	18° 6	27°15	26°46	27°32	24°59	3°41	24°32	20°25	21°29	17°13	17° 6	3°50	n.a.	T 22
F 23	17 14 25	17°27'58	1♏16	28°28	27°55	28°10	24°53	3°41	24°31	20°25	21°28	17°D13	17° 3	3°56	n.a.	F 23
S 24	17 18 21	18°25'21	14°10	29°46	29° 4	28°47	24°46	3°42	24°31	20°24	21°26	17°13	16°59	4° 3	n.a.	S 24
S 25	17 22 18	19°22'46	26°51	1♊ 9	0♌13	29°25	24°40	3°42	24°30	20°23	21°25	17°14	16°56	4°10	n.a.	S 25
M26	17 26 14	20°20'11	9♐20	2°37	1°22	0♌ 3	24°34	3°43	24°29	20°23	21°24	17°14	16°53	4°16	n.a.	M26
T 27	17 30 11	21°17'38	21°37	4° 9	2°31	0°41	24°28	3°43	24°29	20°22	21°22	17°R14	16°50	4°23	n.a.	T 27
W28	17 34 7	22°15'06	3♑44	5°46	3°39	1°20	24°22	3°44	24°28	20°22	21°21	17°14	16°47	4°30	n.a.	W28
T 29	17 38 4	23°12'36	15°44	7°27	4°48	1°58	24°16	3°45	24°27	20°21	21°19	17°13	16°43	4°37	n.a.	T 29
F 30	17 42 1	24♊10'06	27♑38	9♊11	5♌56	2♌36	24♏10	3♎45	24♒26	20♒20	21♐18	17♐12	16♐40	4♒43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n43	21s50	1n49	14n45	4s15	25n46	1n55	24n25	1n22	19s42	0n17	0n50	2n41	14s20	0s47	16s18	1s27	28s54	5s17	23s14	23s20	16s44		n.a.
F 2	19 56	19 40	2 48	14 32	4 19	25 44	1 55	24 20	1 21	19 40	0 17	0 51	2 40	14 19	0 48	16 18	1 28	28 54	5 18	23 14	23 19	16 42		n.a.
S 3	20 9	16 40	3 40	14 20	4 22	25 42	1 55	24 15	1 21	19 39	0 16	0 51	2 40	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 19	16 40		n.a.
S 4	20 22	13 1	4 22	14 11	4 24	25 39	1 55	24 10	1 20	19 37	0 16	0 52	2 40	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 19	16 38		n.a.
M 5	20 34	8 51	4 53	14 5	4 24	25 35	1 55	24 5	1 20	19 35	0 16	0 52	2 40	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 19	16 36		n.a.
T 6	20 46	4 17	5 11	14 1	4 23	25 31	1 54	24 0	1 19	19 34	0 16	0 52	2 39	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 18	16 34		n.a.
W 7	20 58	0n30	5 16	13 59	4 20	25 25	1 54	23 54	1 19	19 32	0 16	0 53	2 39	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 18	16 32		n.a.
T 8	21 9	5 23	5 6	14 0	4 16	25 19	1 53	23 49	1 18	19 30	0 16	0 53	2 39	14 19	0 48	16 18	1 28	28 54	5 18	23 15	23 18	16 29		n.a.
F 9	21 20	10 10	4 41	14 3	4 10	25 13	1 52	23 43	1 18	19 29	0 15	0 53	2 39	14 19	0 48	16 18	1 28	28 54	5 18	23 14	23 17	16 27		n.a.
S 10	21 31	14 38	4 0	14 9	4 3	25 5	1 52	23 37	1 17	19 27	0 15	0 53	2 38	14 19	0 48	16 18	1 28	28 54	5 19	23 14	23 17	16 25		n.a.
S 11	21 41	18 29	3 5	14 18	3 56	24 57	1 51	23 31	1 17	19 25	0 15	0 53	2 38	14 19	0 48	16 18	1 28	28 54	5 19	23 14	23 17	16 23		n.a.
M12	21 51	21 22	1 57	14 29	3 47	24 48	1 50	23 24	1 16	19 24	0 15	0 54	2 38	14 19	0 48	16 18	1 28	28 54	5 19	23 14	23 17	16 21		n.a.
T 13	22 1	22 59	0 41	14 43	3 37	24 39	1 49	23 18	1 16	19 22	0 15	0 54	2 38	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 16	16 19		n.a.
W14	22 10	23 5	0s40	14 59	3 26	24 28	1 48	23 11	1 15	19 21	0 14	0 54	2 37	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 16	16 17		n.a.
T 15	22 19	21 35	1 58	15 17	3 15	24 17	1 46	23 4	1 15	19 19	0 14	0 54	2 37	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 16	16 15		n.a.
F 16	22 27	18 38	3 9	15 37	3 3	24 6	1 45	22 57	1 14	19 17	0 14	0 54	2 37	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 15	16 12		n.a.
S 17	22 35	14 32	4 7	16 0	2 50	23 54	1 43	22 50	1 14	19 16	0 14	0 53	2 36	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 15	16 10		n.a.
S 18	22 43	9 37	4 49	16 24	2 37	23 41	1 42	22 42	1 13	19 14	0 14	0 53	2 36	14 19	0 48	16 19	1 28	28 54	5 19	23 14	23 15	16 8		n.a.
M19	22 50	4 16	5 12	16 49	2 24	23 27	1 40	22 35	1 13	19 13	0 14	0 53	2 36	14 20	0 48	16 20	1 28	28 54	5 20	23 14	23 14	16 6		n.a.
T 20	22 57	1s12	5 17	17 17	2 10	23 13	1 38	22 27	1 12	19 11	0 13	0 53	2 36	14 20	0 48	16 20	1 29	28 54	5 20	23 14	23 14	16 4		n.a.
W21	23 4	6 30	5 3	17 45	1 56	22 59	1 37	22 19	1 12	19 10	0 13	0 53	2 35	14 20	0 48	16 20	1 29	28 54	5 20	23 14	23 14	16 2		n.a.
T 22	23 10	11 24	4 33	18 15	1 42	22 43	1 35	22 11	1 11	19 8	0 13	0 52	2 35	14 20	0 48	16 20	1 29	28 54	5 20	23 14	23 13	16 0		n.a.
F 23	23 16	15 41	3 48	18 45	1 27	22 27	1 33	22 3	1 11	19 7	0 13	0 52	2 35	14 20	0 48	16 20	1 29	28 54	5 20	23 14	23 13	15 57		n.a.
S 24	23 21	19 8	2 53	19 16	1 13	22 11	1 30	21 55	1 10	19 6	0 13	0 52	2 35	14 21	0 48	16 21	1 29	28 54	5 20	23 14	23 13	15 55		n.a.
S 25	23 26	21 36	1 51	19 47	0 59	21 54	1 28	21 46	1 10	19 4	0 13	0 51	2 34	14 21	0 48	16 21	1 29	28 54	5 20	23 14	23 13	15 53		n.a.
M26	23 30	22 58	0 44	20 19	0 45	21 36	1 26	21 37	1 9	19 3	0 12	0 51	2 34	14 21	0 48	16 21	1 29	28 54	5 20	23 14	23 12	15 51		n.a.
T 27	23 34	23 11	0n24	20 50	0 32	21 18	1 23	21 28	1 9	19 1	0 12	0 50	2 34	14 21	0 49	16 21	1 29	28 54	5 20	23 14	23 12	15 49		n.a.
W28	23 38	22 18	1 30	21 21	0 18	20 59	1 21	21 19	1 8	19 0	0 12	0 50	2 34	14 22	0 49	16 22	1 29	28 54	5 20	23 14	23 12	15 47		n.a.
T 29	23 41	20 24	2 32	21 51	0 6	20 40	1 18	21 10	1 8	18 59	0 12	0 49	2 33	14 22	0 49	16 22	1 29	28 54	5 20	23 14	23 11	15 44		n.a.
F 30	23n44	17s38	3n26	22n20	0n 7	20n20	1n15	21n 1	1n 7	18s57	0n12	0n49	2n33	14s22	0s49	16s22	1s29	28s54	5s21	23s14	23s11	15s42		n.a.

Julian Day Number = 1198171.5, Delta T = 09h25m16s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'32, Lahiri = -23°43'32 Julian Calendar 1 June 1433 BCE == Greg. Calendar 19 May 1433 BCE

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

JULY 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 45 57	25♊ 7'39	9♒29	10♊59	7♌ 5	3♌14	24°R 4	3♎46	24°R25	20°R19	21°R17	17°R11	16♐37	4♒50	n.a.	S 1
S 2	17 49 54	26° 5'12	21°19	12°50	8°13	3°53	23♏59	3°47	24♒25	20♒19	21♐15	17♐10	16°34	4°57	n.a.	S 2
M 3	17 53 50	27° 2'48	3♓13	14°43	9°21	4°31	23°53	3°48	24°24	20°18	21°14	17° 9	16°31	5° 3	n.a.	M 3
T 4	17 57 47	28° 0'25	15°14	16°39	10°29	5° 9	23°48	3°50	24°23	20°17	21°13	17° 8	16°28	5°10	n.a.	T 4
W 5	18 1 43	28°58'03	27°27	18°37	11°37	5°48	23°43	3°51	24°22	20°16	21°11	17°D 8	16°24	5°17	n.a.	W 5
T 6	18 5 40	29°55'44	9♈56	20°36	12°45	6°26	23°38	3°52	24°20	20°15	21°10	17° 8	16°21	5°23	n.a.	T 6
F 7	18 9 36	0♋53'26	22°45	22°36	13°52	7° 5	23°33	3°54	24°19	20°14	21° 8	17° 9	16°18	5°30	n.a.	F 7
S 8	18 13 33	1°51'10	5♉58	24°36	15° 0	7°44	23°29	3°55	24°18	20°13	21° 7	17°10	16°15	5°37	n.a.	S 8
S 9	18 17 30	2°48'56	19°36	26°38	16° 7	8°23	23°24	3°57	24°17	20°12	21° 6	17°11	16°12	5°43	n.a.	S 9
M10	18 21 26	3°46'44	3♊40	28°39	17°15	9° 1	23°20	3°59	24°16	20°11	21° 4	17°12	16° 9	5°50	n.a.	M10
T 11	18 25 23	4°44'34	18° 9	0♋40	18°22	9°40	23°16	4° 1	24°14	20°10	21° 3	17°R12	16° 5	5°57	n.a.	T 11
W12	18 29 19	5°42'25	2♋57	2°41	19°29	10°19	23°12	4° 3	24°13	20° 9	21° 2	17°12	16° 2	6° 4	n.a.	W12
T 13	18 33 16	6°40'18	17°58	4°42	20°36	10°58	23° 8	4° 5	24°12	20° 8	21° 0	17°10	15°59	6°10	n.a.	T 13
F 14	18 37 12	7°38'13	3♌ 2	6°41	21°42	11°37	23° 5	4° 7	24°10	20° 7	20°59	17° 8	15°56	6°17	n.a.	F 14
S 15	18 41 9	8°36'09	18° 2	8°40	22°49	12°16	23° 1	4° 9	24° 9	20° 6	20°58	17° 5	15°53	6°24	n.a.	S 15
S 16	18 45 5	9°34'06	2♍48	10°38	23°55	12°56	22°58	4°12	24° 7	20° 5	20°56	17° 3	15°49	6°30	n.a.	S 16
M17	18 49 2	10°32'05	17°15	12°35	25° 2	13°35	22°55	4°14	24° 6	20° 3	20°55	17° 0	15°46	6°37	n.a.	M17
T 18	18 52 59	11°30'06	1♎19	14°31	26° 8	14°14	22°52	4°17	24° 4	20° 2	20°54	16°59	15°43	6°44	n.a.	T 18
W19	18 56 55	12°28'07	14°59	16°26	27°14	14°53	22°50	4°19	24° 3	20° 1	20°53	16°D59	15°40	6°50	n.a.	W19
T 20	19 0 52	13°26'11	28°16	18°19	28°19	15°33	22°47	4°22	24° 1	20° 0	20°51	16°59	15°37	6°57	n.a.	T 20
F 21	19 4 48	14°24'16	11♏12	20°12	29°25	16°12	22°45	4°25	23°59	19°58	20°50	17° 1	15°34	7° 4	n.a.	F 21
S 22	19 8 45	15°22'23	23°51	22° 3	0♍30	16°52	22°43	4°27	23°58	19°57	20°49	17° 3	15°30	7°10	n.a.	S 22
S 23	19 12 41	16°20'31	6♐16	23°53	1°36	17°31	22°41	4°30	23°56	19°56	20°48	17° 4	15°27	7°17	n.a.	S 23
M24	19 16 38	17°18'41	18°29	25°42	2°41	18°11	22°39	4°33	23°54	19°55	20°46	17°R 4	15°24	7°24	n.a.	M24
T 25	19 20 34	18°16'53	0♑34	27°29	3°45	18°51	22°37	4°37	23°52	19°53	20°45	17° 3	15°21	7°31	n.a.	T 25
W26	19 24 31	19°15'07	12°32	29°15	4°50	19°30	22°36	4°40	23°50	19°52	20°44	17° 1	15°18	7°37	n.a.	W26
T 27	19 28 28	20°13'22	24°25	1♌ 0	5°54	20°10	22°35	4°43	23°48	19°50	20°43	16°57	15°15	7°44	n.a.	T 27
F 28	19 32 24	21°11'40	6♒17	2°44	6°59	20°50	22°34	4°46	23°47	19°49	20°42	16°52	15°11	7°51	n.a.	F 28
S 29	19 36 21	22°10'00	18° 7	4°27	8° 3	21°30	22°33	4°50	23°45	19°48	20°40	16°45	15° 8	7°57	n.a.	S 29
S 30	19 40 17	23° 8'21	29°59	6° 8	9° 6	22°10	22°32	4°53	23°43	19°46	20°39	16°39	15° 5	8° 4	n.a.	S 30
M31	19 44 14	24♋ 6'45	11♓55	7♌49	10♍10	22♌50	22♏32	4♎57	23♒41	19♒45	20♐38	16♐32	15♐ 2	8♒11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	14s10	4n11	22n48	0n19	20n 0	1n12	20n51	1n 7	18s56	0n11	0n48	2n33	14s23	0s49	16s22	1s29	28s54	5s21	23s14	23s11	15s40		n.a.
S 2	23 48	10 9	4 45	23 14	0 30	19 39	1 10	20 42	1 6	18 55	0 11	0 48	2 32	14 23	0 49	16 23	1 29	28 54	5 21	23 14	23 10	15 38		n.a.
M 3	23 50	5 44	5 7	23 38	0 40	19 18	1 6	20 32	1 6	18 54	0 11	0 47	2 32	14 23	0 49	16 23	1 29	28 54	5 21	23 14	23 10	15 36		n.a.
T 4	23 51	1 4	5 16	24 1	0 50	18 56	1 3	20 22	1 5	18 53	0 11	0 46	2 32	14 24	0 49	16 23	1 29	28 54	5 21	23 14	23 10	15 34		n.a.
W 5	23 51	3n43	5 12	24 21	0 59	18 34	1 0	20 12	1 4	18 52	0 11	0 45	2 32	14 24	0 49	16 24	1 29	28 54	5 21	23 14	23 9	15 31		n.a.
T 6	23 52	8 28	4 52	24 39	1 7	18 11	0 57	20 1	1 4	18 51	0 11	0 45	2 31	14 24	0 49	16 24	1 29	28 54	5 21	23 14	23 9	15 29		n.a.
F 7	23 52	12 58	4 18	24 54	1 15	17 48	0 53	19 51	1 3	18 50	0 10	0 44	2 31	14 25	0 49	16 24	1 29	28 54	5 21	23 14	23 9	15 27		n.a.
S 8	23 51	17 1	3 29	25 7	1 22	17 25	0 50	19 40	1 3	18 49	0 10	0 43	2 31	14 25	0 49	16 25	1 29	28 54	5 21	23 14	23 8	15 25		n.a.
S 9	23 50	20 18	2 27	25 17	1 28	17 1	0 46	19 30	1 2	18 48	0 10	0 42	2 31	14 26	0 49	16 25	1 30	28 54	5 21	23 14	23 8	15 23		n.a.
M10	23 48	22 28	1 14	25 24	1 33	16 37	0 42	19 19	1 2	18 47	0 10	0 41	2 30	14 26	0 49	16 26	1 30	28 54	5 21	23 14	23 8	15 20		n.a.
T 11	23 47	23 14	0s 5	25 29	1 37	16 12	0 39	19 7	1 1	18 46	0 10	0 40	2 30	14 27	0 49	16 26	1 30	28 54	5 21	23 14	23 7	15 18		n.a.
W12	23 44	22 24	1 26	25 31	1 41	15 47	0 35	18 56	1 1	18 45	0 9	0 39	2 30	14 27	0 49	16 26	1 30	28 54	5 21	23 14	23 7	15 16		n.a.
T 13	23 41	19 58	2 42	25 30	1 43	15 22	0 31	18 45	1 0	18 44	0 9	0 38	2 29	14 28	0 49	16 27	1 30	28 53	5 21	23 14	23 7	15 14		n.a.
F 14	23 38	16 9	3 46	25 27	1 46	14 56	0 26	18 33	1 0	18 43	0 9	0 37	2 29	14 28	0 49	16 27	1 30	28 53	5 21	23 14	23 6	15 12		n.a.
S 15	23 35	11 20	4 35	25 21	1 47	14 30	0 22	18 22	0 59	18 43	0 9	0 36	2 29	14 29	0 49	16 27	1 30	28 53	5 21	23 13	23 6	15 9		n.a.
S 16	23 31	5 55	5 5	25 13	1 48	14 4	0 18	18 10	0 58	18 42	0 9	0 34	2 29	14 29	0 49	16 28	1 30	28 53	5 21	23 13	23 6	15 7		n.a.
M17	23 26	0 18	5 15	25 3	1 48	13 37	0 14	17 58	0 58	18 41	0 9	0 33	2 28	14 30	0 49	16 28	1 30	28 53	5 21	23 13	23 5	15 5		n.a.
T 18	23 21	5s11	5 5	24 50	1 48	13 10	0 9	17 46	0 57	18 41	0 8	0 32	2 28	14 30	0 49	16 29	1 30	28 53	5 21	23 13	23 5	15 3		n.a.
W19	23 16	10 15	4 38	24 36	1 47	12 43	0 5	17 34	0 57	18 40	0 8	0 31	2 28	14 31	0 49	16 29	1 30	28 53	5 21	23 13	23 5	15 1		n.a.
T 20	23 10	14 43	3 57	24 19	1 45	12 16	0 0	17 21	0 56	18 40	0 8	0 29	2 28	14 31	0 49	16 30	1 30	28 53	5 21	23 13	23 4	14 58		n.a.
F 21	23 4	18 22	3 4	24 1	1 43	11 48	0s 5	17 9	0 56	18 39	0 8	0 28	2 27	14 32	0 49	16 30	1 30	28 53	5 21	23 13	23 4	14 56		n.a.
S 22	22 58	21 4	2 4	23 41	1 41	11 20	0 9	16 56	0 55	18 39	0 8	0 27	2 27	14 33	0 49	16 31	1 30	28 53	5 21	23 13	23 4	14 54		n.a.
S 23	22 51	22 42	0 59	23 19	1 38	10 52	0 14	16 43	0 55	18 39	0 8	0 25	2 27	14 33	0 49	16 31	1 30	28 53	5 21	23 13	23 3	14 52		n.a.
M24	22 43	23 13	0n 8	22 55	1 34	10 24	0 19	16 30	0 54	18 38	0 7	0 24	2 27	14 34	0 49	16 31	1 30	28 53	5 21	23 13	23 3	14 49		n.a.
T 25	22 35	22 38	1 13	22 31	1 31	9 56	0 24	16 17	0 54	18 38	0 7	0 22	2 26	14 34	0 49	16 32	1 30	28 53	5 21	23 13	23 2	14 47		n.a.
W26	22 27	21 2	2 15	22 4	1 26	9 27	0 29	16 4	0 53	18 38	0 7	0 21	2 26	14 35	0 49	16 32	1 30	28 53	5 21	23 13	23 2	14 45		n.a.
T 27	22 19	18 30	3 10	21 37	1 22	8 58	0 35	15 51	0 52	18 38	0 7	0 19	2 26	14 36	0 49	16 33	1 30	28 52	5 21	23 13	23 2	14 43		n.a.
F 28	22 10	15 13	3 56	21 9	1 17	8 29	0 40	15 37	0 52	18 38	0 7	0 18	2 26	14 36	0 49	16 33	1 30	28 52	5 21	23 12	23 1	14 41		n.a.
S 29	22 0	11 21	4 33	20 39	1 12	8 0	0 45	15 24	0 51	18 38	0 6	0 16	2 25	14 37	0 50	16 34	1 30	28 52	5 21	23 11	23 1	14 38		n.a.
S 30	21 50	7 2	4 57	20 9	1 7	7 31	0 51	15 10	0 51	18 38	0 6	0 14	2 25	14 38	0 50	16 34	1 30	28 52	5 21	23 11	23 1	14 36		n.a.
M31	21n40	2s28	5n 9	19n37	1n 1	7n 2	0s56	14n56	0n50	18s38	0n 6	0n13	2n25	14s39	0s50	16s35	1s30	28s52	5s21	23s10	23s 0	14s34		n.a.

Julian Day Number = 1198201.5, Delta T = 09h25m14s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'28, Lahiri = -23°43'28 Julian Calendar 1 July 1433 BCE == Greg. Calendar 18 June 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

AUGUST 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 48 10	25♋ 5'11	23♓58	9♌28	11♍13	23♌30	22°R32	5♎ 1	23°R39	19°R43	20°R37	16°R27	14♐59	8♒17	n.a.	T 1
W 2	19 52 7	26° 3'39	6♈10	11° 6	12°16	24°10	22°D32	5° 4	23♒37	19♒42	20♐36	16♐23	14°55	8°24	n.a.	W 2
T 3	19 56 3	27° 2'10	18°36	12°43	13°19	24°50	22♏32	5° 8	23°35	19°40	20°35	16°21	14°52	8°31	n.a.	T 3
F 4	20 0 0	28° 0'42	1♉20	14°19	14°21	25°31	22°32	5°12	23°32	19°39	20°34	16°D21	14°49	8°38	n.a.	F 4
S 5	20 3 56	28°59'18	14°25	15°54	15°23	26°11	22°33	5°16	23°30	19°37	20°33	16°22	14°46	8°44	n.a.	S 5
S 6	20 7 53	29°57'56	27°56	17°28	16°25	26°51	22°33	5°20	23°28	19°36	20°32	16°23	14°43	8°51	n.a.	S 6
M 7	20 11 50	0♌56'36	11♊54	19° 0	17°27	27°32	22°34	5°24	23°26	19°34	20°31	16°R24	14°40	8°58	n.a.	M 7
T 8	20 15 46	1°55'18	26°19	20°32	18°28	28°12	22°35	5°29	23°24	19°33	20°30	16°24	14°36	9° 4	n.a.	T 8
W 9	20 19 43	2°54'03	11♋ 8	22° 3	19°29	28°53	22°37	5°33	23°22	19°31	20°29	16°22	14°33	9°11	n.a.	W 9
T 10	20 23 39	3°52'50	26°16	23°32	20°30	29°34	22°38	5°37	23°19	19°29	20°28	16°17	14°30	9°18	n.a.	T 10
F 11	20 27 36	4°51'39	11♌33	25° 1	21°30	0♍14	22°40	5°42	23°17	19°28	20°27	16°11	14°27	9°24	n.a.	F 11
S 12	20 31 32	5°50'31	26°48	26°28	22°30	0°55	22°42	5°46	23°15	19°26	20°26	16° 4	14°24	9°31	n.a.	S 12
S 13	20 35 29	6°49'24	11♍51	27°54	23°30	1°36	22°44	5°51	23°13	19°25	20°25	15°56	14°21	9°38	n.a.	S 13
M14	20 39 25	7°48'19	26°33	29°20	24°29	2°17	22°46	5°56	23°10	19°23	20°25	15°49	14°17	9°45	n.a.	M14
T 15	20 43 22	8°47'16	10♎48	0♍44	25°28	2°58	22°49	6° 0	23° 8	19°21	20°24	15°44	14°14	9°51	n.a.	T 15
W16	20 47 18	9°46'15	24°34	2° 6	26°27	3°39	22°51	6° 5	23° 6	19°20	20°23	15°41	14°11	9°58	n.a.	W16
T 17	20 51 15	10°45'16	7♏52	3°28	27°25	4°20	22°54	6°10	23° 3	19°18	20°22	15°D40	14° 8	10° 5	n.a.	T 17
F 18	20 55 12	11°44'19	20°46	4°49	28°23	5° 1	22°57	6°15	23° 1	19°16	20°21	15°40	14° 5	10°11	n.a.	F 18
S 19	20 59 8	12°43'24	3♐18	6° 8	29°20	5°42	23° 0	6°20	22°58	19°15	20°21	15°41	14° 1	10°18	n.a.	S 19
S 20	21 3 5	13°42'30	15°34	7°25	0♎17	6°23	23° 4	6°25	22°56	19°13	20°20	15°R41	13°58	10°25	n.a.	S 20
M21	21 7 1	14°41'39	27°38	8°42	1°13	7° 5	23° 7	6°30	22°54	19°11	20°19	15°41	13°55	10°31	n.a.	M21
T 22	21 10 58	15°40'50	9♑34	9°57	2° 9	7°46	23°11	6°35	22°51	19°10	20°19	15°38	13°52	10°38	n.a.	T 22
W23	21 14 54	16°40'03	21°26	11°10	3° 4	8°27	23°15	6°40	22°49	19° 8	20°18	15°32	13°49	10°45	n.a.	W23
T 24	21 18 51	17°39'17	3♒16	12°22	3°59	9° 9	23°19	6°46	22°46	19° 6	20°17	15°24	13°46	10°52	n.a.	T 24
F 25	21 22 47	18°38'34	15° 8	13°32	4°53	9°50	23°23	6°51	22°44	19° 5	20°17	15°14	13°42	10°58	n.a.	F 25
S 26	21 26 44	19°37'53	27° 1	14°40	5°47	10°32	23°28	6°57	22°42	19° 3	20°16	15° 2	13°39	11° 5	n.a.	S 26
S 27	21 30 41	20°37'15	8♓58	15°46	6°40	11°13	23°32	7° 2	22°39	19° 1	20°16	14°49	13°36	11°12	n.a.	S 27
M28	21 34 37	21°36'38	21° 0	16°50	7°32	11°55	23°37	7° 8	22°37	19° 0	20°15	14°37	13°33	11°18	n.a.	M28
T 29	21 38 34	22°36'04	3♈ 9	17°51	8°24	12°37	23°42	7°13	22°34	18°58	20°15	14°26	13°30	11°25	n.a.	T 29
W30	21 42 30	23°35'32	15°26	18°50	9°15	13°19	23°47	7°19	22°32	18°56	20°14	14°18	13°27	11°32	n.a.	W30
T 31	21 46 27	24♌35'03	27♈55	19♍46	10♎ 6	14♍ 1	23♏53	7♎24	22♒29	18♒55	20♐14	14♐12	13♐23	11♒38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	21n30	2n15	5n 8	19n 5	0n55	6n32	1s 1	14n42	0n50	18s38	0n 6	0n11	2n25	14s39	0s50	16s35	1s30	28s52	5s21	23s10	23s 0	14s32			n.a.
W 2	21 19	6 57	4 52	18 32	0 49	6 3	1 7	14 28	0 49	18 38	0 6	0 9	2 24	14 40	0 50	16 36	1 30	28 52	5 21	23 9	23 0	14 29			n.a.
T 3	21 7	11 27	4 23	17 58	0 43	5 33	1 13	14 14	0 48	18 38	0 6	0 7	2 24	14 41	0 50	16 36	1 31	28 52	5 21	23 9	22 59	14 27			n.a.
F 4	20 56	15 34	3 40	17 24	0 36	5 4	1 18	13 59	0 48	18 38	0 5	0 6	2 24	14 41	0 50	16 37	1 31	28 52	5 21	23 9	22 59	14 25			n.a.
S 5	20 43	19 4	2 45	16 49	0 29	4 34	1 24	13 45	0 47	18 39	0 5	0 4	2 24	14 42	0 50	16 37	1 31	28 52	5 21	23 9	22 58	14 23			n.a.
S 6	20 31	21 39	1 38	16 14	0 22	4 4	1 30	13 30	0 47	18 39	0 5	0 2	2 24	14 43	0 50	16 38	1 31	28 52	5 21	23 9	22 58	14 20			n.a.
M 7	20 18	23 1	0 24	15 38	0 15	3 35	1 36	13 16	0 46	18 40	0 5	0 0	2 23	14 44	0 50	16 38	1 31	28 51	5 21	23 9	22 58	14 18			n.a.
T 8	20 5	22 55	0s53	15 2	0 8	3 5	1 42	13 1	0 45	18 40	0 5	0s 2	2 23	14 44	0 50	16 39	1 31	28 51	5 21	23 9	22 57	14 16			n.a.
W 9	19 51	21 14	2 10	14 25	0 1	2 35	1 48	12 46	0 45	18 40	0 5	0 4	2 23	14 45	0 50	16 40	1 31	28 51	5 21	23 9	22 57	14 14			n.a.
T 10	19 37	18 2	3 18	13 48	0s 7	2 5	1 54	12 31	0 44	18 41	0 5	0 6	2 23	14 46	0 50	16 40	1 31	28 51	5 21	23 9	22 57	14 11			n.a.
F 11	19 23	13 34	4 13	13 11	0 14	1 36	2 0	12 16	0 44	18 42	0 4	0 8	2 22	14 47	0 50	16 41	1 31	28 51	5 21	23 8	22 56	14 9			n.a.
S 12	19 9	8 16	4 50	12 34	0 22	1 6	2 6	12 1	0 43	18 42	0 4	0 10	2 22	14 47	0 50	16 41	1 31	28 51	5 21	23 7	22 56	14 7			n.a.
S 13	18 54	2 32	5 6	11 57	0 30	0 36	2 12	11 45	0 43	18 43	0 4	0 12	2 22	14 48	0 50	16 42	1 31	28 51	5 21	23 6	22 56	14 5			n.a.
M14	18 38	3s12	5 2	11 20	0 37	0 7	2 18	11 30	0 42	18 44	0 4	0 14	2 22	14 49	0 50	16 42	1 31	28 51	5 21	23 6	22 55	14 2			n.a.
T 15	18 23	8 36	4 38	10 42	0 45	0s23	2 25	11 14	0 41	18 44	0 4	0 16	2 22	14 50	0 50	16 43	1 31	28 51	5 21	23 5	22 55	14 0			n.a.
W16	18 7	13 23	3 59	10 5	0 53	0 52	2 31	10 59	0 41	18 45	0 4	0 18	2 21	14 51	0 50	16 43	1 31	28 51	5 21	23 5	22 54	13 58			n.a.
T 17	17 51	17 21	3 9	9 28	1 1	1 21	2 37	10 43	0 40	18 46	0 3	0 20	2 21	14 51	0 50	16 44	1 31	28 50	5 21	23 5	22 54	13 56			n.a.
F 18	17 34	20 20	2 10	8 51	1 9	1 50	2 44	10 27	0 40	18 47	0 3	0 22	2 21	14 52	0 50	16 44	1 31	28 50	5 21	23 5	22 54	13 53			n.a.
S 19	17 17	22 16	1 6	8 14	1 17	2 19	2 50	10 11	0 39	18 48	0 3	0 25	2 21	14 53	0 50	16 45	1 31	28 50	5 21	23 5	22 53	13 51			n.a.
S 20	17 0	23 5	0 1	7 38	1 25	2 48	2 56	9 55	0 38	18 49	0 3	0 27	2 21	14 54	0 50	16 45	1 31	28 50	5 21	23 5	22 53	13 49			n.a.
M21	16 43	22 47	1n 4	7 2	1 32	3 17	3 3	9 39	0 38	18 50	0 3	0 29	2 20	14 55	0 50	16 46	1 31	28 50	5 21	23 5	22 52	13 46			n.a.
T 22	16 25	21 27	2 4	6 26	1 40	3 45	3 9	9 23	0 37	18 51	0 3	0 31	2 20	14 55	0 50	16 47	1 31	28 50	5 21	23 4	22 52	13 44			n.a.
W23	16 7	19 11	2 59	5 51	1 48	4 13	3 16	9 6	0 37	18 52	0 3	0 34	2 20	14 56	0 50	16 47	1 31	28 50	5 21	23 4	22 52	13 42			n.a.
T 24	15 49	16 7	3 45	5 16	1 55	4 41	3 22	8 50	0 36	18 54	0 2	0 36	2 20	14 57	0 50	16 48	1 31	28 50	5 21	23 3	22 51	13 40			n.a.
F 25	15 30	12 25	4 22	4 42	2 3	5 9	3 28	8 34	0 35	18 55	0 2	0 38	2 20	14 58	0 50	16 48	1 31	28 50	5 21	23 2	22 51	13 37			n.a.
S 26	15 11	8 14	4 48	4 9	2 10	5 37	3 35	8 17	0 35	18 56	0 2	0 40	2 19	14 59	0 50	16 49	1 31	28 50	5 21	23 0	22 51	13 35			n.a.
S 27	14 52	3 43	5 1	3 36	2 17	6 4	3 41	8 0	0 34	18 57	0 2	0 43	2 19	14 59	0 50	16 49	1 31	28 49	5 21	22 59	22 50	13 33			n.a.
M28	14 33	0n57	5 0	3 5	2 24	6 31	3 48	7 44	0 33	18 59	0 2	0 45	2 19	15 0	0 50	16 50	1 31	28 49	5 20	22 57	22 50	13 30			n.a.
T 29	14 13	5 38	4 46	2 34	2 31	6 58	3 54	7 27	0 33	19 0	0 2	0 48	2 19	15 1	0 50	16 50	1 31	28 49	5 20	22 56	22 49	13 28			n.a.
W30	13 54	10 9	4 19	2 5	2 38	7 24	4 0	7 10	0 32	19 2	0 2	0 50	2 19	15 2	0 50	16 51	1 31	28 49	5 20	22 55	22 49	13 26			n.a.
T 31	13n34	14n19	3n39	1n37	2s44	7s50	4s 7	6n53	0n32	19s 3	0n 1	0s52	2n19	15s 3	0s50	16s51	1s31	28s49	5s20	22s55	22s49	13s24			n.a.

Julian Day Number = 1198232.5, Delta T = 09h25m12s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'24, Lahiri = -23°43'24 Julian Calendar 1 Aug. 1433 BCE == Greg. Calendar 19 July 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

SEPTEMBER 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 50 23	25♌34'36	10♉37	20♍39	10♎56	14♍43	23♏58	7♎30	22°R27	18°R53	20°R13	14°R 9	13♐20	11♒45	n.a.	F 1
S 2	21 54 20	26°34'11	23°38	21°28	11°45	15°25	24° 4	7°36	22♒25	18♒51	20♐13	14°D 8	13°17	11°52	n.a.	S 2
S 3	21 58 16	27°33'50	7♊ 0	22°14	12°33	16° 7	24°10	7°42	22°22	18°50	20°13	14°R 8	13°14	11°59	n.a.	S 3
M 4	22 2 13	28°33'30	20°46	22°55	13°20	16°49	24°15	7°48	22°20	18°48	20°12	14♐ 8	13°11	12° 5	n.a.	M 4
T 5	22 6 9	29°33'13	4♋58	23°33	14° 7	17°31	24°22	7°54	22°17	18°46	20°12	14° 7	13° 7	12°12	n.a.	T 5
W 6	22 10 6	0♍32'59	19°35	24° 5	14°53	18°13	24°28	8° 0	22°15	18°45	20°12	14° 3	13° 4	12°19	n.a.	W 6
T 7	22 14 3	1°32'47	4♌33	24°32	15°38	18°55	24°34	8° 6	22°13	18°43	20°11	13°56	13° 1	12°25	n.a.	T 7
F 8	22 17 59	2°32'37	19°44	24°52	16°22	19°38	24°41	8°12	22°10	18°41	20°11	13°47	12°58	12°32	n.a.	F 8
S 9	22 21 56	3°32'29	5♍ 0	25° 7	17° 5	20°20	24°48	8°18	22° 8	18°40	20°11	13°36	12°55	12°39	n.a.	S 9
S 10	22 25 52	4°32'23	20° 7	25°R14	17°47	21° 3	24°55	8°24	22° 5	18°38	20°11	13°25	12°52	12°45	n.a.	S 10
M11	22 29 49	5°32'19	4♎57	25°14	18°27	21°45	25° 2	8°30	22° 3	18°37	20°11	13°14	12°48	12°52	n.a.	M11
T 12	22 33 45	6°32'18	19°21	25° 6	19° 7	22°28	25° 9	8°37	22° 1	18°35	20°11	13° 5	12°45	12°59	n.a.	T 12
W13	22 37 42	7°32'18	3♏15	24°49	19°46	23°10	25°16	8°43	21°58	18°34	20°10	12°59	12°42	13° 6	n.a.	W13
T 14	22 41 38	8°32'20	16°40	24°24	20°23	23°53	25°24	8°49	21°56	18°32	20°10	12°56	12°39	13°12	n.a.	T 14
F 15	22 45 35	9°32'23	29°37	23°49	21° 0	24°36	25°32	8°56	21°54	18°30	20°10	12°55	12°36	13°19	n.a.	F 15
S 16	22 49 31	10°32'29	12♐10	23° 5	21°35	25°19	25°39	9° 2	21°52	18°29	20°D10	12°55	12°32	13°26	n.a.	S 16
S 17	22 53 28	11°32'36	24°25	22°13	22° 8	26° 1	25°47	9° 8	21°49	18°27	20°10	12°54	12°29	13°32	n.a.	S 17
M18	22 57 25	12°32'45	6♑26	21°12	22°40	26°44	25°55	9°15	21°47	18°26	20°10	12°53	12°26	13°39	n.a.	M18
T 19	23 1 21	13°32'56	18°20	20° 4	23°11	27°27	26° 4	9°21	21°45	18°24	20°10	12°49	12°23	13°46	n.a.	T 19
W20	23 5 18	14°33'08	0♒ 9	18°51	23°40	28°10	26°12	9°28	21°43	18°23	20°11	12°43	12°20	13°53	n.a.	W20
T 21	23 9 14	15°33'23	11°59	17°35	24° 7	28°54	26°21	9°34	21°41	18°21	20°11	12°33	12°17	13°59	n.a.	T 21
F 22	23 13 11	16°33'39	23°53	16°17	24°33	29°37	26°29	9°41	21°38	18°20	20°11	12°21	12°13	14° 6	n.a.	F 22
S 23	23 17 7	17°33'56	5♓51	15° 0	24°57	0♎20	26°38	9°48	21°36	18°19	20°11	12° 7	12°10	14°13	n.a.	S 23
S 24	23 21 4	18°34'16	17°56	13°46	25°20	1° 3	26°47	9°54	21°34	18°17	20°11	11°53	12° 7	14°19	n.a.	S 24
M25	23 25 0	19°34'37	0♈ 9	12°39	25°40	1°46	26°56	10° 1	21°32	18°16	20°12	11°39	12° 4	14°26	n.a.	M25
T 26	23 28 57	20°35'01	12°30	11°39	25°59	2°30	27° 5	10° 8	21°30	18°14	20°12	11°26	12° 1	14°33	n.a.	T 26
W27	23 32 53	21°35'26	25° 0	10°48	26°15	3°13	27°14	10°14	21°28	18°13	20°12	11°16	11°58	14°39	n.a.	W27
T 28	23 36 50	22°35'53	7♉40	10° 9	26°30	3°57	27°24	10°21	21°26	18°12	20°13	11° 9	11°54	14°46	n.a.	T 28
F 29	23 40 47	23°36'23	20°32	9°41	26°43	4°40	27°33	10°28	21°24	18°11	20°13	11° 5	11°51	14°53	n.a.	F 29
S 30	23 44 43	24♍36'54	3♊37	9♍24	26♎53	5♎24	27♏43	10♎35	21♒22	18♒ 9	20♐13	11♐ 4	11♐48	15♒ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n13	17n55	2n48	1n11	2s50	8s16	4s13	6n36	0n31	19s 5	0n 1	0s55	2n18	15s 3	0s50	16s52	1s31	28s49	5s20	22s54	22s48	13s21		n.a.
S 2	12 53	20 44	1 47	0 46	2 55	8 41	4 19	6 19	0 30	19 6	0 1	0 57	2 18	15 4	0 50	16 53	1 31	28 49	5 20	22 54	22 48	13 19		n.a.
S 3	12 32	22 29	0 38	0 23	3 0	9 6	4 26	6 2	0 30	19 8	0 1	1 0	2 18	15 5	0 50	16 53	1 31	28 49	5 20	22 54	22 47	13 17		n.a.
M 4	12 11	22 57	0s35	0 2	3 5	9 31	4 32	5 45	0 29	19 9	0 1	1 2	2 18	15 6	0 50	16 54	1 31	28 49	5 20	22 54	22 47	13 14		n.a.
T 5	11 50	21 58	1 48	0s17	3 9	9 55	4 38	5 27	0 29	19 11	0 1	1 5	2 18	15 7	0 50	16 54	1 31	28 49	5 20	22 54	22 47	13 12		n.a.
W 6	11 28	19 30	2 56	0 33	3 12	10 19	4 44	5 10	0 28	19 13	0 1	1 7	2 18	15 7	0 50	16 55	1 31	28 49	5 20	22 53	22 46	13 10		n.a.
T 7	11 7	15 41	3 53	0 46	3 15	10 42	4 50	4 52	0 27	19 14	0 0	1 10	2 18	15 8	0 50	16 55	1 31	28 48	5 20	22 53	22 46	13 7		n.a.
F 8	10 45	10 49	4 35	0 56	3 17	11 5	4 56	4 35	0 27	19 16	0 0	1 13	2 17	15 9	0 50	16 56	1 31	28 48	5 20	22 52	22 45	13 5		n.a.
S 9	10 23	5 15	4 57	1 2	3 17	11 27	5 2	4 17	0 26	19 18	0 0	1 15	2 17	15 10	0 50	16 56	1 31	28 48	5 20	22 50	22 45	13 3		n.a.
S 10	10 1	0s35	4 59	1 5	3 17	11 49	5 8	4 0	0 25	19 20	0 0	1 18	2 17	15 11	0 50	16 57	1 31	28 48	5 20	22 49	22 45	13 1		n.a.
M11	9 39	6 16	4 40	1 4	3 16	12 11	5 14	3 42	0 25	19 22	0s 0	1 20	2 17	15 11	0 50	16 57	1 31	28 48	5 20	22 47	22 44	12 58		n.a.
T 12	9 16	11 26	4 3	0 58	3 13	12 31	5 19	3 25	0 24	19 24	0 0	1 23	2 17	15 12	0 50	16 58	1 31	28 48	5 20	22 46	22 44	12 56		n.a.
W13	8 53	15 50	3 13	0 47	3 9	12 51	5 25	3 7	0 23	19 26	0 0	1 26	2 17	15 13	0 50	16 58	1 31	28 48	5 19	22 46	22 43	12 54		n.a.
T 14	8 31	19 15	2 14	0 31	3 3	13 11	5 30	2 49	0 23	19 27	0 0	1 28	2 17	15 14	0 50	16 59	1 31	28 48	5 19	22 45	22 43	12 51		n.a.
F 15	8 8	21 34	1 10	0 10	2 55	13 30	5 36	2 31	0 22	19 29	0 1	1 31	2 16	15 14	0 50	16 59	1 31	28 48	5 19	22 45	22 42	12 49		n.a.
S 16	7 45	22 43	0 4	0n16	2 45	13 48	5 41	2 13	0 22	19 32	0 1	1 34	2 16	15 15	0 50	17 0	1 31	28 48	5 19	22 45	22 42	12 47		n.a.
S 17	7 21	22 44	1n 0	0 48	2 34	14 6	5 46	1 56	0 21	19 34	0 1	1 36	2 16	15 16	0 50	17 0	1 31	28 48	5 19	22 45	22 42	12 44		n.a.
M18	6 58	21 41	2 1	1 24	2 20	14 22	5 51	1 38	0 20	19 36	0 1	1 39	2 16	15 17	0 50	17 0	1 31	28 48	5 19	22 45	22 41	12 42		n.a.
T 19	6 35	19 41	2 55	2 5	2 5	14 38	5 55	1 20	0 20	19 38	0 1	1 42	2 16	15 17	0 50	17 1	1 31	28 48	5 19	22 44	22 41	12 40		n.a.
W20	6 11	16 52	3 42	2 50	1 48	14 54	6 0	1 2	0 19	19 40	0 1	1 44	2 16	15 18	0 50	17 1	1 31	28 47	5 19	22 43	22 40	12 37		n.a.
T 21	5 47	13 22	4 19	3 37	1 29	15 8	6 4	0 44	0 18	19 42	0 1	1 47	2 16	15 19	0 50	17 2	1 31	28 47	5 19	22 42	22 40	12 35		n.a.
F 22	5 24	9 20	4 44	4 26	1 10	15 22	6 8	0 26	0 18	19 44	0 1	1 50	2 16	15 19	0 50	17 2	1 31	28 47	5 19	22 41	22 39	12 33		n.a.
S 23	5 0	4 55	4 58	5 15	0 49	15 34	6 12	0 8	0 17	19 46	0 2	1 52	2 16	15 20	0 50	17 3	1 31	28 47	5 19	22 39	22 39	12 30		n.a.
S 24	4 36	0 17	4 58	6 3	0 29	15 46	6 16	0s11	0 16	19 49	0 2	1 55	2 15	15 21	0 50	17 3	1 31	28 47	5 19	22 37	22 39	12 28		n.a.
M25	4 12	4n24	4 44	6 48	0 8	15 57	6 19	0 29	0 16	19 51	0 2	1 58	2 15	15 21	0 50	17 4	1 31	28 47	5 19	22 35	22 38	12 26		n.a.
T 26	3 48	8 58	4 17	7 30	0n12	16 7	6 22	0 47	0 15	19 53	0 2	2 1	2 15	15 22	0 50	17 4	1 31	28 47	5 18	22 33	22 38	12 23		n.a.
W27	3 24	13 13	3 38	8 7	0 30	16 15	6 25	1 5	0 14	19 55	0 2	2 3	2 15	15 23	0 50	17 4	1 31	28 47	5 18	22 32	22 37	12 21		n.a.
T 28	2 59	16 56	2 47	8 38	0 48	16 23	6 27	1 23	0 14	19 58	0 2	2 6	2 15	15 23	0 50	17 5	1 31	28 47	5 18	22 31	22 37	12 19		n.a.
F 29	2 35	19 54	1 46	9 4	1 4	16 30	6 29	1 41	0 13	20 0	0 2	2 9	2 15	15 24	0 50	17 5	1 31	28 47	5 18	22 30	22 36	12 16		n.a.
S 30	2n11	21n54	0n39	9n24	1n19	16s35	6s31	1s59	0n12	20s 2	0s 2	2s12	2n15	15s24	0s49	17s 6	1s31	28s47	5s18	22s30	22s36	12s14		n.a.

Julian Day Number = 1198263.5, Delta T = 09h25m10s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'20, Lahiri = -23°43'19 Julian Calendar 1 Sept. 1433 BCE == Greg. Calendar 19 Aug. 1433 BCE

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

OCTOBER 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 48 40	25♍37'27	16♊58	9°D20	27♎ 1	6♎ 7	27♏53	10♎42	21°R20	18°R 8	20♐14	11°D 4	11♐45	15♒ 6	n.a.	S 1
M 2	23 52 36	26°38'03	0♋38	9♍26	27° 7	6°51	28° 3	10°48	21♒18	18♒ 7	20°14	11°R 4	11°42	15°13	n.a.	M 2
T 3	23 56 33	27°38'40	14°37	9°43	27°11	7°35	28°13	10°55	21°17	18° 6	20°15	11♐ 3	11°38	15°20	n.a.	T 3
W 4	0 0 29	28°39'20	28°56	10°10	27°R12	8°19	28°23	11° 2	21°15	18° 4	20°15	10°59	11°35	15°26	n.a.	W 4
T 5	0 4 26	29°40'01	13♌33	10°46	27°11	9° 3	28°33	11° 9	21°13	18° 3	20°16	10°54	11°32	15°33	n.a.	T 5
F 6	0 8 22	0♎40'44	28°24	11°29	27° 7	9°47	28°43	11°16	21°11	18° 2	20°16	10°45	11°29	15°40	n.a.	F 6
S 7	0 12 19	1°41'29	13♍21	12°20	27° 2	10°31	28°54	11°23	21°10	18° 1	20°17	10°35	11°26	15°47	n.a.	S 7
S 8	0 16 16	2°42'15	28°14	13°17	26°53	11°15	29° 4	11°30	21° 8	18° 0	20°17	10°24	11°23	15°53	n.a.	S 8
M 9	0 20 12	3°43'03	12♎56	14°19	26°42	11°59	29°15	11°37	21° 6	17°59	20°18	10°14	11°19	16° 0	n.a.	M 9
T 10	0 24 9	4°43'53	27°17	15°27	26°29	12°43	29°26	11°44	21° 5	17°58	20°19	10° 5	11°16	16° 7	n.a.	T 10
W11	0 28 5	5°44'44	11♏13	16°38	26°13	13°27	29°37	11°51	21° 3	17°57	20°19	9°59	11°13	16°13	n.a.	W11
T 12	0 32 2	6°45'36	24°41	17°53	25°55	14°11	29°48	11°58	21° 2	17°56	20°20	9°56	11°10	16°20	n.a.	T 12
F 13	0 35 58	7°46'29	7♐43	19°10	25°35	14°56	29°59	12° 5	21° 0	17°55	20°21	9°D55	11° 7	16°27	n.a.	F 13
S 14	0 39 55	8°47'24	20°21	20°31	25°12	15°40	0♑10	12°12	20°59	17°54	20°22	9°55	11° 4	16°34	n.a.	S 14
S 15	0 43 51	9°48'19	2♑39	21°53	24°48	16°24	0°21	12°19	20°58	17°53	20°23	9°56	11° 0	16°40	n.a.	S 15
M16	0 47 48	10°49'16	14°43	23°17	24°21	17° 9	0°33	12°26	20°56	17°52	20°23	9°R56	10°57	16°47	n.a.	M16
T 17	0 51 45	11°50'14	26°38	24°43	23°52	17°53	0°44	12°33	20°55	17°51	20°24	9°54	10°54	16°54	n.a.	T 17
W18	0 55 41	12°51'12	8♒28	26°10	23°22	18°38	0°56	12°40	20°54	17°50	20°25	9°51	10°51	17° 0	n.a.	W18
T 19	0 59 38	13°52'12	20°19	27°39	22°50	19°23	1° 7	12°47	20°52	17°50	20°26	9°45	10°48	17° 7	n.a.	T 19
F 20	1 3 34	14°53'12	2♓15	29° 8	22°17	20° 7	1°19	12°54	20°51	17°49	20°27	9°37	10°44	17°14	n.a.	F 20
S 21	1 7 31	15°54'14	14°19	0♎37	21°42	20°52	1°31	13° 1	20°50	17°48	20°28	9°27	10°41	17°21	n.a.	S 21
S 22	1 11 27	16°55'16	26°32	2° 8	21° 7	21°37	1°43	13° 8	20°49	17°48	20°29	9°16	10°38	17°27	n.a.	S 22
M23	1 15 24	17°56'19	8♈58	3°39	20°31	22°22	1°55	13°15	20°48	17°47	20°30	9° 6	10°35	17°34	n.a.	M23
T 24	1 19 20	18°57'23	21°34	5°10	19°55	23° 6	2° 7	13°22	20°47	17°46	20°31	8°57	10°32	17°41	n.a.	T 24
W25	1 23 17	19°58'29	4♉23	6°42	19°18	23°51	2°19	13°29	20°46	17°46	20°32	8°50	10°29	17°47	n.a.	W25
T 26	1 27 14	20°59'35	17°24	8°14	18°42	24°36	2°31	13°36	20°45	17°45	20°33	8°46	10°25	17°54	n.a.	T 26
F 27	1 31 10	22° 0'43	0♊35	9°46	18° 6	25°21	2°43	13°42	20°45	17°45	20°34	8°43	10°22	18° 1	n.a.	F 27
S 28	1 35 7	23° 1'51	13°57	11°19	17°30	26° 6	2°56	13°49	20°44	17°44	20°35	8°D43	10°19	18° 8	n.a.	S 28
S 29	1 39 3	24° 3'01	27°31	12°51	16°56	26°51	3° 8	13°56	20°43	17°44	20°37	8°44	10°16	18°14	n.a.	S 29
M30	1 43 0	25° 4'12	11♋16	14°24	16°22	27°37	3°21	14° 3	20°42	17°43	20°38	8°46	10°13	18°21	n.a.	M30
T 31	1 46 56	26♎ 5'24	25♋12	15♎57	15♎50	28♎22	3♐33	14♎10	20♒42	17♒43	20♐39	8°R46	10♐ 9	18♒28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n46	22n42	0s31	9n37	1n31	16s39	6s32	2s18	0n12	20s 5	0s 3	2s15	2n15	15s25	0s49	17s 6	1s31	28s47	5s18	22s30	22s36	12s12			n.a.
M 2	1 22	22 10	1 42	9 45	1 43	16 42	6 33	2 36	0 11	20 7	0 3	2 17	2 15	15 26	0 49	17 6	1 31	28 47	5 18	22 30	22 35	12 9			n.a.
T 3	0 57	20 16	2 48	9 47	1 52	16 44	6 33	2 54	0 11	20 9	0 3	2 20	2 15	15 26	0 49	17 7	1 31	28 47	5 18	22 30	22 35	12 7			n.a.
W 4	0 33	17 4	3 45	9 44	2 0	16 44	6 33	3 12	0 10	20 12	0 3	2 23	2 15	15 27	0 49	17 7	1 31	28 47	5 18	22 29	22 34	12 5			n.a.
T 5	0 8	12 46	4 29	9 36	2 6	16 43	6 32	3 30	0 9	20 14	0 3	2 26	2 15	15 27	0 49	17 7	1 31	28 47	5 18	22 28	22 34	12 2			n.a.
F 6	0s16	7 38	4 55	9 23	2 10	16 41	6 31	3 49	0 9	20 17	0 3	2 29	2 15	15 28	0 49	17 8	1 31	28 47	5 18	22 27	22 33	12 0			n.a.
S 7	0 41	2 2	5 2	9 6	2 14	16 37	6 29	4 7	0 8	20 19	0 3	2 31	2 14	15 28	0 49	17 8	1 30	28 47	5 18	22 26	22 33	11 58			n.a.
S 8	1 6	3s40	4 48	8 46	2 16	16 32	6 27	4 25	0 7	20 22	0 3	2 34	2 14	15 29	0 49	17 8	1 30	28 47	5 18	22 24	22 33	11 55			n.a.
M 9	1 30	9 5	4 15	8 23	2 17	16 25	6 24	4 43	0 7	20 24	0 4	2 37	2 14	15 29	0 49	17 9	1 30	28 47	5 18	22 23	22 32	11 53			n.a.
T 10	1 55	13 53	3 26	7 56	2 17	16 17	6 20	5 1	0 6	20 27	0 4	2 40	2 14	15 30	0 49	17 9	1 30	28 47	5 17	22 21	22 32	11 51			n.a.
W11	2 19	17 47	2 27	7 28	2 17	16 7	6 16	5 19	0 5	20 29	0 4	2 43	2 14	15 30	0 49	17 9	1 30	28 47	5 17	22 20	22 31	11 48			n.a.
T 12	2 44	20 34	1 20	6 56	2 15	15 55	6 11	5 37	0 5	20 32	0 4	2 45	2 14	15 31	0 49	17 9	1 30	28 47	5 17	22 20	22 31	11 46			n.a.
F 13	3 8	22 11	0 12	6 23	2 13	15 42	6 5	5 55	0 4	20 34	0 4	2 48	2 14	15 31	0 49	17 10	1 30	28 47	5 17	22 20	22 30	11 44			n.a.
S 14	3 33	22 35	0n56	5 49	2 10	15 28	5 59	6 13	0 3	20 37	0 4	2 51	2 14	15 32	0 49	17 10	1 30	28 47	5 17	22 20	22 30	11 41			n.a.
S 15	3 57	21 52	1 59	5 13	2 7	15 12	5 52	6 31	0 3	20 39	0 4	2 54	2 14	15 32	0 49	17 10	1 30	28 47	5 17	22 20	22 29	11 39			n.a.
M16	4 21	20 8	2 55	4 35	2 3	14 55	5 44	6 49	0 2	20 42	0 4	2 57	2 14	15 33	0 49	17 10	1 30	28 47	5 17	22 20	22 29	11 36			n.a.
T 17	4 46	17 33	3 43	3 57	1 59	14 36	5 35	7 7	0 1	20 44	0 4	2 59	2 14	15 33	0 49	17 11	1 30	28 47	5 17	22 20	22 28	11 34			n.a.
W18	5 10	14 16	4 21	3 17	1 54	14 16	5 26	7 25	0 1	20 47	0 5	3 2	2 14	15 33	0 49	17 11	1 30	28 47	5 17	22 19	22 28	11 32			n.a.
T 19	5 34	10 25	4 48	2 37	1 49	13 54	5 16	7 43	0s 0	20 49	0 5	3 5	2 14	15 34	0 49	17 11	1 30	28 47	5 17	22 18	22 28	11 29			n.a.
F 20	5 58	6 9	5 3	1 56	1 44	13 31	5 5	8 1	0 1	20 52	0 5	3 8	2 14	15 34	0 49	17 11	1 30	28 47	5 17	22 17	22 27	11 27			n.a.
S 21	6 22	1 37	5 4	1 14	1 38	13 7	4 54	8 18	0 1	20 54	0 5	3 10	2 14	15 34	0 49	17 12	1 30	28 47	5 17	22 16	22 27	11 25			n.a.
S 22	6 46	3n 3	4 52	0 33	1 32	12 43	4 41	8 36	0 2	20 57	0 5	3 13	2 14	15 35	0 49	17 12	1 30	28 47	5 17	22 14	22 26	11 22			n.a.
M23	7 9	7 40	4 25	0s10	1 26	12 17	4 29	8 54	0 3	21 0	0 5	3 16	2 14	15 35	0 49	17 12	1 30	28 47	5 17	22 12	22 26	11 20			n.a.
T 24	7 33	12 2	3 46	0 52	1 20	11 51	4 15	9 11	0 3	21 2	0 5	3 19	2 14	15 35	0 49	17 12	1 30	28 47	5 17	22 11	22 25	11 18			n.a.
W25	7 57	15 56	2 54	1 35	1 14	11 24	4 2	9 29	0 4	21 5	0 5	3 21	2 14	15 35	0 49	17 12	1 30	28 47	5 17	22 10	22 25	11 15			n.a.
T 26	8 20	19 7	1 52	2 18	1 7	10 57	3 47	9 46	0 5	21 7	0 5	3 24	2 14	15 36	0 49	17 12	1 30	28 47	5 17	22 9	22 24	11 13			n.a.
F 27	8 43	21 21	0 44	3 1	1 1	10 29	3 33	10 4	0 5	21 10	0 5	3 27	2 14	15 36	0 49	17 12	1 30	28 47	5 16	22 9	22 24	11 10			n.a.
S 28	9 6	22 25	0s28	3 43	0 54	10 1	3 18	10 21	0 6	21 12	0 6	3 30	2 14	15 36	0 49	17 13	1 30	28 47	5 16	22 9	22 23	11 8			n.a.
S 29	9 29	22 10	1 40	4 26	0 47	9 34	3 2	10 38	0 7	21 15	0 6	3 32	2 14	15 36	0 49	17 13	1 30	28 47	5 16	22 9	22 23	11 6			n.a.
M30	9 52	20 36	2 47	5 9	0 41	9 7	2 47	10 55	0 7	21 17	0 6	3 35	2 14	15 37	0 49	17 13	1 30	28 47	5 16	22 9	22 22	11 3			n.a.
T 31	10s15	17n47	3s45	5s52	0n34	8s40	2s31	11s12	0s 8	21s20	0s 6	3s38	2n14	15s37	0s48	17s13	1s30	28s47	5s16	22s 9	22s22	11s 1			n.a.

Julian Day Number = 1198293.5, Delta T = 09h25m09s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'16, Lahiri = -23°43'15 Julian Calendar 1 Oct. 1433 BCE == Greg. Calendar 18 Sept. 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

NOVEMBER 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 50 53	27♎ 6'36	9♌21	17♎30	15°R20	29♎ 7	3♐46	14♎17	20°R41	17°R42	20♐40	8°R46	10♐ 6	18♒34	n.a.	W 1
T 2	1 54 49	28° 7'50	23°39	19° 3	14♎51	29°52	3°58	14°24	20♒41	17♒42	20°41	8♐43	10° 3	18°41	n.a.	T 2
F 3	1 58 46	29° 9'05	8♍ 4	20°36	14°24	0♏38	4°11	14°31	20°40	17°42	20°43	8°39	10° 0	18°48	n.a.	F 3
S 4	2 2 43	0♏10'21	22°33	22°10	13°59	1°23	4°24	14°38	20°40	17°42	20°44	8°33	9°57	18°55	n.a.	S 4
S 5	2 6 39	1°11'37	6♎58	23°43	13°36	2° 8	4°37	14°44	20°39	17°41	20°45	8°27	9°54	19° 1	n.a.	S 5
M 6	2 10 36	2°12'54	21°16	25°17	13°15	2°54	4°50	14°51	20°39	17°41	20°47	8°21	9°50	19° 8	n.a.	M 6
T 7	2 14 32	3°14'12	5♏19	26°50	12°57	3°39	5° 3	14°58	20°39	17°41	20°48	8°16	9°47	19°15	n.a.	T 7
W 8	2 18 29	4°15'30	19° 3	28°24	12°41	4°25	5°16	15° 5	20°38	17°41	20°49	8°13	9°44	19°21	n.a.	W 8
T 9	2 22 25	5°16'48	2♐25	29°58	12°28	5°11	5°29	15°12	20°38	17°41	20°51	8°D11	9°41	19°28	n.a.	T 9
F 10	2 26 22	6°18'07	15°26	1♏32	12°17	5°56	5°42	15°18	20°38	17°41	20°52	8°11	9°38	19°35	n.a.	F 10
S 11	2 30 19	7°19'26	28° 5	3° 6	12° 8	6°42	5°56	15°25	20°38	17°D41	20°54	8°12	9°35	19°42	n.a.	S 11
S 12	2 34 15	8°20'45	10♑26	4°41	12° 2	7°28	6° 9	15°32	20°D38	17°41	20°55	8°14	9°31	19°48	n.a.	S 12
M13	2 38 12	9°22'04	22°33	6°15	11°59	8°13	6°22	15°38	20°38	17°41	20°57	8°16	9°28	19°55	n.a.	M13
T 14	2 42 8	10°23'23	4♒30	7°50	11°D58	8°59	6°36	15°45	20°38	17°41	20°58	8°17	9°25	20° 2	n.a.	T 14
W15	2 46 5	11°24'42	16°22	9°25	11°59	9°45	6°49	15°51	20°38	17°41	21° 0	8°R17	9°22	20° 8	n.a.	W15
T 16	2 50 1	12°26'01	28°14	11° 1	12° 3	10°31	7° 2	15°58	20°39	17°41	21° 1	8°16	9°19	20°15	n.a.	T 16
F 17	2 53 58	13°27'19	10♓11	12°36	12° 9	11°17	7°16	16° 4	20°39	17°41	21° 3	8°14	9°15	20°22	n.a.	F 17
S 18	2 57 54	14°28'37	22°17	14°12	12°17	12° 3	7°30	16°11	20°39	17°42	21° 4	8°10	9°12	20°29	n.a.	S 18
S 19	3 1 51	15°29'55	4♈36	15°48	12°28	12°49	7°43	16°17	20°39	17°42	21° 6	8° 6	9° 9	20°35	n.a.	S 19
M20	3 5 48	16°31'13	17°10	17°25	12°41	13°35	7°57	16°24	20°40	17°42	21° 7	8° 3	9° 6	20°42	n.a.	M20
T 21	3 9 44	17°32'31	29°59	19° 1	12°56	14°21	8°10	16°30	20°40	17°43	21° 9	7°59	9° 3	20°49	n.a.	T 21
W22	3 13 41	18°33'48	13♉ 7	20°38	13°13	15° 7	8°24	16°36	20°41	17°43	21°11	7°57	9° 0	20°55	n.a.	W22
T 23	3 17 37	19°35'05	26°30	22°16	13°32	15°53	8°38	16°43	20°41	17°43	21°12	7°56	8°56	21° 2	n.a.	T 23
F 24	3 21 34	20°36'23	10♊ 8	23°53	13°53	16°39	8°52	16°49	20°42	17°44	21°14	7°D55	8°53	21° 9	n.a.	F 24
S 25	3 25 30	21°37'40	23°57	25°31	14°16	17°25	9° 6	16°55	20°43	17°44	21°15	7°56	8°50	21°16	n.a.	S 25
S 26	3 29 27	22°38'57	7♋56	27°10	14°41	18°12	9°19	17° 1	20°43	17°45	21°17	7°57	8°47	21°22	n.a.	S 26
M27	3 33 24	23°40'13	22° 1	28°49	15° 8	18°58	9°33	17° 7	20°44	17°45	21°19	7°58	8°44	21°29	n.a.	M27
T 28	3 37 20	24°41'30	6♌11	0♐28	15°36	19°44	9°47	17°13	20°45	17°46	21°21	7°59	8°41	21°36	n.a.	T 28
W29	3 41 17	25°42'47	20°22	2° 7	16° 6	20°31	10° 1	17°19	20°46	17°46	21°22	8°R 0	8°37	21°42	n.a.	W29
T 30	3 45 13	26♏44'03	4♍33	3♐47	16♎38	21♏17	10♐15	17♎25	20♒47	17♒47	21♐24	8♐ 0	8♐34	21♒49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s37	13n53	4s30	6s34	0n27	8s13	2s16	11s29	0s 9	21s22	0s 6	3s40	2n14	15s37	0s48	17s13	1s30	28s47	5s16	22s 9	22s22	10s59		n.a.
T 2	11 0	9 10	4 59	7 16	0 21	7 47	2 0	11 46	0 9	21 25	0 6	3 43	2 14	15 37	0 48	17 13	1 30	28 47	5 16	22 9	22 21	10 56		n.a.
F 3	11 22	3 54	5 10	7 58	0 14	7 22	1 45	12 3	0 10	21 28	0 6	3 46	2 14	15 37	0 48	17 13	1 30	28 47	5 16	22 8	22 21	10 54		n.a.
S 4	11 44	1s35	5 1	8 40	0 7	6 58	1 29	12 20	0 11	21 30	0 6	3 48	2 14	15 37	0 48	17 13	1 29	28 47	5 16	22 7	22 20	10 51		n.a.
S 5	12 6	6 59	4 33	9 21	0 0	6 35	1 14	12 36	0 11	21 33	0 6	3 51	2 14	15 37	0 48	17 13	1 29	28 47	5 16	22 6	22 20	10 49		n.a.
M 6	12 27	11 57	3 48	10 3	0s 6	6 13	0 59	12 53	0 12	21 35	0 7	3 54	2 14	15 37	0 48	17 13	1 29	28 47	5 16	22 5	22 19	10 47		n.a.
T 7	12 49	16 11	2 50	10 43	0 13	5 52	0 44	13 9	0 13	21 38	0 7	3 56	2 14	15 37	0 48	17 13	1 29	28 47	5 16	22 4	22 19	10 44		n.a.
W 8	13 10	19 26	1 43	11 23	0 19	5 33	0 29	13 26	0 13	21 40	0 7	3 59	2 14	15 37	0 48	17 13	1 29	28 47	5 16	22 4	22 18	10 42		n.a.
T 9	13 31	21 32	0 31	12 3	0 26	5 14	0 15	13 42	0 14	21 43	0 7	4 2	2 14	15 38	0 48	17 13	1 29	28 48	5 16	22 4	22 18	10 40		n.a.
F 10	13 51	22 24	0n40	12 43	0 32	4 57	0 1	13 58	0 15	21 45	0 7	4 4	2 14	15 38	0 48	17 13	1 29	28 48	5 16	22 4	22 17	10 37		n.a.
S 11	14 12	22 4	1 47	13 22	0 38	4 41	0n12	14 14	0 15	21 48	0 7	4 7	2 14	15 38	0 48	17 13	1 29	28 48	5 16	22 4	22 17	10 35		n.a.
S 12	14 32	20 40	2 48	14 0	0 44	4 27	0 25	14 30	0 16	21 50	0 7	4 9	2 14	15 37	0 48	17 13	1 29	28 48	5 16	22 4	22 16	10 32		n.a.
M13	14 52	18 20	3 40	14 38	0 50	4 14	0 38	14 46	0 17	21 52	0 7	4 12	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 4	22 16	10 30		n.a.
T 14	15 12	15 15	4 21	15 15	0 56	4 2	0 50	15 1	0 17	21 55	0 7	4 14	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 5	22 15	10 28		n.a.
W15	15 31	11 35	4 51	15 51	1 2	3 52	1 2	15 17	0 18	21 57	0 8	4 17	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 5	22 15	10 25		n.a.
T 16	15 50	7 28	5 9	16 27	1 7	3 43	1 14	15 32	0 19	22 0	0 8	4 19	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 4	22 14	10 23		n.a.
F 17	16 9	3 3	5 14	17 2	1 12	3 36	1 24	15 47	0 19	22 2	0 8	4 22	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 4	22 14	10 20		n.a.
S 18	16 28	1n32	5 5	17 37	1 18	3 29	1 35	16 2	0 20	22 4	0 8	4 24	2 15	15 37	0 48	17 13	1 29	28 48	5 16	22 3	22 13	10 18		n.a.
S 19	16 46	6 9	4 41	18 10	1 23	3 24	1 45	16 17	0 21	22 7	0 8	4 27	2 15	15 37	0 48	17 12	1 29	28 48	5 16	22 3	22 13	10 16		n.a.
M20	17 4	10 36	4 4	18 43	1 27	3 21	1 54	16 32	0 21	22 9	0 8	4 29	2 15	15 37	0 48	17 12	1 29	28 48	5 16	22 2	22 12	10 13		n.a.
T 21	17 22	14 41	3 14	19 15	1 32	3 18	2 3	16 47	0 22	22 12	0 8	4 31	2 15	15 36	0 48	17 12	1 29	28 49	5 16	22 2	22 12	10 11		n.a.
W22	17 39	18 9	2 13	19 46	1 36	3 17	2 12	17 1	0 23	22 14	0 8	4 34	2 15	15 36	0 48	17 12	1 29	28 49	5 16	22 1	22 11	10 8		n.a.
T 23	17 56	20 44	1 3	20 16	1 40	3 17	2 20	17 15	0 23	22 16	0 8	4 36	2 15	15 36	0 48	17 12	1 29	28 49	5 16	22 1	22 11	10 6		n.a.
F 24	18 13	22 10	0s12	20 45	1 44	3 18	2 28	17 29	0 24	22 18	0 8	4 38	2 15	15 36	0 48	17 12	1 29	28 49	5 16	22 1	22 10	10 4		n.a.
S 25	18 29	22 16	1 27	21 13	1 48	3 20	2 36	17 43	0 25	22 21	0 9	4 41	2 15	15 36	0 47	17 11	1 29	28 49	5 16	22 1	22 10	10 1		n.a.
S 26	18 46	20 59	2 38	21 40	1 51	3 24	2 43	17 57	0 25	22 23	0 9	4 43	2 16	15 35	0 47	17 11	1 29	28 49	5 16	22 1	22 9	9 59		n.a.
M27	19 1	18 24	3 40	22 6	1 54	3 28	2 49	18 11	0 26	22 25	0 9	4 45	2 16	15 35	0 47	17 11	1 29	28 49	5 16	22 1	22 9	9 56		n.a.
T 28	19 17	14 43	4 29	22 30	1 56	3 34	2 55	18 24	0 27	22 27	0 9	4 48	2 16	15 35	0 47	17 11	1 28	28 49	5 16	22 2	22 8	9 54		n.a.
W29	19 32	10 11	5 2	22 53	1 59	3 40	3 1	18 38	0 27	22 30	0 9	4 50	2 16	15 34	0 47	17 11	1 28	28 50	5 16	22 2	22 8	9 52		n.a.
T 30	19s46	5n 7	5s16	23s15	2s 1	3s47	3n 7	18s51	0s28	22s32	0s 9	4s52	2n16	15s34	0s47	17s10	1s28	28s50	5s16	22s 2	22s 7	9s49		n.a.

Julian Day Number = 1198324.5, Delta T = 09h25m07s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'12, Lahiri = -23°43'11 Julian Calendar 1 Nov. 1433 BCE == Greg. Calendar 19 Oct. 1433 BCE

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ASTRODIENST EPHEMERIS for the year 1433 BCE
geocentric

DECEMBER 1433 BCE (-1432) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 49 10	27♏45'19	18♍41	5♐27	17♎11	22♏ 3	10♐29	17♎31	20♒48	17♒48	21♐26	7°R59	8♐31	21♒56	n.a.	F 1
S 2	3 53 6	28°46'35	2♎45	7° 8	17°46	22°50	10°43	17°37	20°49	17°48	21°27	7♐58	8°28	22° 3	n.a.	S 2
S 3	3 57 3	29°47'51	16°41	8°48	18°22	23°36	10°57	17°43	20°50	17°49	21°29	7°57	8°25	22° 9	n.a.	S 3
M 4	4 0 59	0♐49'06	0♏28	10°29	18°59	24°23	11°11	17°49	20°51	17°50	21°31	7°56	8°21	22°16	n.a.	M 4
T 5	4 4 56	1°50'21	14° 3	12°10	19°38	25° 9	11°25	17°54	20°52	17°51	21°33	7°55	8°18	22°23	n.a.	T 5
W 6	4 8 53	2°51'35	27°23	13°50	20°18	25°56	11°39	18° 0	20°53	17°52	21°35	7°55	8°15	22°29	n.a.	W 6
T 7	4 12 49	3°52'49	10♐29	15°31	20°59	26°43	11°53	18° 5	20°54	17°53	21°36	7°D55	8°12	22°36	n.a.	T 7
F 8	4 16 46	4°54'02	23°18	17°11	21°41	27°29	12° 8	18°11	20°56	17°53	21°38	7°55	8° 9	22°43	n.a.	F 8
S 9	4 20 42	5°55'14	5♑52	18°52	22°24	28°16	12°22	18°16	20°57	17°54	21°40	7°55	8° 6	22°50	n.a.	S 9
S 10	4 24 39	6°56'25	18°11	20°31	23° 8	29° 2	12°36	18°22	20°58	17°55	21°42	7°55	8° 2	22°56	n.a.	S 10
M11	4 28 35	7°57'35	0♒18	22°10	23°54	29°49	12°50	18°27	21° 0	17°56	21°44	7°R55	7°59	23° 3	n.a.	M11
T 12	4 32 32	8°58'43	12°16	23°47	24°40	0♐36	13° 4	18°32	21° 1	17°57	21°45	7°55	7°56	23°10	n.a.	T 12
W13	4 36 29	9°59'51	24° 9	25°24	25°27	1°23	13°18	18°38	21° 3	17°59	21°47	7°55	7°53	23°17	n.a.	W13
T 14	4 40 25	11° 0'57	6♓ 1	26°58	26°15	2° 9	13°33	18°43	21° 5	18° 0	21°49	7°D55	7°50	23°23	n.a.	T 14
F 15	4 44 22	12° 2'02	17°57	28°30	27° 4	2°56	13°47	18°48	21° 6	18° 1	21°51	7°55	7°46	23°30	n.a.	F 15
S 16	4 48 18	13° 3'05	0♈ 2	0♑ 0	27°54	3°43	14° 1	18°53	21° 8	18° 2	21°53	7°55	7°43	23°37	n.a.	S 16
S 17	4 52 15	14° 4'08	12°20	1°27	28°44	4°30	14°15	18°58	21°10	18° 3	21°55	7°56	7°40	23°43	n.a.	S 17
M18	4 56 11	15° 5'08	24°55	2°50	29°36	5°17	14°29	19° 3	21°11	18° 4	21°57	7°57	7°37	23°50	n.a.	M18
T 19	5 0 8	16° 6'08	7♉50	4° 9	0♏28	6° 3	14°44	19° 8	21°13	18° 6	21°58	7°57	7°34	23°57	n.a.	T 19
W20	5 4 4	17° 7'06	21° 7	5°22	1°20	6°50	14°58	19°12	21°15	18° 7	22° 0	7°58	7°31	24° 4	n.a.	W20
T 21	5 8 1	18° 8'03	4♊47	6°30	2°14	7°37	15°12	19°17	21°17	18° 8	22° 2	7°R58	7°27	24°10	n.a.	T 21
F 22	5 11 58	19° 8'58	18°47	7°31	3° 8	8°24	15°26	19°22	21°19	18°10	22° 4	7°58	7°24	24°17	n.a.	F 22
S 23	5 15 54	20° 9'53	3♋ 5	8°25	4° 2	9°11	15°40	19°26	21°21	18°11	22° 6	7°58	7°21	24°24	n.a.	S 23
S 24	5 19 51	21°10'46	17°34	9°11	4°58	9°58	15°54	19°31	21°23	18°12	22° 8	7°56	7°18	24°30	n.a.	S 24
M25	5 23 47	22°11'37	2♌ 9	9°47	5°54	10°45	16° 9	19°35	21°25	18°14	22°10	7°54	7°15	24°37	n.a.	M25
T 26	5 27 44	23°12'28	16°44	10°14	6°50	11°32	16°23	19°39	21°27	18°15	22°12	7°52	7°12	24°44	n.a.	T 26
W27	5 31 40	24°13'17	1♍13	10°31	7°47	12°19	16°37	19°44	21°29	18°17	22°13	7°51	7° 8	24°51	n.a.	W27
T 28	5 35 37	25°14'05	15°31	10°R37	8°44	13° 6	16°51	19°48	21°31	18°18	22°15	7°50	7° 5	24°57	n.a.	T 28
F 29	5 39 34	26°14'52	29°36	10°32	9°42	13°53	17° 5	19°52	21°34	18°20	22°17	7°D50	7° 2	25° 4	n.a.	F 29
S 30	5 43 30	27°15'37	13♎27	10°17	10°41	14°40	17°19	19°56	21°36	18°21	22°19	7°50	6°59	25°11	n.a.	S 30
S 31	5 47 27	28♐16'22	27♎ 4	9♑50	11♏40	15♐27	17♐33	20♎ 0	21♒38	18♒23	22♐21	7♐51	6♐56	25♒17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20s 0	0s12	5s11	23s35	2s 2	3s55	3n12	19s 4	0s28	22s34	0s 9	4s54	2n16	15s34	0s47	17s10	1s28	28s50	5s16	22s 2	22s 7	9s47		n.a.	F 1
S 2	20 14	5 30	4 48	23 54	2 3	4 4	3 17	19 16	0 29	22 36	0 9	4 56	2 16	15 33	0 47	17 10	1 28	28 50	5 16	22 1	22 6	9 44		n.a.	S 2
S 3	20 28	10 28	4 7	24 12	2 4	4 14	3 21	19 29	0 30	22 38	0 9	4 59	2 16	15 33	0 47	17 10	1 28	28 50	5 16	22 1	22 6	9 42		n.a.	S 3
M 4	20 41	14 50	3 13	24 27	2 4	4 24	3 25	19 41	0 30	22 40	0 10	5 1	2 16	15 33	0 47	17 9	1 28	28 50	5 16	22 1	22 5	9 40		n.a.	M 4
T 5	20 54	18 23	2 9	24 41	2 3	4 36	3 29	19 54	0 31	22 42	0 10	5 3	2 17	15 32	0 47	17 9	1 28	28 50	5 16	22 1	22 5	9 37		n.a.	T 5
W 6	21 6	20 52	0 58	24 53	2 3	4 48	3 32	20 5	0 32	22 44	0 10	5 5	2 17	15 32	0 47	17 9	1 28	28 50	5 16	22 1	22 4	9 35		n.a.	W 6
T 7	21 18	22 11	0n14	25 4	2 1	5 0	3 36	20 17	0 32	22 47	0 10	5 7	2 17	15 31	0 47	17 8	1 28	28 51	5 16	22 1	22 4	9 32		n.a.	T 7
F 8	21 29	22 17	1 24	25 12	1 59	5 13	3 38	20 29	0 33	22 49	0 10	5 9	2 17	15 31	0 47	17 8	1 28	28 51	5 16	22 1	22 3	9 30		n.a.	F 8
S 9	21 40	21 15	2 29	25 19	1 56	5 27	3 41	20 40	0 34	22 51	0 10	5 11	2 17	15 30	0 47	17 8	1 28	28 51	5 16	22 1	22 3	9 28		n.a.	S 9
S 10	21 51	19 13	3 25	25 24	1 53	5 42	3 43	20 51	0 34	22 53	0 10	5 13	2 17	15 30	0 47	17 7	1 28	28 51	5 16	22 1	22 2	9 25		n.a.	S 10
M11	22 1	16 21	4 12	25 26	1 49	5 57	3 45	21 2	0 35	22 54	0 10	5 15	2 17	15 29	0 47	17 7	1 28	28 51	5 16	22 1	22 2	9 23		n.a.	M11
T 12	22 11	12 51	4 46	25 27	1 44	6 12	3 47	21 13	0 35	22 56	0 10	5 17	2 17	15 29	0 47	17 7	1 28	28 51	5 16	22 1	22 1	9 20		n.a.	T 12
W13	22 20	8 52	5 8	25 25	1 38	6 28	3 49	21 23	0 36	22 58	0 11	5 19	2 18	15 28	0 47	17 6	1 28	28 52	5 16	22 1	22 1	9 18		n.a.	W13
T 14	22 29	4 34	5 17	25 21	1 32	6 44	3 50	21 33	0 37	23 0	0 11	5 20	2 18	15 28	0 47	17 6	1 28	28 52	5 16	22 1	22 0	9 16		n.a.	T 14
F 15	22 38	0 4	5 12	25 15	1 24	7 1	3 51	21 43	0 37	23 2	0 11	5 22	2 18	15 27	0 47	17 5	1 28	28 52	5 16	22 1	22 0	9 13		n.a.	F 15
S 16	22 46	4n30	4 54	25 8	1 16	7 18	3 52	21 53	0 38	23 4	0 11	5 24	2 18	15 27	0 47	17 5	1 28	28 52	5 16	22 1	21 59	9 11		n.a.	S 16
S 17	22 54	8 58	4 22	24 58	1 7	7 36	3 53	22 3	0 38	23 6	0 11	5 26	2 18	15 26	0 47	17 5	1 28	28 52	5 16	22 1	21 58	9 8		n.a.	S 17
M18	23 1	13 10	3 37	24 46	0 56	7 54	3 53	22 12	0 39	23 8	0 11	5 28	2 18	15 25	0 47	17 4	1 28	28 52	5 16	22 1	21 58	9 6		n.a.	M18
T 19	23 7	16 52	2 39	24 33	0 45	8 12	3 54	22 21	0 40	23 9	0 11	5 29	2 18	15 25	0 47	17 4	1 28	28 53	5 16	22 1	21 57	9 4		n.a.	T 19
W20	23 14	19 50	1 32	24 18	0 33	8 30	3 54	22 30	0 40	23 11	0 11	5 31	2 19	15 24	0 47	17 3	1 28	28 53	5 16	22 1	21 57	9 1		n.a.	W20
T 21	23 19	21 45	0 18	24 2	0 20	8 49	3 53	22 38	0 41	23 13	0 11	5 33	2 19	15 23	0 46	17 3	1 28	28 53	5 17	22 2	21 56	8 59		n.a.	T 21
F 22	23 25	22 23	1s 0	23 44	0 6	9 8	3 53	22 46	0 41	23 14	0 12	5 34	2 19	15 23	0 46	17 2	1 28	28 53	5 17	22 1	21 56	8 56		n.a.	F 22
S 23	23 29	21 35	2 15	23 26	0n 9	9 27	3 52	22 54	0 42	23 16	0 12	5 36	2 19	15 22	0 46	17 2	1 28	28 53	5 17	22 1	21 55	8 54		n.a.	S 23
S 24	23 34	19 21	3 22	23 7	0 25	9 46	3 52	23 2	0 42	23 18	0 12	5 37	2 19	15 21	0 46	17 2	1 27	28 54	5 17	22 1	21 55	8 51		n.a.	S 24
M25	23 38	15 52	4 17	22 48	0 42	10 6	3 51	23 10	0 43	23 19	0 12	5 39	2 19	15 21	0 46	17 1	1 27	28 54	5 17	22 1	21 54	8 49		n.a.	M25
T 26	23 41	11 25	4 55	22 29	0 59	10 25	3 50	23 17	0 44	23 21	0 12	5 40	2 20	15 20	0 46	17 1	1 27	28 54	5 17	22 1	21 54	8 47		n.a.	T 26
W27	23 44	6 21	5 14	22 10	1 17	10 45	3 49	23 24	0 44	23 23	0 12	5 42	2 20	15 19	0 46	17 0	1 27	28 54	5 17	22 0	21 53	8 44		n.a.	W27
T 28	23 46	1 1	5 13	21 51	1 35	11 5	3 47	23 31	0 45	23 24	0 12	5 43	2 20	15 18	0 46	17 0	1 27	28 54	5 17	22 0	21 53	8 42		n.a.	T 28
F 29	23 48	4s19	4 53	21 34	1 53	11 25	3 46	23 37	0 45	23 26	0 12	5 45	2 20	15 18	0 46	16 59	1 27	28 54	5 17	22 0	21 52	8 39		n.a.	F 29
S 30	23 50	9 20	4 17	21 17	2 11	11 45	3 44	23 43	0 46	23 27	0 12	5 46	2 20	15 17	0 46	16 59	1 27	28 55	5 17	22 0	21 52	8 37		n.a.	S 30
S 31	23s51	13s48	3s27	21s 2	2n28	12s 5	3n42	23s49	0s46	23s29	0s13	5s47	2n20	15s16	0s46	16s58	1s27	28s55	5s17	22s 0	21s51	8s35		n.a.	S 31

Julian Day Number = 1198354.5, Delta T = 09h25m05s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'07, Lahiri = -23°43'07 Julian Calendar 1 Dec. 1433 BCE == Greg. Calendar 18 Nov. 1433 BCE

The year -1432 astronomical counting style corresponds to year 1433 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

JANUARY 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 51 23	29♐17'05	10♏26	9°R14	12♏39	16♐14	17♐47	20♎ 4	21♒41	18♒24	22♐23	7♐53	6♐52	25♒24	n.a.	M 1
T 2	5 55 20	0♑17'47	23°34	8♑29	13°39	17° 1	18° 1	20° 7	21°43	18°26	22°25	7°54	6°49	25°31	n.a.	T 2
W 3	5 59 16	1°18'27	6♐30	7°35	14°39	17°48	18°15	20°11	21°45	18°28	22°26	7°R55	6°46	25°38	n.a.	W 3
T 4	6 3 13	2°19'06	19°14	6°36	15°40	18°35	18°29	20°15	21°48	18°29	22°28	7°54	6°43	25°44	n.a.	T 4
F 5	6 7 9	3°19'43	1♑46	5°31	16°40	19°22	18°43	20°18	21°50	18°31	22°30	7°53	6°40	25°51	n.a.	F 5
S 6	6 11 6	4°20'18	14° 7	4°24	17°42	20°10	18°57	20°22	21°53	18°33	22°32	7°49	6°37	25°58	n.a.	S 6
S 7	6 15 3	5°20'52	26°19	3°15	18°43	20°57	19°11	20°25	21°55	18°35	22°34	7°45	6°33	26° 5	n.a.	S 7
M 8	6 18 59	6°21'24	8♒22	2° 7	19°45	21°44	19°25	20°28	21°58	18°36	22°36	7°40	6°30	26°11	n.a.	M 8
T 9	6 22 56	7°21'54	20°19	1° 1	20°48	22°31	19°39	20°32	22° 1	18°38	22°38	7°34	6°27	26°18	n.a.	T 9
W10	6 26 52	8°22'21	2♓11	29♐59	21°50	23°18	19°53	20°35	22° 3	18°40	22°39	7°29	6°24	26°25	n.a.	W10
T 11	6 30 49	9°22'47	14° 2	29° 2	22°53	24° 5	20° 7	20°38	22° 6	18°42	22°41	7°25	6°21	26°31	n.a.	T 11
F 12	6 34 45	10°23'11	25°57	28°11	23°56	24°52	20°21	20°40	22° 9	18°44	22°43	7°23	6°18	26°38	n.a.	F 12
S 13	6 38 42	11°23'32	7♈58	27°27	24°59	25°39	20°34	20°43	22°11	18°46	22°45	7°D22	6°14	26°45	n.a.	S 13
S 14	6 42 38	12°23'51	20°12	26°49	26° 3	26°26	20°48	20°46	22°14	18°48	22°47	7°22	6°11	26°52	n.a.	S 14
M15	6 46 35	13°24'09	2♉43	26°19	27° 7	27°14	21° 2	20°49	22°17	18°49	22°48	7°23	6° 8	26°58	n.a.	M15
T 16	6 50 32	14°24'24	15°35	25°56	28°11	28° 1	21°15	20°51	22°20	18°51	22°50	7°25	6° 5	27° 5	n.a.	T 16
W17	6 54 28	15°24'36	28°52	25°40	29°16	28°48	21°29	20°54	22°23	18°53	22°52	7°26	6° 2	27°12	n.a.	W17
T 18	6 58 25	16°24'47	12♊36	25°31	0♐20	29°35	21°42	20°56	22°26	18°55	22°54	7°R26	5°58	27°19	n.a.	T 18
F 19	7 2 21	17°24'56	26°47	25°D29	1°25	0♑22	21°56	20°58	22°28	18°57	22°55	7°25	5°55	27°25	n.a.	F 19
S 20	7 6 18	18°25'02	11♋22	25°34	2°30	1° 9	22° 9	21° 0	22°31	18°59	22°57	7°21	5°52	27°32	n.a.	S 20
S 21	7 10 14	19°25'06	26°14	25°45	3°36	1°56	22°23	21° 2	22°34	19° 1	22°59	7°16	5°49	27°39	n.a.	S 21
M22	7 14 11	20°25'08	11♌16	26° 1	4°41	2°43	22°36	21° 4	22°37	19° 3	23° 0	7°10	5°46	27°45	n.a.	M22
T 23	7 18 7	21°25'09	26°19	26°23	5°47	3°30	22°50	21° 6	22°40	19° 5	23° 2	7° 3	5°43	27°52	n.a.	T 23
W24	7 22 4	22°25'07	11♍12	26°50	6°53	4°17	23° 3	21° 8	22°43	19° 7	23° 4	6°56	5°39	27°59	n.a.	W24
T 25	7 26 1	23°25'04	25°48	27°22	7°59	5° 5	23°16	21°10	22°47	19°10	23° 6	6°52	5°36	28° 6	n.a.	T 25
F 26	7 29 57	24°24'58	10♎ 4	27°58	9° 5	5°52	23°29	21°11	22°50	19°12	23° 7	6°49	5°33	28°12	n.a.	F 26
S 27	7 33 54	25°24'51	23°56	28°38	10°11	6°39	23°43	21°13	22°53	19°14	23° 9	6°D48	5°30	28°19	n.a.	S 27
S 28	7 37 50	26°24'42	7♏27	29°23	11°18	7°26	23°56	21°14	22°56	19°16	23°10	6°48	5°27	28°26	n.a.	S 28
M29	7 41 47	27°24'31	20°36	0♑10	12°25	8°13	24° 9	21°16	22°59	19°18	23°12	6°49	5°24	28°32	n.a.	M29
T 30	7 45 43	28°24'19	3♐28	1° 2	13°32	9° 0	24°22	21°17	23° 2	19°20	23°14	6°R50	5°20	28°39	n.a.	T 30
W31	7 49 40	29♑24'05	16♐ 6	1♑56	14♐39	9♑47	24♐35	21♎18	23♒ 5	19♒22	23♐15	6♐50	5♐17	28♒46	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s52	17s31	2s26	20s48	2n44	12s25	3n40	23s55	0s47	23s30	0s13	5s49	2n21	15s15	0s46	16s57	1s27	28s55	5s17	22s 1	21s50	8s32			n.a.
T 2	23 52	20 15	1 18	20 36	2 59	12 45	3 38	24 0	0 47	23 31	0 13	5 50	2 21	15 14	0 46	16 57	1 27	28 55	5 17	22 1	21 50	8 30			n.a.
W 3	23 51	21 54	0 8	20 26	3 13	13 5	3 36	24 5	0 48	23 33	0 13	5 51	2 21	15 14	0 46	16 56	1 27	28 56	5 18	22 1	21 49	8 27			n.a.
T 4	23 50	22 23	1n 2	20 17	3 25	13 24	3 34	24 10	0 49	23 34	0 13	5 52	2 21	15 13	0 46	16 56	1 27	28 56	5 18	22 1	21 49	8 25			n.a.
F 5	23 49	21 44	2 7	20 11	3 34	13 44	3 32	24 15	0 49	23 36	0 13	5 54	2 21	15 12	0 46	16 55	1 27	28 56	5 18	22 1	21 48	8 22			n.a.
S 6	23 47	20 1	3 6	20 5	3 42	14 4	3 29	24 19	0 50	23 37	0 13	5 55	2 22	15 11	0 46	16 55	1 27	28 56	5 18	22 0	21 48	8 20			n.a.
S 7	23 45	17 25	3 55	20 2	3 47	14 24	3 26	24 23	0 50	23 38	0 13	5 56	2 22	15 10	0 46	16 54	1 27	28 56	5 18	21 59	21 47	8 18			n.a.
M 8	23 42	14 6	4 33	20 0	3 50	14 43	3 24	24 26	0 51	23 39	0 14	5 57	2 22	15 9	0 46	16 53	1 27	28 57	5 18	21 58	21 47	8 15			n.a.
T 9	23 39	10 16	4 58	20 1	3 51	15 3	3 21	24 30	0 51	23 41	0 14	5 58	2 22	15 8	0 46	16 53	1 27	28 57	5 18	21 58	21 46	8 13			n.a.
W10	23 35	6 3	5 11	20 2	3 50	15 22	3 18	24 33	0 52	23 42	0 14	5 59	2 22	15 8	0 46	16 52	1 27	28 57	5 18	21 57	21 46	8 10			n.a.
T 11	23 31	1 38	5 10	20 5	3 46	15 41	3 15	24 36	0 52	23 43	0 14	6 0	2 23	15 7	0 46	16 52	1 27	28 57	5 18	21 56	21 45	8 8			n.a.
F 12	23 27	2n52	4 56	20 10	3 41	16 0	3 12	24 38	0 53	23 44	0 14	6 1	2 23	15 6	0 46	16 51	1 27	28 57	5 19	21 56	21 44	8 5			n.a.
S 13	23 22	7 19	4 29	20 16	3 34	16 18	3 9	24 40	0 53	23 45	0 14	6 2	2 23	15 5	0 46	16 50	1 27	28 58	5 19	21 55	21 44	8 3			n.a.
S 14	23 16	11 33	3 49	20 23	3 26	16 36	3 5	24 42	0 54	23 46	0 14	6 2	2 23	15 4	0 46	16 50	1 27	28 58	5 19	21 55	21 43	8 1			n.a.
M15	23 10	15 24	2 58	20 32	3 17	16 55	3 2	24 44	0 54	23 48	0 14	6 3	2 23	15 3	0 46	16 49	1 27	28 58	5 19	21 56	21 43	7 58			n.a.
T 16	23 4	18 39	1 56	20 41	3 7	17 12	2 59	24 45	0 55	23 49	0 15	6 4	2 24	15 2	0 46	16 49	1 27	28 58	5 19	21 56	21 42	7 56			n.a.
W17	22 57	21 1	0 46	20 52	2 56	17 30	2 55	24 46	0 55	23 50	0 15	6 5	2 24	15 1	0 46	16 48	1 27	28 59	5 19	21 56	21 42	7 53			n.a.
T 18	22 50	22 15	0s28	21 3	2 44	17 47	2 51	24 47	0 56	23 51	0 15	6 5	2 24	15 0	0 46	16 47	1 27	28 59	5 19	21 56	21 41	7 51			n.a.
F 19	22 42	22 6	1 43	21 15	2 32	18 4	2 48	24 48	0 56	23 52	0 15	6 6	2 24	14 59	0 46	16 47	1 27	28 59	5 19	21 56	21 40	7 48			n.a.
S 20	22 34	20 29	2 53	21 27	2 20	18 21	2 44	24 48	0 56	23 53	0 15	6 7	2 24	14 58	0 46	16 46	1 27	28 59	5 20	21 55	21 40	7 46			n.a.
S 21	22 26	17 27	3 53	21 40	2 8	18 37	2 40	24 48	0 57	23 53	0 15	6 7	2 25	14 57	0 46	16 45	1 27	29 0	5 20	21 54	21 39	7 44			n.a.
M22	22 17	13 15	4 38	21 52	1 56	18 53	2 37	24 47	0 57	23 54	0 15	6 8	2 25	14 56	0 46	16 45	1 27	29 0	5 20	21 53	21 39	7 41			n.a.
T 23	22 7	8 13	5 3	22 5	1 43	19 9	2 33	24 47	0 58	23 55	0 15	6 8	2 25	14 55	0 46	16 44	1 27	29 0	5 20	21 52	21 38	7 39			n.a.
W24	21 58	2 46	5 8	22 18	1 31	19 24	2 29	24 46	0 58	23 56	0 16	6 9	2 25	14 54	0 46	16 43	1 27	29 0	5 20	21 51	21 38	7 36			n.a.
T 25	21 47	2s45	4 52	22 31	1 19	19 39	2 25	24 44	0 59	23 57	0 16	6 9	2 25	14 53	0 46	16 43	1 27	29 0	5 20	21 50	21 37	7 34			n.a.
F 26	21 37	8 0	4 18	22 44	1 7	19 53	2 21	24 43	0 59	23 58	0 16	6 10	2 26	14 52	0 46	16 42	1 27	29 1	5 20	21 50	21 37	7 31			n.a.
S 27	21 26	12 42	3 30	22 56	0 55	20 7	2 17	24 41	0 59	23 59	0 16	6 10	2 26	14 51	0 45	16 41	1 27	29 1	5 21	21 50	21 36	7 29			n.a.
S 28	21 15	16 37	2 32	23 8	0 44	20 20	2 13	24 39	1 0	23 59	0 16	6 10	2 26	14 50	0 45	16 41	1 27	29 1	5 21	21 50	21 35	7 27			n.a.
M29	21 3	19 36	1 26	23 19	0 32	20 33	2 9	24 36	1 0	24 0	0 16	6 11	2 26	14 49	0 45	16 40	1 27	29 1	5 21	21 50	21 35	7 24			n.a.
T 30	20 51	21 31	0 18	23 30	0 21	20 46	2 5	24 34	1 1	24 1	0 16	6 11	2 27	14 48	0 45	16 39	1 27	29 2	5 21	21 50	21 34	7 22			n.a.
W31	20s38	22s18	0n50	23s40	0n11	20s58	2n 1	24s31	1s 1	24s 1	0s17	6s11	2n27	14s46	0s45	16s39	1s27	29s 2	5s21	21s50	21s34	7s19			n.a.

Julian Day Number = 1198385.5, Delta T = 09h25m03s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°50'03, Lahiri = -23°43'03 Julian Calendar 1 Jan. 1432 BCE == Greg. Calendar 19 Dec. 1433 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

FEBRUARY 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 53 36	0♒23'48	28♐31	2♑53	15♐46	10♑34	24♐47	21♎19	23♒ 9	19♒24	23♐17	6°R47	5♐14	28♒53	n.a.	T 1
F 2	7 57 33	1°23'30	10♑47	3°53	16°54	11°21	25° 0	21°20	23°12	19°27	23°18	6♐42	5°11	28°59	n.a.	F 2
S 3	8 1 29	2°23'09	22°55	4°56	18° 1	12° 8	25°13	21°21	23°15	19°29	23°20	6°35	5° 8	29° 6	n.a.	S 3
S 4	8 5 26	3°22'47	4♒58	6° 1	19° 9	12°55	25°26	21°21	23°18	19°31	23°21	6°25	5° 4	29°13	n.a.	S 4
M 5	8 9 23	4°22'22	16°55	7° 8	20°16	13°42	25°38	21°22	23°21	19°33	23°23	6°14	5° 1	29°20	n.a.	M 5
T 6	8 13 19	5°21'54	28°49	8°18	21°24	14°29	25°51	21°23	23°25	19°35	23°24	6° 2	4°58	29°26	n.a.	T 6
W 7	8 17 16	6°21'25	10♓40	9°29	22°32	15°16	26° 3	21°23	23°28	19°38	23°26	5°51	4°55	29°33	n.a.	W 7
T 8	8 21 12	7°20'53	22°32	10°43	23°40	16° 3	26°16	21°23	23°31	19°40	23°27	5°41	4°52	29°40	n.a.	T 8
F 9	8 25 9	8°20'19	4♈26	11°58	24°49	16°49	26°28	21°23	23°35	19°42	23°29	5°33	4°49	29°46	n.a.	F 9
S 10	8 29 5	9°19'42	16°27	13°16	25°57	17°36	26°40	21°24	23°38	19°44	23°30	5°28	4°45	29°53	n.a.	S 10
S 11	8 33 2	10°19'03	28°38	14°35	27° 5	18°23	26°52	21°R24	23°41	19°47	23°32	5°26	4°42	29°59	n.a.	S 11
M12	8 36 58	11°18'22	11♉ 4	15°56	28°14	19°10	27° 5	21°23	23°45	19°49	23°33	5°D25	4°39	0♓ 7	n.a.	M12
T 13	8 40 55	12°17'38	23°50	17°18	29°22	19°57	27°17	21°23	23°48	19°51	23°34	5°25	4°36	0°13	n.a.	T 13
W14	8 44 51	13°16'51	7♊ 1	18°43	0♑31	20°44	27°28	21°23	23°51	19°53	23°36	5°R25	4°33	0°20	n.a.	W14
T 15	8 48 48	14°16'02	20°39	20° 8	1°40	21°30	27°40	21°23	23°55	19°56	23°37	5°25	4°30	0°27	n.a.	T 15
F 16	8 52 45	15°15'11	4♋47	21°36	2°49	22°17	27°52	21°22	23°58	19°58	23°38	5°22	4°26	0°34	n.a.	F 16
S 17	8 56 41	16°14'17	19°23	23° 4	3°58	23° 4	28° 4	21°22	24° 2	20° 0	23°39	5°16	4°23	0°40	n.a.	S 17
S 18	9 0 38	17°13'21	4♌23	24°35	5° 7	23°50	28°15	21°21	24° 5	20° 2	23°41	5° 8	4°20	0°47	n.a.	S 18
M19	9 4 34	18°12'23	19°38	26° 7	6°16	24°37	28°27	21°20	24° 8	20° 5	23°42	4°58	4°17	0°54	n.a.	M19
T 20	9 8 31	19°11'22	4♍57	27°40	7°25	25°24	28°38	21°19	24°12	20° 7	23°43	4°47	4°14	1° 0	n.a.	T 20
W21	9 12 27	20°10'19	20°10	29°15	8°34	26°10	28°50	21°18	24°15	20° 9	23°44	4°37	4°10	1° 7	n.a.	W21
T 22	9 16 24	21° 9'14	5♎ 5	0♒51	9°44	26°57	29° 1	21°17	24°19	20°11	23°46	4°29	4° 7	1°14	n.a.	T 22
F 23	9 20 20	22° 8'07	19°36	2°29	10°53	27°43	29°12	21°16	24°22	20°14	23°47	4°23	4° 4	1°21	n.a.	F 23
S 24	9 24 17	23° 6'59	3♏39	4° 8	12° 3	28°30	29°23	21°15	24°25	20°16	23°48	4°20	4° 1	1°27	n.a.	S 24
S 25	9 28 13	24° 5'48	17°14	5°49	13°12	29°16	29°34	21°14	24°29	20°18	23°49	4°19	3°58	1°34	n.a.	S 25
M26	9 32 10	25° 4'36	0♐23	7°31	14°22	0♒ 3	29°45	21°12	24°32	20°20	23°50	4°19	3°55	1°41	n.a.	M26
T 27	9 36 7	26° 3'22	13°10	9°15	15°32	0°49	29°56	21°11	24°36	20°23	23°51	4°19	3°51	1°47	n.a.	T 27
W28	9 40 3	27♒ 2'06	25♐39	11♒ 0	16♑42	1♒36	0♑ 7	21♎ 9	24♒39	20♒25	23♐52	4♐17	3♐48	1♓54	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s25	21s57	1n54	23s49	0n 0	21s 9	1n57	24s27	1s 1	24s 2	0s17	6s11	2n27	14s45	0s45	16s38	1s27	29s 2	5s21	21s50	21s33	7s17		n.a.	T 1
F 2	20 12	20 34	2 52	23 58	0s10	21 20	1 52	24 24	1 2	24 3	0 17	6 12	2 27	14 44	0 45	16 37	1 27	29 2	5 21	21 49	21 32	7 14		n.a.	F 2
S 3	19 58	18 15	3 41	24 5	0 19	21 31	1 48	24 20	1 2	24 3	0 17	6 12	2 27	14 43	0 45	16 36	1 27	29 3	5 22	21 47	21 32	7 12		n.a.	S 3
S 4	19 45	15 10	4 20	24 12	0 29	21 41	1 44	24 16	1 3	24 4	0 17	6 12	2 28	14 42	0 45	16 36	1 27	29 3	5 22	21 46	21 31	7 10		n.a.	S 4
M 5	19 30	11 29	4 47	24 18	0 38	21 50	1 40	24 11	1 3	24 5	0 17	6 12	2 28	14 41	0 45	16 35	1 27	29 3	5 22	21 44	21 31	7 7		n.a.	M 5
T 6	19 16	7 24	5 1	24 22	0 46	21 59	1 36	24 7	1 3	24 5	0 17	6 12	2 28	14 40	0 45	16 34	1 27	29 3	5 22	21 42	21 30	7 5		n.a.	T 6
W 7	19 1	3 2	5 2	24 25	0 55	22 8	1 31	24 2	1 4	24 6	0 18	6 12	2 28	14 39	0 45	16 34	1 27	29 4	5 22	21 40	21 30	7 2		n.a.	W 7
T 8	18 46	1n25	4 51	24 28	1 2	22 15	1 27	23 56	1 4	24 6	0 18	6 12	2 28	14 38	0 45	16 33	1 27	29 4	5 23	21 38	21 29	7 0		n.a.	T 8
F 9	18 30	5 51	4 26	24 28	1 10	22 22	1 23	23 51	1 4	24 7	0 18	6 12	2 29	14 37	0 45	16 32	1 27	29 4	5 23	21 37	21 28	6 57		n.a.	F 9
S 10	18 14	10 6	3 50	24 28	1 17	22 29	1 19	23 45	1 5	24 7	0 18	6 11	2 29	14 35	0 45	16 31	1 27	29 4	5 23	21 36	21 28	6 55		n.a.	S 10
S 11	17 58	14 1	3 3	24 26	1 24	22 35	1 15	23 39	1 5	24 8	0 18	6 11	2 29	14 34	0 45	16 31	1 27	29 5	5 23	21 35	21 27	6 53		n.a.	S 11
M12	17 41	17 24	2 6	24 23	1 30	22 41	1 10	23 33	1 5	24 8	0 18	6 11	2 29	14 33	0 45	16 30	1 27	29 5	5 23	21 35	21 27	6 50		n.a.	M12
T 13	17 25	20 3	1 1	24 18	1 36	22 45	1 6	23 26	1 6	24 8	0 18	6 11	2 30	14 32	0 45	16 29	1 27	29 5	5 23	21 35	21 26	6 48		n.a.	T 13
W14	17 8	21 44	0s 8	24 12	1 42	22 50	1 2	23 19	1 6	24 9	0 19	6 10	2 30	14 31	0 45	16 28	1 27	29 5	5 24	21 35	21 25	6 45		n.a.	W14
T 15	16 50	22 12	1 20	24 5	1 47	22 53	0 58	23 12	1 6	24 9	0 19	6 10	2 30	14 30	0 45	16 28	1 27	29 6	5 24	21 35	21 25	6 43		n.a.	T 15
F 16	16 33	21 17	2 29	23 56	1 51	22 56	0 54	23 5	1 7	24 10	0 19	6 10	2 30	14 29	0 45	16 27	1 27	29 6	5 24	21 34	21 24	6 40		n.a.	F 16
S 17	16 15	18 57	3 31	23 45	1 56	22 58	0 50	22 57	1 7	24 10	0 19	6 9	2 30	14 27	0 45	16 26	1 27	29 6	5 24	21 33	21 24	6 38		n.a.	S 17
S 18	15 57	15 18	4 20	23 33	1 59	23 0	0 46	22 49	1 7	24 10	0 19	6 9	2 31	14 26	0 45	16 26	1 27	29 6	5 24	21 32	21 23	6 36		n.a.	S 18
M19	15 38	10 36	4 51	23 19	2 3	23 1	0 42	22 41	1 7	24 11	0 19	6 8	2 31	14 25	0 45	16 25	1 27	29 7	5 25	21 30	21 22	6 33		n.a.	M19
T 20	15 20	5 12	5 1	23 3	2 6	23 2	0 38	22 33	1 8	24 11	0 19	6 8	2 31	14 24	0 45	16 24	1 27	29 7	5 25	21 28	21 22	6 31		n.a.	T 20
W21	15 1	0s29	4 50	22 45	2 8	23 1	0 34	22 24	1 8	24 11	0 20	6 7	2 31	14 23	0 45	16 23	1 27	29 7	5 25	21 26	21 21	6 28		n.a.	W21
T 22	14 42	6 1	4 20	22 26	2 10	23 0	0 30	22 15	1 8	24 11	0 20	6 7	2 31	14 22	0 45	16 23	1 27	29 7	5 25	21 25	21 21	6 26		n.a.	T 22
F 23	14 23	11 4	3 33	22 5	2 12	22 59	0 26	22 6	1 8	24 12	0 20	6 6	2 32	14 20	0 45	16 22	1 27	29 8	5 25	21 24	21 20	6 23		n.a.	F 23
S 24	14 3	15 22	2 35	21 43	2 13	22 57	0 22	21 57	1 9	24 12	0 20	6 6	2 32	14 19	0 45	16 21	1 27	29 8	5 26	21 23	21 19	6 21		n.a.	S 24
S 25	13 43	18 42	1 29	21 18	2 13	22 54	0 18	21 47	1 9	24 12	0 20	6 5	2 32	14 18	0 45	16 21	1 27	29 8	5 26	21 23	21 19	6 19		n.a.	S 25
M26	13 23	20 56	0 21	20 52	2 13	22 50	0 14	21 37	1 9	24 12	0 20	6 4	2 32	14 17	0 45	16 20	1 27	29 9	5 26	21 23	21 18	6 16		n.a.	M26
T 27	13 3	22 1	0n47	20 23	2 13	22 46	0 10	21 27	1 9	24 12	0 21	6 3	2 32	14 16	0 45	16 19	1 27	29 9	5 26	21 23	21 18	6 14		n.a.	T 27
W28	12s43	21s57	1n50	19s53	2s12	22s42	0n 6	21s17	1s10	24s13	0s21	6s 3	2n32	14s15	0s45	16s18	1s27	29s 9	5s26	21s23	21s17	6s11		n.a.	W28

Julian Day Number = 1198416.5, Delta T = 09h25m02s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'59, Lahiri = -23°42'59 Julian Calendar 1 Feb. 1432 BCE == Greg. Calendar 19 Jan. 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

MARCH 1432 BCE (-1431) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 44 0	28♒ 0'48	7♉55	12♒47	17♉51	2♒22	0♉17	21°R 7	24♒42	20♒27	23♐53	4°R14	3♐45	2♓ 1	n.a.	T 1
F 2	9 47 56	28°59'28	20° 0	14°35	19° 1	3° 8	0°28	21♎ 6	24°46	20°29	23°54	4♐ 7	3°42	2° 8	n.a.	F 2
S 3	9 51 53	29°58'06	2♒ 0	16°25	20°11	3°55	0°38	21° 4	24°49	20°32	23°55	3°58	3°39	2°14	n.a.	S 3
S 4	9 55 49	0♓56'43	13°55	18°16	21°21	4°41	0°49	21° 2	24°53	20°34	23°56	3°46	3°36	2°21	n.a.	S 4
M 5	9 59 46	1°55'17	25°47	20° 9	22°32	5°27	0°59	21° 0	24°56	20°36	23°57	3°32	3°32	2°28	n.a.	M 5
T 6	10 3 42	2°53'49	7♓39	22° 3	23°42	6°13	1° 9	20°58	24°59	20°38	23°58	3°17	3°29	2°35	n.a.	T 6
W 7	10 7 39	3°52'19	19°32	23°59	24°52	7° 0	1°19	20°55	25° 3	20°41	23°59	3° 3	3°26	2°41	n.a.	W 7
T 8	10 11 36	4°50'47	1♈26	25°56	26° 2	7°46	1°29	20°53	25° 6	20°43	23°59	2°51	3°23	2°48	n.a.	T 8
F 9	10 15 32	5°49'13	13°24	27°55	27°13	8°32	1°39	20°51	25°10	20°45	24° 0	2°41	3°20	2°55	n.a.	F 9
S 10	10 19 29	6°47'36	25°29	29°55	28°23	9°18	1°48	20°48	25°13	20°47	24° 1	2°34	3°16	3° 1	n.a.	S 10
S 11	10 23 25	7°45'58	7♉43	1♓57	29°33	10° 4	1°58	20°46	25°16	20°49	24° 2	2°29	3°13	3° 8	n.a.	S 11
M12	10 27 22	8°44'17	20° 9	4° 0	0♒44	10°50	2° 7	20°43	25°20	20°52	24° 2	2°28	3°10	3°15	n.a.	M12
T 13	10 31 18	9°42'34	2♊53	6° 4	1°54	11°36	2°16	20°40	25°23	20°54	24° 3	2°27	3° 7	3°22	n.a.	T 13
W14	10 35 15	10°40'49	15°59	8°10	3° 5	12°22	2°26	20°38	25°26	20°56	24° 4	2°27	3° 4	3°28	n.a.	W14
T 15	10 39 11	11°39'02	29°29	10°16	4°15	13° 7	2°35	20°35	25°30	20°58	24° 5	2°26	3° 1	3°35	n.a.	T 15
F 16	10 43 8	12°37'12	13♋27	12°24	5°26	13°53	2°44	20°32	25°33	21° 0	24° 5	2°24	2°57	3°42	n.a.	F 16
S 17	10 47 4	13°35'20	27°54	14°32	6°37	14°39	2°52	20°29	25°36	21° 2	24° 6	2°18	2°54	3°49	n.a.	S 17
S 18	10 51 1	14°33'26	12♌45	16°40	7°47	15°25	3° 1	20°26	25°39	21° 5	24° 6	2°11	2°51	3°55	n.a.	S 18
M19	10 54 58	15°31'30	27°55	18°49	8°58	16°10	3° 9	20°23	25°43	21° 7	24° 7	2° 1	2°48	4° 2	n.a.	M19
T 20	10 58 54	16°29'32	13♍14	20°57	10° 9	16°56	3°18	20°19	25°46	21° 9	24° 7	1°50	2°45	4° 9	n.a.	T 20
W21	11 2 51	17°27'33	28°31	23° 6	11°20	17°42	3°26	20°16	25°49	21°11	24° 8	1°40	2°41	4°15	n.a.	W21
T 22	11 6 47	18°25'31	13♎34	25°14	12°31	18°27	3°34	20°13	25°52	21°13	24° 8	1°32	2°38	4°22	n.a.	T 22
F 23	11 10 44	19°23'28	28°14	27°21	13°42	19°13	3°42	20° 9	25°56	21°15	24° 9	1°26	2°35	4°29	n.a.	F 23
S 24	11 14 40	20°21'23	12♏27	29°27	14°53	19°58	3°50	20° 6	25°59	21°17	24° 9	1°22	2°32	4°36	n.a.	S 24
S 25	11 18 37	21°19'17	26°10	1♈31	16° 4	20°43	3°58	20° 2	26° 2	21°19	24°10	1°D21	2°29	4°42	n.a.	S 25
M26	11 22 33	22°17'10	9♐26	3°34	17°15	21°29	4° 5	19°59	26° 5	21°21	24°10	1°21	2°26	4°49	n.a.	M26
T 27	11 26 30	23°15'01	22°16	5°34	18°26	22°14	4°13	19°55	26° 8	21°23	24°10	1°R22	2°22	4°56	n.a.	T 27
W28	11 30 26	24°12'51	4♑45	7°33	19°37	22°59	4°20	19°51	26°11	21°25	24°11	1°21	2°19	5° 3	n.a.	W28
T 29	11 34 23	25°10'39	16°59	9°29	20°48	23°45	4°27	19°48	26°14	21°27	24°11	1°19	2°16	5° 9	n.a.	T 29
F 30	11 38 20	26° 8'26	29° 2	11°22	21°59	24°30	4°34	19°44	26°18	21°29	24°11	1°14	2°13	5°16	n.a.	F 30
S 31	11 42 16	27♓ 6'11	10♒57	13♈12	23♒10	25♒15	4♑41	19♎40	26♒21	21♒31	24♐11	1♐ 7	2♐10	5♓23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12s22	20s50	2n47	19s21	2s11	22s36	0n 3	21s 7	1s10	24s13	0s21	6s 2	2n33	14s14	0s45	16s18	1s27	29s 9	5s27	21s22	21s16	6s 9			n.a.
F 2	12 2	18 47	3 36	18 47	2 9	22 30	0s 1	20 56	1 10	24 13	0 21	6 1	2 33	14 12	0 45	16 17	1 27	29 10	5 27	21 21	21 16	6 6			n.a.
S 3	11 41	15 56	4 15	18 12	2 6	22 23	0 5	20 45	1 10	24 13	0 21	6 0	2 33	14 11	0 45	16 16	1 27	29 10	5 27	21 19	21 15	6 4			n.a.
S 4	11 20	12 27	4 42	17 34	2 3	22 16	0 8	20 34	1 10	24 13	0 21	5 59	2 33	14 10	0 45	16 15	1 27	29 10	5 27	21 17	21 15	6 2			n.a.
M 5	10 59	8 30	4 57	16 55	1 59	22 8	0 12	20 23	1 10	24 13	0 22	5 58	2 33	14 9	0 45	16 15	1 27	29 10	5 27	21 14	21 14	5 59			n.a.
T 6	10 37	4 14	4 58	16 13	1 55	21 59	0 15	20 11	1 11	24 13	0 22	5 57	2 34	14 8	0 45	16 14	1 27	29 11	5 28	21 11	21 13	5 57			n.a.
W 7	10 16	0n11	4 47	15 30	1 51	21 50	0 19	19 59	1 11	24 13	0 22	5 56	2 34	14 7	0 45	16 13	1 27	29 11	5 28	21 8	21 13	5 54			n.a.
T 8	9 54	4 36	4 24	14 45	1 45	21 40	0 22	19 48	1 11	24 13	0 22	5 55	2 34	14 5	0 45	16 13	1 27	29 11	5 28	21 6	21 12	5 52			n.a.
F 9	9 32	8 52	3 48	13 58	1 40	21 30	0 25	19 36	1 11	24 13	0 22	5 54	2 34	14 4	0 45	16 12	1 27	29 11	5 28	21 4	21 11	5 49			n.a.
S 10	9 10	12 50	3 2	13 9	1 33	21 19	0 29	19 23	1 11	24 14	0 23	5 53	2 34	14 3	0 45	16 11	1 27	29 12	5 29	21 2	21 11	5 47			n.a.
S 11	8 48	16 19	2 7	12 18	1 26	21 7	0 32	19 11	1 11	24 14	0 23	5 52	2 34	14 2	0 45	16 11	1 27	29 12	5 29	21 2	21 10	5 45			n.a.
M12	8 26	19 8	1 5	11 26	1 19	20 55	0 35	18 58	1 12	24 14	0 23	5 51	2 35	14 1	0 45	16 10	1 27	29 12	5 29	21 1	21 10	5 42			n.a.
T 13	8 4	21 4	0s 2	10 32	1 11	20 42	0 38	18 45	1 12	24 14	0 23	5 50	2 35	14 0	0 45	16 9	1 27	29 12	5 29	21 1	21 9	5 40			n.a.
W14	7 41	21 56	1 11	9 37	1 3	20 29	0 41	18 32	1 12	24 14	0 23	5 48	2 35	13 59	0 45	16 8	1 27	29 13	5 29	21 1	21 8	5 37			n.a.
T 15	7 19	21 34	2 18	8 41	0 54	20 15	0 44	18 19	1 12	24 14	0 23	5 47	2 35	13 57	0 45	16 8	1 27	29 13	5 30	21 1	21 8	5 35			n.a.
F 16	6 56	19 52	3 19	7 43	0 44	20 0	0 47	18 6	1 12	24 14	0 24	5 46	2 35	13 56	0 45	16 7	1 27	29 13	5 30	21 0	21 7	5 32			n.a.
S 17	6 34	16 53	4 9	6 44	0 35	19 45	0 50	17 52	1 12	24 14	0 24	5 45	2 35	13 55	0 45	16 6	1 27	29 13	5 30	20 59	21 7	5 30			n.a.
S 18	6 11	12 44	4 44	5 44	0 25	19 29	0 52	17 39	1 12	24 14	0 24	5 43	2 35	13 54	0 45	16 6	1 27	29 14	5 30	20 58	21 6	5 27			n.a.
M19	5 48	7 43	5 0	4 43	0 14	19 13	0 55	17 25	1 12	24 14	0 24	5 42	2 35	13 53	0 45	16 5	1 27	29 14	5 31	20 56	21 5	5 25			n.a.
T 20	5 25	2 10	4 55	3 42	0 4	18 56	0 58	17 11	1 12	24 14	0 24	5 41	2 36	13 52	0 45	16 4	1 27	29 14	5 31	20 54	21 5	5 23			n.a.
W21	5 2	3s30	4 29	2 41	0n 7	18 39	1 0	16 57	1 12	24 14	0 25	5 39	2 36	13 51	0 45	16 4	1 27	29 14	5 31	20 52	21 4	5 20			n.a.
T 22	4 39	8 53	3 45	1 39	0 18	18 21	1 3	16 42	1 12	24 14	0 25	5 38	2 36	13 50	0 45	16 3	1 27	29 15	5 31	20 50	21 3	5 18			n.a.
F 23	4 16	13 37	2 46	0 38	0 29	18 3	1 5	16 28	1 12	24 14	0 25	5 37	2 36	13 49	0 45	16 3	1 27	29 15	5 31	20 49	21 3	5 15			n.a.
S 24	3 53	17 24	1 39	0n23	0 40	17 44	1 7	16 14	1 12	24 14	0 25	5 35	2 36	13 48	0 45	16 2	1 27	29 15	5 32	20 48	21 2	5 13			n.a.
S 25	3 30	20 5	0 27	1 23	0 50	17 24	1 10	15 59	1 12	24 14	0 25	5 34	2 36	13 46	0 45	16 1	1 27	29 15	5 32	20 48	21 1	5 10			n.a.
M26	3 7	21 33	0n43	2 22	1 1	17 5	1 12	15 44	1 12	24 13	0 26	5 32	2 36	13 45	0 45	16 1	1 27	29 16	5 32	20 48	21 1	5 8			n.a.
T 27	2 44	21 49	1 49	3 20	1 11	16 44	1 14	15 29	1 12	24 13	0 26	5 31	2 36	13 44	0 45	16 0	1 27	29 16	5 32	20 48	21 0	5 6			n.a.
W28	2 20	20 59	2 48	4 17	1 21	16 24	1 16	15 14	1 12	24 13	0 26	5 29	2 36	13 43	0 45	15 59	1 27	29 16	5 33	20 48	21 0	5 3			n.a.
T 29	1 57	19 10	3 38	5 12	1 31	16 2	1 18	14 59	1 12	24 13	0 26	5 28	2 37	13 42	0 46	15 59	1 27	29 16	5 33	20 47	20 59	5 1			n.a.
F 30	1 34	16 31	4 17	6 6	1 40	15 41	1 20	14 43	1 12	24 13	0 26	5 26	2 37	13 41	0 46	15 58	1 27	29 17	5 33	20 46	20 58	4 58			n.a.
S 31	1s10	13s14	4n45	6n57	1n48	15s19	1s21	14s28	1s12	24s13	0s27	5s25	2n37	13s40	0s46	15s58	1s28	29s17	5s33	20s45	20s58	4s56			n.a.

Julian Day Number = 1198444.5, Delta T = 09h25m00s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'55, Lahiri = -23°42'55 Julian Calendar 1 March 1432 BCE == Greg. Calendar 16 Feb. 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

APRIL 1432 BCE (-1431) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 46 13	28♓ 3'55	22♒49	14♈59	24♒22	26♒ 0	4♉48	19°R36	26♒24	21♒33	24♐11	0°R58	2♐ 7	5♓29	n.a.	S 1
M 2	11 50 9	29° 1'38	4♓40	16°44	25°33	26°45	4°55	19♎32	26°27	21°35	24°12	0♐47	2° 3	5°36	n.a.	M 2
T 3	11 54 6	29°59'20	16°33	18°25	26°44	27°30	5° 1	19°28	26°30	21°37	24°12	0°35	2° 0	5°43	n.a.	T 3
W 4	11 58 2	0♈56'59	28°29	20° 2	27°56	28°15	5° 7	19°24	26°33	21°38	24°12	0°24	1°57	5°50	n.a.	W 4
T 5	12 1 59	1°54'38	10♈29	21°37	29° 7	29° 0	5°13	19°20	26°36	21°40	24°12	0°14	1°54	5°56	n.a.	T 5
F 6	12 5 55	2°52'15	22°36	23° 7	0♓19	29°45	5°19	19°16	26°38	21°42	24°12	0° 6	1°51	6° 3	n.a.	F 6
S 7	12 9 52	3°49'50	4♉50	24°35	1°30	0♓29	5°25	19°12	26°41	21°44	24°12	0° 1	1°47	6°10	n.a.	S 7
S 8	12 13 49	4°47'24	17°14	25°58	2°41	1°14	5°31	19° 8	26°44	21°46	24°R12	29♏58	1°44	6°16	n.a.	S 8
M 9	12 17 45	5°44'57	29°49	27°19	3°53	1°59	5°36	19° 4	26°47	21°47	24°12	29°D57	1°41	6°23	n.a.	M 9
T 10	12 21 42	6°42'28	12♊39	28°35	5° 4	2°43	5°41	18°59	26°50	21°49	24°12	29°57	1°38	6°30	n.a.	T 10
W11	12 25 38	7°39'57	25°47	29°48	6°16	3°28	5°47	18°55	26°53	21°51	24°12	29°58	1°35	6°37	n.a.	W11
T 12	12 29 35	8°37'25	9♋15	0♉57	7°28	4°12	5°51	18°51	26°55	21°53	24°12	29°R59	1°32	6°43	n.a.	T 12
F 13	12 33 31	9°34'52	23° 6	2° 2	8°39	4°57	5°56	18°46	26°58	21°54	24°12	29°58	1°28	6°50	n.a.	F 13
S 14	12 37 28	10°32'17	7♌20	3° 3	9°51	5°41	6° 1	18°42	27° 1	21°56	24°12	29°55	1°25	6°57	n.a.	S 14
S 15	12 41 24	11°29'40	21°56	4° 0	11° 3	6°26	6° 5	18°38	27° 3	21°58	24°11	29°51	1°22	7° 4	n.a.	S 15
M16	12 45 21	12°27'02	6♍48	4°53	12°14	7°10	6°10	18°33	27° 6	21°59	24°11	29°45	1°19	7°10	n.a.	M16
T 17	12 49 18	13°24'22	21°51	5°42	13°26	7°54	6°14	18°29	27° 9	22° 1	24°11	29°38	1°16	7°17	n.a.	T 17
W18	12 53 14	14°21'42	6♎54	6°27	14°38	8°38	6°18	18°25	27°11	22° 2	24°11	29°31	1°12	7°24	n.a.	W18
T 19	12 57 11	15°19'00	21°49	7° 8	15°49	9°22	6°21	18°20	27°14	22° 4	24°10	29°26	1° 9	7°30	n.a.	T 19
F 20	13 1 7	16°16'17	6♏26	7°44	17° 1	10° 6	6°25	18°16	27°16	22° 5	24°10	29°22	1° 6	7°37	n.a.	F 20
S 21	13 5 4	17°13'34	20°40	8°16	18°13	10°50	6°28	18°12	27°19	22° 7	24°10	29°20	1° 3	7°44	n.a.	S 21
S 22	13 9 0	18°10'49	4♐27	8°44	19°25	11°34	6°32	18° 7	27°21	22° 8	24° 9	29°D20	1° 0	7°51	n.a.	S 22
M23	13 12 57	19° 8'05	17°47	9° 7	20°37	12°18	6°35	18° 3	27°24	22°10	24° 9	29°21	0°57	7°57	n.a.	M23
T 24	13 16 53	20° 5'19	0♑43	9°25	21°49	13° 2	6°38	17°58	27°26	22°11	24° 9	29°22	0°53	8° 4	n.a.	T 24
W25	13 20 50	21° 2'33	13°16	9°39	23° 1	13°46	6°40	17°54	27°28	22°13	24° 8	29°24	0°50	8°11	n.a.	W25
T 26	13 24 47	21°59'46	25°33	9°48	24°13	14°29	6°43	17°50	27°31	22°14	24° 8	29°R24	0°47	8°17	n.a.	T 26
F 27	13 28 43	22°56'59	7♒37	9°52	25°25	15°13	6°45	17°45	27°33	22°15	24° 7	29°23	0°44	8°24	n.a.	F 27
S 28	13 32 40	23°54'11	19°32	9°R53	26°37	15°57	6°47	17°41	27°35	22°17	24° 7	29°20	0°41	8°31	n.a.	S 28
S 29	13 36 36	24°51'22	1♓24	9°48	27°49	16°40	6°49	17°37	27°37	22°18	24° 6	29°16	0°38	8°38	n.a.	S 29
M30	13 40 33	25♈48'33	13♓16	9♉39	29♓ 1	17♓24	6♉51	17♎32	27♒39	22♒19	24♐ 6	29♏11	0♐34	8♓44	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s47	9s26	5n 0	7n47	1n56	14s56	1s23	14s12	1s12	24s13	0s27	5s23	2n37	13s39	0s46	15s57	1s28	29s17	5s34	20s43	20s57	4s54		n.a.
M 2	0 24	5 17	5 2	8 35	2 4	14 33	1 25	13 57	1 12	24 13	0 27	5 22	2 37	13 38	0 46	15 56	1 28	29 17	5 34	20 40	20 56	4 51		n.a.
T 3	0 0	0 56	4 52	9 21	2 10	14 10	1 26	13 41	1 12	24 13	0 27	5 20	2 37	13 37	0 46	15 56	1 28	29 18	5 34	20 38	20 56	4 49		n.a.
W 4	0n23	3n28	4 28	10 4	2 16	13 47	1 28	13 25	1 12	24 13	0 27	5 18	2 37	13 36	0 46	15 55	1 28	29 18	5 34	20 36	20 55	4 46		n.a.
T 5	0 46	7 46	3 52	10 45	2 22	13 23	1 29	13 9	1 12	24 13	0 28	5 17	2 37	13 35	0 46	15 55	1 28	29 18	5 34	20 34	20 54	4 44		n.a.
F 6	1 10	11 49	3 6	11 24	2 26	12 58	1 31	12 53	1 12	24 13	0 28	5 15	2 37	13 34	0 46	15 54	1 28	29 18	5 35	20 32	20 54	4 41		n.a.
S 7	1 33	15 24	2 10	12 0	2 30	12 33	1 32	12 37	1 12	24 13	0 28	5 14	2 37	13 33	0 46	15 53	1 28	29 19	5 35	20 31	20 53	4 39		n.a.
S 8	1 56	18 21	1 8	12 34	2 33	12 8	1 33	12 21	1 12	24 13	0 28	5 12	2 37	13 32	0 46	15 53	1 28	29 19	5 35	20 30	20 52	4 37		n.a.
M 9	2 19	20 29	0 1	13 6	2 35	11 43	1 34	12 4	1 12	24 13	0 29	5 10	2 37	13 31	0 46	15 52	1 28	29 19	5 35	20 30	20 52	4 34		n.a.
T 10	2 42	21 36	1s 8	13 36	2 37	11 17	1 35	11 48	1 12	24 13	0 29	5 9	2 37	13 30	0 46	15 52	1 28	29 19	5 36	20 30	20 51	4 32		n.a.
W11	3 6	21 33	2 14	14 2	2 37	10 51	1 36	11 31	1 12	24 13	0 29	5 7	2 37	13 29	0 46	15 51	1 28	29 19	5 36	20 30	20 50	4 29		n.a.
T 12	3 29	20 17	3 15	14 27	2 37	10 25	1 37	11 15	1 12	24 13	0 29	5 5	2 37	13 28	0 46	15 51	1 28	29 20	5 36	20 30	20 50	4 27		n.a.
F 13	3 52	17 48	4 6	14 49	2 36	9 58	1 38	10 58	1 12	24 13	0 29	5 4	2 37	13 27	0 46	15 50	1 28	29 20	5 36	20 30	20 49	4 24		n.a.
S 14	4 15	14 11	4 44	15 9	2 34	9 32	1 38	10 41	1 11	24 13	0 30	5 2	2 37	13 26	0 46	15 50	1 28	29 20	5 37	20 29	20 49	4 22		n.a.
S 15	4 37	9 39	5 5	15 26	2 31	9 5	1 39	10 25	1 11	24 13	0 30	5 0	2 37	13 26	0 46	15 49	1 28	29 20	5 37	20 29	20 48	4 20		n.a.
M16	5 0	4 27	5 5	15 41	2 27	8 37	1 40	10 8	1 11	24 13	0 30	4 59	2 37	13 25	0 46	15 49	1 28	29 21	5 37	20 27	20 47	4 17		n.a.
T 17	5 23	1s 4	4 45	15 53	2 22	8 10	1 40	9 51	1 11	24 13	0 30	4 57	2 37	13 24	0 46	15 48	1 28	29 21	5 37	20 26	20 47	4 15		n.a.
W18	5 46	6 31	4 5	16 3	2 16	7 42	1 41	9 34	1 11	24 13	0 31	4 55	2 37	13 23	0 46	15 48	1 28	29 21	5 37	20 24	20 46	4 12		n.a.
T 19	6 8	11 33	3 9	16 10	2 10	7 14	1 41	9 17	1 11	24 13	0 31	4 54	2 37	13 22	0 46	15 47	1 28	29 21	5 38	20 23	20 45	4 10		n.a.
F 20	6 30	15 48	2 1	16 16	2 2	6 46	1 41	9 0	1 11	24 13	0 31	4 52	2 37	13 21	0 46	15 47	1 28	29 21	5 38	20 22	20 45	4 7		n.a.
S 21	6 53	18 59	0 47	16 18	1 54	6 17	1 41	8 43	1 10	24 13	0 31	4 50	2 37	13 20	0 46	15 46	1 28	29 22	5 38	20 22	20 44	4 5		n.a.
S 22	7 15	20 57	0n28	16 18	1 45	5 49	1 41	8 26	1 10	24 13	0 32	4 49	2 37	13 19	0 46	15 46	1 28	29 22	5 38	20 22	20 43	4 3		n.a.
M23	7 37	21 39	1 39	16 16	1 34	5 20	1 41	8 8	1 10	24 13	0 32	4 47	2 37	13 19	0 46	15 46	1 29	29 22	5 39	20 22	20 43	4 0		n.a.
T 24	7 59	21 10	2 42	16 12	1 23	4 51	1 41	7 51	1 10	24 14	0 32	4 45	2 37	13 18	0 46	15 45	1 29	29 22	5 39	20 22	20 42	3 58		n.a.
W25	8 21	19 36	3 36	16 5	1 11	4 22	1 41	7 34	1 10	24 14	0 32	4 44	2 37	13 17	0 46	15 45	1 29	29 22	5 39	20 23	20 41	3 55		n.a.
T 26	8 43	17 10	4 19	15 56	0 58	3 53	1 41	7 17	1 9	24 14	0 33	4 42	2 37	13 16	0 46	15 44	1 29	29 23	5 39	20 23	20 41	3 53		n.a.
F 27	9 5	14 2	4 49	15 44	0 45	3 23	1 41	6 59	1 9	24 14	0 33	4 40	2 37	13 16	0 46	15 44	1 29	29 23	5 39	20 22	20 40	3 51		n.a.
S 28	9 26	10 22	5 7	15 31	0 31	2 54	1 40	6 42	1 9	24 14	0 33	4 39	2 37	13 15	0 46	15 44	1 29	29 23	5 40	20 22	20 39	3 48		n.a.
S 29	9 47	6 20	5 11	15 15	0 16	2 24	1 40	6 24	1 9	24 14	0 33	4 37	2 37	13 14	0 46	15 43	1 29	29 23	5 40	20 21	20 39	3 46		n.a.
M30	10n 9	2s 3	5n 2	14n58	0n 0	1s55	1s39	6s 7	1s 9	24s14	0s34	4s36	2n37	13s13	0s46	15s43	1s29	29s23	5s40	20s20	20s38	3s43		n.a.

Julian Day Number = 1198475.5, Delta T = 09h24m58s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'51, Lahiri = -23°42'51 Julian Calendar 1 Apr. 1432 BCE == Greg. Calendar 19 March 1432 BCE

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

MAY 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 44 29	26♈45'44	25♓12	9°R27	0♈13	18♓ 7	6♉52	17°R28	27♒42	22♒20	24°R 5	29°R 5	0♐31	8♓51	n.a.	T 1
W 2	13 48 26	27°42'54	7♈13	9♉10	1°25	18°50	6°54	17♎24	27°44	22°21	24♐ 4	28♏59	0°28	8°58	n.a.	W 2
T 3	13 52 22	28°40'03	19°22	8°49	2°38	19°34	6°55	17°19	27°46	22°23	24° 4	28°55	0°25	9° 5	n.a.	T 3
F 4	13 56 19	29°37'12	1♉40	8°25	3°50	20°17	6°56	17°15	27°48	22°24	24° 3	28°51	0°22	9°11	n.a.	F 4
S 5	14 0 16	0♉34'21	14° 9	7°59	5° 2	21° 0	6°57	17°11	27°50	22°25	24° 2	28°49	0°18	9°18	n.a.	S 5
S 6	14 4 12	1°31'29	26°49	7°29	6°14	21°43	6°57	17° 7	27°52	22°26	24° 2	28°D48	0°15	9°25	n.a.	S 6
M 7	14 8 9	2°28'36	9♊41	6°58	7°27	22°26	6°58	17° 2	27°54	22°27	24° 1	28°48	0°12	9°31	n.a.	M 7
T 8	14 12 5	3°25'43	22°47	6°25	8°39	23° 9	6°58	16°58	27°55	22°28	24° 0	28°49	0° 9	9°38	n.a.	T 8
W 9	14 16 2	4°22'49	6♋ 7	5°51	9°51	23°52	6°R58	16°54	27°57	22°29	23°59	28°51	0° 6	9°45	n.a.	W 9
T 10	14 19 58	5°19'55	19°43	5°17	11° 4	24°35	6°58	16°50	27°59	22°30	23°59	28°52	0° 3	9°52	n.a.	T 10
F 11	14 23 55	6°17'00	3♌35	4°43	12°16	25°17	6°58	16°46	28° 1	22°31	23°58	28°R53	29♏59	9°58	n.a.	F 11
S 12	14 27 51	7°14'04	17°42	4° 9	13°28	26° 0	6°57	16°42	28° 2	22°32	23°57	28°52	29°56	10° 5	n.a.	S 12
S 13	14 31 48	8°11'08	2♍ 3	3°37	14°41	26°43	6°56	16°38	28° 4	22°33	23°56	28°51	29°53	10°12	n.a.	S 13
M14	14 35 45	9° 8'11	16°35	3° 7	15°53	27°25	6°55	16°34	28° 6	22°33	23°55	28°49	29°50	10°19	n.a.	M14
T 15	14 39 41	10° 5'14	1♎14	2°39	17° 6	28° 8	6°54	16°30	28° 7	22°34	23°54	28°47	29°47	10°25	n.a.	T 15
W16	14 43 38	11° 2'16	15°52	2°14	18°18	28°50	6°53	16°27	28° 9	22°35	23°53	28°45	29°43	10°32	n.a.	W16
T 17	14 47 34	11°59'18	0♏25	1°53	19°31	29°32	6°52	16°23	28°10	22°36	23°52	28°43	29°40	10°39	n.a.	T 17
F 18	14 51 31	12°56'20	14°45	1°35	20°43	0♈15	6°50	16°19	28°11	22°36	23°51	28°42	29°37	10°45	n.a.	F 18
S 19	14 55 27	13°53'22	28°48	1°21	21°56	0°57	6°48	16°16	28°13	22°37	23°51	28°D41	29°34	10°52	n.a.	S 19
S 20	14 59 24	14°50'24	12♐29	1°12	23° 9	1°39	6°46	16°12	28°14	22°38	23°50	28°42	29°31	10°59	n.a.	S 20
M21	15 3 21	15°47'27	25°48	1° 7	24°21	2°21	6°44	16° 8	28°15	22°38	23°49	28°42	29°28	11° 6	n.a.	M21
T 22	15 7 17	16°44'29	8♉44	1°D 6	25°34	3° 3	6°41	16° 5	28°17	22°39	23°48	28°44	29°24	11°12	n.a.	T 22
W23	15 11 14	17°41'32	21°20	1°11	26°47	3°45	6°39	16° 2	28°18	22°40	23°46	28°45	29°21	11°19	n.a.	W23
T 24	15 15 10	18°38'35	3♒40	1°20	27°59	4°27	6°36	15°58	28°19	22°40	23°45	28°45	29°18	11°26	n.a.	T 24
F 25	15 19 7	19°35'39	15°46	1°35	29°12	5° 9	6°33	15°55	28°20	22°41	23°44	28°R46	29°15	11°32	n.a.	F 25
S 26	15 23 3	20°32'42	27°43	1°54	0♉25	5°50	6°30	15°52	28°21	22°41	23°43	28°46	29°12	11°39	n.a.	S 26
S 27	15 27 0	21°29'47	9♓37	2°19	1°38	6°32	6°26	15°49	28°22	22°41	23°42	28°45	29° 9	11°46	n.a.	S 27
M28	15 30 56	22°26'52	21°30	2°48	2°51	7°14	6°23	15°45	28°23	22°42	23°41	28°45	29° 5	11°53	n.a.	M28
T 29	15 34 53	23°23'57	3♈28	3°23	4° 4	7°55	6°19	15°42	28°24	22°42	23°40	28°44	29° 2	11°59	n.a.	T 29
W30	15 38 50	24°21'03	15°34	4° 3	5°17	8°37	6°15	15°39	28°25	22°43	23°39	28°43	28°59	12° 6	n.a.	W30
T 31	15 42 46	25♉18'09	27♈51	4♉47	6♉30	9♈18	6♉11	15♎37	28♒26	22♒43	23♐38	28♏43	28♏56	12♓13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	10n30	2n19	4n40	14n38	0s16	1s25	1s39	5s49	1s 8	24s15	0s34	4s34	2n37	13s13	0s46	15s43	1s29	29s24	5s40	20s18	20s37	3s41			n.a.
W 2	10 51	6 39	4 5	14 17	0 32	0 55	1 38	5 32	1 8	24 15	0 34	4 32	2 37	13 12	0 46	15 42	1 29	29 24	5 41	20 17	20 36	3 38			n.a.
T 3	11 11	10 46	3 19	13 55	0 49	0 25	1 37	5 14	1 8	24 15	0 34	4 31	2 36	13 11	0 46	15 42	1 29	29 24	5 41	20 16	20 36	3 36			n.a.
F 4	11 32	14 30	2 23	13 31	1 6	0n 4	1 37	4 57	1 8	24 15	0 34	4 29	2 36	13 11	0 46	15 42	1 29	29 24	5 41	20 15	20 35	3 34			n.a.
S 5	11 52	17 38	1 19	13 7	1 23	0 34	1 36	4 39	1 7	24 15	0 35	4 28	2 36	13 10	0 46	15 41	1 29	29 24	5 41	20 15	20 34	3 31			n.a.
S 6	12 13	19 58	0 11	12 41	1 39	1 4	1 35	4 22	1 7	24 15	0 35	4 26	2 36	13 9	0 47	15 41	1 29	29 24	5 41	20 15	20 34	3 29			n.a.
M 7	12 33	21 19	0s59	12 16	1 56	1 34	1 34	4 4	1 7	24 16	0 35	4 25	2 36	13 9	0 47	15 41	1 29	29 25	5 42	20 15	20 33	3 26			n.a.
T 8	12 53	21 32	2 8	11 50	2 11	2 4	1 33	3 47	1 6	24 16	0 36	4 23	2 36	13 8	0 47	15 40	1 29	29 25	5 42	20 15	20 32	3 24			n.a.
W 9	13 12	20 32	3 11	11 24	2 27	2 34	1 32	3 29	1 6	24 16	0 36	4 22	2 36	13 7	0 47	15 40	1 29	29 25	5 42	20 15	20 32	3 22			n.a.
T 10	13 32	18 21	4 4	10 59	2 41	3 4	1 31	3 12	1 6	24 16	0 36	4 20	2 36	13 7	0 47	15 40	1 29	29 25	5 42	20 16	20 31	3 19			n.a.
F 11	13 51	15 5	4 45	10 35	2 55	3 34	1 29	2 54	1 6	24 17	0 36	4 19	2 36	13 6	0 47	15 40	1 29	29 25	5 42	20 16	20 30	3 17			n.a.
S 12	14 10	10 54	5 9	10 11	3 8	4 3	1 28	2 37	1 5	24 17	0 37	4 17	2 35	13 6	0 47	15 39	1 30	29 25	5 43	20 16	20 30	3 14			n.a.
S 13	14 29	6 3	5 14	9 50	3 19	4 33	1 27	2 19	1 5	24 17	0 37	4 16	2 35	13 5	0 47	15 39	1 30	29 26	5 43	20 15	20 29	3 12			n.a.
M14	14 48	0 47	5 0	9 30	3 30	5 3	1 25	2 2	1 5	24 18	0 37	4 15	2 35	13 5	0 47	15 39	1 30	29 26	5 43	20 15	20 28	3 10			n.a.
T 15	15 6	4s33	4 26	9 11	3 39	5 32	1 24	1 44	1 4	24 18	0 37	4 13	2 35	13 4	0 47	15 39	1 30	29 26	5 43	20 14	20 28	3 7			n.a.
W16	15 24	9 39	3 35	8 56	3 46	6 2	1 22	1 27	1 4	24 18	0 38	4 12	2 35	13 4	0 47	15 38	1 30	29 26	5 43	20 14	20 27	3 5			n.a.
T 17	15 42	14 9	2 30	8 42	3 53	6 31	1 21	1 9	1 4	24 19	0 38	4 11	2 35	13 3	0 47	15 38	1 30	29 26	5 44	20 14	20 26	3 2			n.a.
F 18	16 0	17 46	1 16	8 31	3 58	7 0	1 19	0 52	1 3	24 19	0 38	4 9	2 35	13 3	0 47	15 38	1 30	29 26	5 44	20 13	20 26	3 0			n.a.
S 19	16 17	20 14	0n 1	8 23	4 2	7 30	1 18	0 35	1 3	24 19	0 38	4 8	2 34	13 2	0 47	15 38	1 30	29 26	5 44	20 13	20 25	2 58			n.a.
S 20	16 34	21 27	1 16	8 17	4 4	7 59	1 16	0 17	1 2	24 20	0 39	4 7	2 34	13 2	0 47	15 38	1 30	29 27	5 44	20 13	20 24	2 55			n.a.
M21	16 51	21 23	2 24	8 14	4 5	8 27	1 14	0n 0	1 2	24 20	0 39	4 6	2 34	13 1	0 47	15 38	1 30	29 27	5 44	20 13	20 23	2 53			n.a.
T 22	17 8	20 11	3 24	8 15	4 5	8 56	1 12	0 18	1 2	24 20	0 39	4 4	2 34	13 1	0 47	15 37	1 30	29 27	5 44	20 14	20 23	2 50			n.a.
W23	17 24	17 59	4 12	8 17	4 3	9 24	1 11	0 35	1 1	24 21	0 39	4 3	2 34	13 1	0 47	15 37	1 30	29 27	5 45	20 14	20 22	2 48			n.a.
T 24	17 41	15 2	4 47	8 23	4 1	9 53	1 9	0 52	1 1	24 21	0 40	4 2	2 34	13 0	0 47	15 37	1 30	29 27	5 45	20 14	20 21	2 46			n.a.
F 25	17 56	11 29	5 9	8 32	3 57	10 21	1 7	1 9	1 1	24 22	0 40	4 1	2 33	13 0	0 47	15 37	1 30	29 27	5 45	20 14	20 21	2 43			n.a.
S 26	18 12	7 32	5 17	8 43	3 53	10 49	1 5	1 26	1 0	24 22	0 40	4 0	2 33	12 59	0 47	15 37	1 30	29 27	5 45	20 14	20 20	2 41			n.a.
S 27	18 27	3 19	5 11	8 57	3 47	11 16	1 3	1 44	1 0	24 22	0 40	3 59	2 33	12 59	0 47	15 37	1 30	29 27	5 45	20 14	20 19	2 38			n.a.
M28	18 42	1n 2	4 52	9 13	3 40	11 44	1 1	2 1	0 59	24 23	0 41	3 58	2 33	12 59	0 47	15 37	1 30	29 27	5 45	20 14	20 19	2 36			n.a.
T 29	18 57	5 22	4 20	9 32	3 33	12 11	0 59	2 18	0 59	24 23	0 41	3 57	2 33	12 59	0 47	15 37	1 31	29 28	5 46	20 14	20 18	2 34			n.a.
W30	19 11	9 33	3 37	9 53	3 25	12 38	0 56	2 35	0 58	24 24	0 41	3 56	2 32	12 58	0 47	15 37	1 31	29 28	5 46	20 14	20 17	2 31			n.a.
T 31	19n26	13n25	2n43	10n17	3s16	13n 4	0s54	2n52	0s58	24s24	0s41	3s55	2n32	12s58	0s47	15s37	1s31	29s28	5s46	20s13	20s16	2s29			n.a.

Julian Day Number = 1198505.5, Delta T = 09h24m56s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'47, Lahiri = -23°42'46 Julian Calendar 1 May 1432 BCE == Greg. Calendar 18 Apr. 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

JUNE 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 46 43	26♉15'16	10♉21	5♉36	7♉43	9♈59	6°R 7	15°R34	28♒27	22♒43	23°R36	28°R43	28♏53	12♓19	n.a.	F 1
S 2	15 50 39	27°12'24	23° 6	6°31	8°56	10°41	6♑ 3	15♎31	28°27	22°43	23♐35	28°D42	28°49	12°26	n.a.	S 2
S 3	15 54 36	28° 9'32	6♊ 6	7°29	10° 9	11°22	5°58	15°28	28°28	22°44	23°34	28♏42	28°46	12°33	n.a.	S 3
M 4	15 58 32	29° 6'40	19°21	8°33	11°22	12° 3	5°53	15°26	28°29	22°44	23°33	28°R42	28°43	12°40	n.a.	M 4
T 5	16 2 29	0♊ 3'49	2♋51	9°41	12°35	12°44	5°49	15°23	28°29	22°44	23°31	28°42	28°40	12°46	n.a.	T 5
W 6	16 6 26	1° 0'59	16°33	10°54	13°48	13°25	5°44	15°21	28°30	22°44	23°30	28°42	28°37	12°53	n.a.	W 6
T 7	16 10 22	1°58'08	0♌27	12°11	15° 1	14° 6	5°38	15°18	28°30	22°44	23°29	28°42	28°34	13° 0	n.a.	T 7
F 8	16 14 19	2°55'18	14°29	13°33	16°14	14°46	5°33	15°16	28°31	22°R44	23°28	28°42	28°30	13° 7	n.a.	F 8
S 9	16 18 15	3°52'29	28°39	14°59	17°28	15°27	5°28	15°14	28°31	22°44	23°26	28°D41	28°27	13°13	n.a.	S 9
S 10	16 22 12	4°49'39	12♍53	16°29	18°41	16° 8	5°22	15°12	28°31	22°44	23°25	28°41	28°24	13°20	n.a.	S 10
M11	16 26 8	5°46'50	27°10	18° 3	19°54	16°48	5°16	15°10	28°32	22°44	23°24	28°42	28°21	13°27	n.a.	M11
T 12	16 30 5	6°44'02	11♎25	19°41	21° 7	17°29	5°10	15° 8	28°32	22°44	23°23	28°42	28°18	13°33	n.a.	T 12
W13	16 34 1	7°41'14	25°37	21°23	22°21	18° 9	5° 4	15° 6	28°32	22°44	23°21	28°43	28°15	13°40	n.a.	W13
T 14	16 37 58	8°38'27	9♏42	23° 8	23°34	18°49	4°58	15° 4	28°32	22°44	23°20	28°44	28°11	13°47	n.a.	T 14
F 15	16 41 55	9°35'40	23°37	24°57	24°47	19°30	4°52	15° 3	28°32	22°43	23°19	28°R44	28° 8	13°54	n.a.	F 15
S 16	16 45 51	10°32'55	7♐18	26°49	26° 1	20°10	4°45	15° 1	28°32	22°43	23°17	28°44	28° 5	14° 0	n.a.	S 16
S 17	16 49 48	11°30'10	20°44	28°43	27°14	20°50	4°39	15° 0	28°R32	22°43	23°16	28°43	28° 2	14° 7	n.a.	S 17
M18	16 53 44	12°27'26	3♑52	0♊40	28°28	21°30	4°32	14°58	28°32	22°43	23°15	28°42	27°59	14°14	n.a.	M18
T 19	16 57 41	13°24'44	16°43	2°39	29°41	22°10	4°26	14°57	28°32	22°42	23°13	28°40	27°55	14°20	n.a.	T 19
W20	17 1 37	14°22'02	29°17	4°40	0♊55	22°50	4°19	14°56	28°32	22°42	23°12	28°38	27°52	14°27	n.a.	W20
T 21	17 5 34	15°19'22	11♒36	6°42	2° 8	23°29	4°12	14°55	28°32	22°42	23°10	28°36	27°49	14°34	n.a.	T 21
F 22	17 9 31	16°16'43	23°42	8°46	3°22	24° 9	4° 5	14°54	28°32	22°41	23° 9	28°34	27°46	14°41	n.a.	F 22
S 23	17 13 27	17°14'05	5♓40	10°50	4°36	24°49	3°58	14°53	28°31	22°41	23° 8	28°33	27°43	14°47	n.a.	S 23
S 24	17 17 24	18°11'29	17°33	12°55	5°49	25°28	3°50	14°52	28°31	22°40	23° 6	28°D32	27°40	14°54	n.a.	S 24
M25	17 21 20	19° 8'54	29°27	14°59	7° 3	26° 7	3°43	14°51	28°31	22°40	23° 5	28°33	27°36	15° 1	n.a.	M25
T 26	17 25 17	20° 6'21	11♈26	17° 4	8°17	26°47	3°36	14°50	28°30	22°39	23° 4	28°34	27°33	15° 7	n.a.	T 26
W27	17 29 13	21° 3'49	23°34	19° 9	9°31	27°26	3°28	14°50	28°30	22°39	23° 2	28°35	27°30	15°14	n.a.	W27
T 28	17 33 10	22° 1'18	5♉55	21°13	10°45	28° 5	3°21	14°49	28°29	22°38	23° 1	28°37	27°27	15°21	n.a.	T 28
F 29	17 37 6	22°58'49	18°34	23°16	11°58	28°44	3°13	14°49	28°29	22°37	22°59	28°38	27°24	15°28	n.a.	F 29
S 30	17 41 3	23♊56'22	1♊32	25♊19	13♊12	29♈23	3♑ 5	14♎49	28♒28	22♒37	22♐58	28°R38	27♏21	15♓34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n39	16n46	1n40	10n42	3s 6	13n30	0s52	3n 9	0s58	24s25	0s42	3s54	2n32	12s58	0s47	15s37	1s31	29s28	5s46	20s13	20s16	2s26		n.a.
S 2	19 53	19 22	0 31	11 10	2 56	13 56	0 50	3 25	0 57	24 25	0 42	3 53	2 32	12 58	0 48	15 37	1 31	29 28	5 46	20 13	20 15	2 24		n.a.
S 3	20 6	21 2	0s41	11 39	2 45	14 22	0 48	3 42	0 57	24 25	0 42	3 52	2 32	12 57	0 48	15 37	1 31	29 28	5 46	20 13	20 14	2 22		n.a.
M 4	20 19	21 34	1 52	12 11	2 34	14 47	0 45	3 59	0 56	24 26	0 42	3 51	2 31	12 57	0 48	15 37	1 31	29 28	5 47	20 13	20 14	2 19		n.a.
T 5	20 31	20 52	2 58	12 44	2 22	15 12	0 43	4 16	0 56	24 26	0 43	3 51	2 31	12 57	0 48	15 37	1 31	29 28	5 47	20 13	20 13	2 17		n.a.
W 6	20 43	18 56	3 55	13 18	2 10	15 37	0 41	4 32	0 55	24 27	0 43	3 50	2 31	12 57	0 48	15 37	1 31	29 28	5 47	20 13	20 12	2 14		n.a.
T 7	20 55	15 52	4 39	13 54	1 58	16 1	0 38	4 49	0 55	24 27	0 43	3 49	2 31	12 57	0 48	15 37	1 31	29 28	5 47	20 13	20 11	2 12		n.a.
F 8	21 7	11 53	5 7	14 31	1 45	16 25	0 36	5 5	0 54	24 28	0 43	3 49	2 30	12 57	0 48	15 37	1 31	29 28	5 47	20 13	20 11	2 10		n.a.
S 9	21 18	7 12	5 17	15 9	1 32	16 48	0 34	5 22	0 54	24 28	0 44	3 48	2 30	12 57	0 48	15 37	1 31	29 29	5 47	20 13	20 10	2 7		n.a.
S 10	21 29	2 7	5 7	15 47	1 20	17 11	0 31	5 38	0 53	24 29	0 44	3 47	2 30	12 56	0 48	15 37	1 31	29 29	5 47	20 13	20 9	2 5		n.a.
M11	21 39	3s 6	4 39	16 27	1 7	17 34	0 29	5 54	0 53	24 29	0 44	3 47	2 30	12 56	0 48	15 37	1 31	29 29	5 47	20 13	20 9	2 2		n.a.
T 12	21 49	8 9	3 53	17 6	0 54	17 56	0 27	6 10	0 52	24 30	0 44	3 46	2 29	12 56	0 48	15 37	1 31	29 29	5 48	20 13	20 8	2 0		n.a.
W13	21 59	12 45	2 53	17 46	0 41	18 18	0 24	6 27	0 52	24 30	0 44	3 46	2 29	12 56	0 48	15 37	1 31	29 29	5 48	20 14	20 7	1 58		n.a.
T 14	22 8	16 36	1 43	18 26	0 28	18 39	0 22	6 43	0 51	24 31	0 45	3 45	2 29	12 56	0 48	15 37	1 31	29 29	5 48	20 14	20 6	1 55		n.a.
F 15	22 17	19 28	0 28	19 5	0 16	18 59	0 19	6 59	0 51	24 31	0 45	3 45	2 29	12 56	0 48	15 37	1 32	29 29	5 48	20 14	20 6	1 53		n.a.
S 16	22 25	21 8	0n47	19 43	0 4	19 20	0 17	7 14	0 50	24 32	0 45	3 44	2 29	12 56	0 48	15 37	1 32	29 29	5 48	20 14	20 5	1 51		n.a.
S 17	22 34	21 33	1 59	20 21	0n 8	19 39	0 14	7 30	0 50	24 32	0 45	3 44	2 28	12 56	0 48	15 38	1 32	29 29	5 48	20 14	20 4	1 48		n.a.
M18	22 41	20 46	3 2	20 58	0 19	19 59	0 12	7 46	0 49	24 32	0 46	3 44	2 28	12 56	0 48	15 38	1 32	29 29	5 48	20 13	20 4	1 46		n.a.
T 19	22 49	18 55	3 55	21 33	0 30	20 17	0 9	8 2	0 49	24 33	0 46	3 43	2 28	12 56	0 48	15 38	1 32	29 29	5 48	20 13	20 3	1 43		n.a.
W20	22 56	16 11	4 35	22 6	0 40	20 35	0 7	8 17	0 48	24 33	0 46	3 43	2 28	12 57	0 48	15 38	1 32	29 29	5 49	20 12	20 2	1 41		n.a.
T 21	23 2	12 47	5 2	22 37	0 50	20 53	0 4	8 33	0 47	24 34	0 46	3 43	2 27	12 57	0 48	15 38	1 32	29 29	5 49	20 12	20 1	1 39		n.a.
F 22	23 8	8 55	5 14	23 7	0 58	21 10	0 2	8 48	0 47	24 34	0 46	3 43	2 27	12 57	0 48	15 38	1 32	29 29	5 49	20 12	20 1	1 36		n.a.
S 23	23 14	4 45	5 13	23 34	1 7	21 26	0n 1	9 3	0 46	24 35	0 47	3 43	2 27	12 57	0 48	15 39	1 32	29 29	5 49	20 11	20 0	1 34		n.a.
S 24	23 20	0 26	4 58	23 58	1 14	21 42	0 3	9 19	0 46	24 35	0 47	3 43	2 26	12 57	0 48	15 39	1 32	29 29	5 49	20 11	19 59	1 32		n.a.
M25	23 25	3n54	4 31	24 20	1 21	21 58	0 5	9 34	0 45	24 36	0 47	3 43	2 26	12 57	0 48	15 39	1 32	29 29	5 49	20 11	19 58	1 29		n.a.
T 26	23 29	8 8	3 51	24 40	1 27	22 12	0 8	9 49	0 45	24 36	0 47	3 43	2 26	12 57	0 48	15 39	1 32	29 29	5 49	20 11	19 58	1 27		n.a.
W27	23 33	12 6	3 1	24 56	1 32	22 26	0 10	10 4	0 44	24 36	0 47	3 43	2 26	12 58	0 49	15 40	1 32	29 29	5 49	20 12	19 57	1 24		n.a.
T 28	23 37	15 38	2 2	25 10	1 37	22 40	0 13	10 18	0 43	24 37	0 48	3 43	2 25	12 58	0 49	15 40	1 32	29 29	5 49	20 12	19 56	1 22		n.a.
F 29	23 40	18 32	0 55	25 21	1 40	22 52	0 15	10 33	0 43	24 37	0 48	3 43	2 25	12 58	0 49	15 40	1 32	29 29	5 49	20 12	19 55	1 20		n.a.
S 30	23n43	20n34	0s16	25n30	1n43	23n 4	0n17	10n48	0s42	24s37	0s48	3s43	2n25	12s58	0s49	15s40	1s32	29s29	5s49	20s12	19s55	1s17		n.a.

Julian Day Number = 1198536.5, Delta T = 09h24m55s
Ecliptic obliquity = 23°51'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'43, Lahiri = -23°42'42 Julian Calendar 1 June 1432 BCE == Greg. Calendar 19 May 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

JULY 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 45 0	24♊53'56	14♊50	27♊20	14♊26	0♉ 2	2°R58	14°R48	28°R27	22°R36	22°R57	28°R37	27♏17	15♓41	n.a.	S 1
M 2	17 48 56	25°51'31	28°29	29°20	15°40	0°41	2♉50	14°D48	28♒27	22♒35	22♐55	28♏35	27°14	15°48	n.a.	M 2
T 3	17 52 53	26°49'08	12♋25	1♋20	16°54	1°20	2°42	14♎48	28°26	22°34	22°54	28°32	27°11	15°55	n.a.	T 3
W 4	17 56 49	27°46'46	26°35	3°17	18° 8	1°59	2°35	14°48	28°25	22°34	22°53	28°28	27° 8	16° 1	n.a.	W 4
T 5	18 0 46	28°44'26	10♌54	5°14	19°22	2°37	2°27	14°49	28°24	22°33	22°51	28°23	27° 5	16° 8	n.a.	T 5
F 6	18 4 42	29°42'07	25°17	7° 9	20°36	3°16	2°19	14°49	28°23	22°32	22°50	28°20	27° 1	16°15	n.a.	F 6
S 7	18 8 39	0♋39'48	9♍40	9° 3	21°50	3°54	2°11	14°49	28°22	22°31	22°48	28°17	26°58	16°21	n.a.	S 7
S 8	18 12 35	1°37'31	23°57	10°55	23° 4	4°32	2° 3	14°50	28°21	22°30	22°47	28°15	26°55	16°28	n.a.	S 8
M 9	18 16 32	2°35'16	8♎ 8	12°46	24°19	5°10	1°55	14°50	28°20	22°29	22°46	28°D15	26°52	16°35	n.a.	M 9
T 10	18 20 29	3°33'01	22° 9	14°36	25°33	5°48	1°47	14°51	28°19	22°28	22°44	28°16	26°49	16°42	n.a.	T 10
W11	18 24 25	4°30'48	5♏59	16°24	26°47	6°26	1°40	14°52	28°18	22°27	22°43	28°17	26°46	16°48	n.a.	W11
T 12	18 28 22	5°28'37	19°39	18°11	28° 1	7° 4	1°32	14°53	28°17	22°26	22°42	28°19	26°42	16°55	n.a.	T 12
F 13	18 32 18	6°26'26	3♐ 8	19°56	29°15	7°42	1°24	14°54	28°16	22°25	22°40	28°R19	26°39	17° 2	n.a.	F 13
S 14	18 36 15	7°24'18	16°25	21°40	0♋30	8°20	1°16	14°55	28°15	22°24	22°39	28°17	26°36	17° 8	n.a.	S 14
S 15	18 40 11	8°22'11	29°29	23°23	1°44	8°57	1° 9	14°56	28°13	22°23	22°38	28°14	26°33	17°15	n.a.	S 15
M16	18 44 8	9°20'05	12♑21	25° 4	2°58	9°35	1° 1	14°57	28°12	22°22	22°36	28° 9	26°30	17°22	n.a.	M16
T 17	18 48 4	10°18'02	25° 0	26°44	4°13	10°12	0°53	14°58	28°11	22°21	22°35	28° 2	26°27	17°29	n.a.	T 17
W18	18 52 1	11°16'00	7♒26	28°23	5°27	10°50	0°46	15° 0	28° 9	22°20	22°34	27°54	26°23	17°35	n.a.	W18
T 19	18 55 58	12°14'00	19°40	0♌ 1	6°41	11°27	0°38	15° 1	28° 8	22°19	22°33	27°47	26°20	17°42	n.a.	T 19
F 20	18 59 54	13°12'02	1♓44	1°37	7°56	12° 4	0°30	15° 3	28° 6	22°18	22°31	27°39	26°17	17°49	n.a.	F 20
S 21	19 3 51	14°10'06	13°40	3°12	9°10	12°41	0°23	15° 5	28° 5	22°16	22°30	27°33	26°14	17°55	n.a.	S 21
S 22	19 7 47	15° 8'12	25°32	4°45	10°25	13°18	0°16	15° 6	28° 3	22°15	22°29	27°29	26°11	18° 2	n.a.	S 22
M23	19 11 44	16° 6'20	7♈24	6°17	11°39	13°55	0° 8	15° 8	28° 2	22°14	22°27	27°27	26° 7	18° 9	n.a.	M23
T 24	19 15 40	17° 4'30	19°20	7°48	12°54	14°31	0° 1	15°10	28° 0	22°13	22°26	27°D27	26° 4	18°16	n.a.	T 24
W25	19 19 37	18° 2'43	1♉26	9°18	14° 8	15° 8	29♐54	15°12	27°58	22°11	22°25	27°27	26° 1	18°22	n.a.	W25
T 26	19 23 33	19° 0'57	13°48	10°46	15°23	15°45	29°47	15°15	27°57	22°10	22°24	27°29	25°58	18°29	n.a.	T 26
F 27	19 27 30	19°59'14	26°28	12°13	16°38	16°21	29°40	15°17	27°55	22° 9	22°23	27°R29	25°55	18°36	n.a.	F 27
S 28	19 31 27	20°57'33	9♊32	13°39	17°52	16°57	29°33	15°19	27°53	22° 7	22°21	27°29	25°52	18°42	n.a.	S 28
S 29	19 35 23	21°55'55	23° 2	15° 4	19° 7	17°33	29°27	15°22	27°51	22° 6	22°20	27°26	25°48	18°49	n.a.	S 29
M30	19 39 20	22°54'18	6♋57	16°27	20°22	18° 9	29°20	15°24	27°49	22° 5	22°19	27°21	25°45	18°56	n.a.	M30
T 31	19 43 16	23♋52'44	21♋15	17♌48	21♋36	18♉45	29♐13	15♎27	27♒48	22♒ 3	22♐18	27♏14	25♏42	19♓ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	21n32	1s28	25n36	1n46	23n16	0n20	11n 2	0s41	24s38	0s48	3s43	2n25	12s59	0s49	15s41	1s32	29s29	5s49	20s12	19s54	1s15		n.a.
M 2	23 48	21 15	2 36	25 39	1 47	23 26	0 22	11 17	0 41	24 38	0 48	3 43	2 24	12 59	0 49	15 41	1 33	29 29	5 50	20 12	19 53	1 13		n.a.
T 3	23 49	19 40	3 37	25 40	1 49	23 36	0 24	11 31	0 40	24 39	0 49	3 43	2 24	12 59	0 49	15 41	1 33	29 29	5 50	20 11	19 53	1 10		n.a.
W 4	23 51	16 52	4 25	25 38	1 49	23 46	0 27	11 45	0 40	24 39	0 49	3 44	2 24	13 0	0 49	15 42	1 33	29 29	5 50	20 10	19 52	1 8		n.a.
T 5	23 51	13 2	4 58	25 34	1 49	23 54	0 29	11 59	0 39	24 39	0 49	3 44	2 24	13 0	0 49	15 42	1 33	29 29	5 50	20 9	19 51	1 5		n.a.
F 6	23 52	8 26	5 12	25 28	1 48	24 2	0 31	12 13	0 38	24 39	0 49	3 44	2 23	13 0	0 49	15 42	1 33	29 29	5 50	20 8	19 50	1 3		n.a.
S 7	23 52	3 22	5 6	25 19	1 47	24 10	0 33	12 27	0 38	24 40	0 49	3 45	2 23	13 1	0 49	15 42	1 33	29 29	5 50	20 8	19 50	1 1		n.a.
S 8	23 51	1s51	4 41	25 9	1 45	24 16	0 36	12 41	0 37	24 40	0 49	3 45	2 23	13 1	0 49	15 43	1 33	29 29	5 50	20 7	19 49	0 58		n.a.
M 9	23 50	6 56	4 0	24 56	1 42	24 22	0 38	12 54	0 36	24 40	0 49	3 46	2 22	13 1	0 49	15 43	1 33	29 29	5 50	20 7	19 48	0 56		n.a.
T 10	23 49	11 37	3 4	24 42	1 40	24 27	0 40	13 8	0 36	24 41	0 50	3 46	2 22	13 2	0 49	15 44	1 33	29 29	5 50	20 7	19 47	0 54		n.a.
W11	23 47	15 37	1 59	24 26	1 36	24 31	0 42	13 21	0 35	24 41	0 50	3 47	2 22	13 2	0 49	15 44	1 33	29 29	5 50	20 8	19 47	0 51		n.a.
T 12	23 45	18 43	0 47	24 8	1 33	24 35	0 44	13 35	0 34	24 41	0 50	3 47	2 22	13 3	0 49	15 44	1 33	29 29	5 50	20 8	19 46	0 49		n.a.
F 13	23 42	20 43	0n26	23 49	1 29	24 37	0 46	13 48	0 33	24 41	0 50	3 48	2 21	13 3	0 49	15 45	1 33	29 29	5 50	20 8	19 45	0 47		n.a.
S 14	23 39	21 33	1 37	23 28	1 24	24 40	0 48	14 1	0 33	24 42	0 50	3 49	2 21	13 4	0 49	15 45	1 33	29 29	5 50	20 8	19 44	0 44		n.a.
S 15	23 35	21 11	2 41	23 6	1 19	24 41	0 50	14 14	0 32	24 42	0 50	3 49	2 21	13 4	0 49	15 45	1 33	29 29	5 50	20 7	19 44	0 42		n.a.
M16	23 32	19 42	3 36	22 43	1 14	24 41	0 52	14 27	0 31	24 42	0 50	3 50	2 21	13 5	0 49	15 46	1 33	29 29	5 50	20 6	19 43	0 40		n.a.
T 17	23 27	17 16	4 19	22 18	1 9	24 41	0 54	14 39	0 31	24 42	0 51	3 51	2 20	13 5	0 49	15 46	1 33	29 29	5 50	20 4	19 42	0 37		n.a.
W18	23 22	14 5	4 49	21 52	1 3	24 40	0 55	14 52	0 30	24 42	0 51	3 52	2 20	13 6	0 49	15 47	1 33	29 29	5 50	20 3	19 41	0 35		n.a.
T 19	23 17	10 21	5 5	21 26	0 57	24 38	0 57	15 4	0 29	24 42	0 51	3 53	2 20	13 6	0 49	15 47	1 33	29 29	5 50	20 1	19 41	0 33		n.a.
F 20	23 12	6 16	5 7	20 58	0 50	24 36	0 59	15 17	0 28	24 43	0 51	3 53	2 20	13 7	0 49	15 48	1 33	29 28	5 50	19 59	19 40	0 30		n.a.
S 21	23 6	1 59	4 56	20 30	0 44	24 33	1 0	15 29	0 28	24 43	0 51	3 54	2 19	13 7	0 49	15 48	1 33	29 28	5 50	19 58	19 39	0 28		n.a.
S 22	22 59	2n21	4 32	20 1	0 37	24 29	1 2	15 41	0 27	24 43	0 51	3 55	2 19	13 8	0 49	15 48	1 33	29 28	5 50	19 57	19 38	0 25		n.a.
M23	22 52	6 36	3 57	19 31	0 30	24 24	1 4	15 53	0 26	24 43	0 51	3 56	2 19	13 8	0 49	15 49	1 34	29 28	5 50	19 56	19 37	0 23		n.a.
T 24	22 45	10 38	3 11	19 0	0 23	24 18	1 5	16 5	0 25	24 43	0 51	3 57	2 18	13 9	0 49	15 49	1 34	29 28	5 50	19 56	19 37	0 21		n.a.
W25	22 37	14 18	2 16	18 29	0 15	24 12	1 7	16 16	0 24	24 43	0 51	3 58	2 18	13 10	0 49	15 50	1 34	29 28	5 50	19 56	19 36	0 18		n.a.
T 26	22 29	17 25	1 13	17 58	0 8	24 5	1 8	16 28	0 24	24 43	0 51	3 59	2 18	13 10	0 49	15 50	1 34	29 28	5 50	19 57	19 35	0 16		n.a.
F 27	22 21	19 48	0 5	17 26	0s 0	23 57	1 9	16 39	0 23	24 43	0 52	4 1	2 18	13 11	0 50	15 51	1 34	29 28	5 50	19 57	19 34	0 14		n.a.
S 28	22 12	21 13	1s 4	16 53	0 8	23 49	1 11	16 51	0 22	24 43	0 52	4 2	2 17	13 12	0 50	15 51	1 34	29 28	5 50	19 57	19 34	0 11		n.a.
S 29	22 2	21 28	2 13	16 21	0 16	23 39	1 12	17 2	0 21	24 43	0 52	4 3	2 17	13 12	0 50	15 52	1 34	29 28	5 50	19 56	19 33	0 9		n.a.
M30	21 53	20 26	3 15	15 48	0 25	23 30	1 13	17 13	0 20	24 43	0 52	4 4	2 17	13 13	0 50	15 52	1 34	29 28	5 50	19 55	19 32	0 7		n.a.
T 31	21n43	18n 5	4s 7	15n15	0s33	23n19	1n14	17n24	0s20	24s43	0s52	4s 5	2n17	13s14	0s50	15s53	1s34	29s28	5s50	19s53	19s31	0s 4		n.a.

Julian Day Number = 1198566.5, Delta T = 09h24m53s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'39, Lahiri = -23°42'38 Julian Calendar 1 July 1432 BCE == Greg. Calendar 18 June 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

AUGUST 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 47 13	24♋51'11	5♌51	19♌ 8	22♋51	19♉21	29°R 7	15♎30	27°R46	22°R 2	22°R17	27°R 5	25♏39	19♓ 9	n.a.	W 1
T 2	19 51 9	25°49'41	20°37	20°27	24° 6	19°57	29♐ 1	15°32	27♒44	22♒ 0	22♐16	26♏56	25°36	19°16	n.a.	T 2
F 3	19 55 6	26°48'12	5♍26	21°44	25°21	20°32	28°55	15°35	27°42	21°59	22°15	26°47	25°33	19°23	n.a.	F 3
S 4	19 59 2	27°46'45	20°10	23° 0	26°36	21° 8	28°49	15°38	27°40	21°57	22°14	26°41	25°29	19°29	n.a.	S 4
S 5	20 2 59	28°45'20	4♎41	24°14	27°50	21°43	28°43	15°41	27°38	21°56	22°13	26°36	25°26	19°36	n.a.	S 5
M 6	20 6 55	29°43'57	18°56	25°26	29° 5	22°18	28°37	15°44	27°36	21°54	22°11	26°34	25°23	19°43	n.a.	M 6
T 7	20 10 52	0♏42'35	2♏54	26°36	0♏20	22°53	28°32	15°48	27°34	21°53	22°10	26°D33	25°20	19°50	n.a.	T 7
W 8	20 14 49	1°41'16	16°34	27°45	1°35	23°28	28°26	15°51	27°32	21°51	22° 9	26°34	25°17	19°56	n.a.	W 8
T 9	20 18 45	2°39'58	29°57	28°51	2°50	24° 3	28°21	15°54	27°29	21°50	22° 8	26°R34	25°13	20° 3	n.a.	T 9
F 10	20 22 42	3°38'42	13♐ 6	29°55	4° 5	24°38	28°16	15°58	27°27	21°48	22° 8	26°33	25°10	20°10	n.a.	F 10
S 11	20 26 38	4°37'28	26° 1	0♑57	5°20	25°12	28°11	16° 1	27°25	21°47	22° 7	26°29	25° 7	20°16	n.a.	S 11
S 12	20 30 35	5°36'16	8♑46	1°57	6°35	25°47	28° 6	16° 5	27°23	21°45	22° 6	26°23	25° 4	20°23	n.a.	S 12
M13	20 34 31	6°35'06	21°20	2°53	7°50	26°21	28° 2	16° 9	27°21	21°43	22° 5	26°14	25° 1	20°30	n.a.	M13
T 14	20 38 28	7°33'59	3♒44	3°47	9° 5	26°55	27°57	16°13	27°18	21°42	22° 4	26° 3	24°58	20°37	n.a.	T 14
W15	20 42 24	8°32'53	15°59	4°38	10°20	27°29	27°53	16°16	27°16	21°40	22° 3	25°50	24°54	20°43	n.a.	W15
T 16	20 46 21	9°31'49	28° 5	5°25	11°35	28° 3	27°49	16°20	27°14	21°38	22° 2	25°36	24°51	20°50	n.a.	T 16
F 17	20 50 18	10°30'48	10♓ 4	6° 9	12°50	28°36	27°45	16°24	27°12	21°37	22° 1	25°24	24°48	20°57	n.a.	F 17
S 18	20 54 14	11°29'49	21°57	6°49	14° 5	29°10	27°41	16°29	27° 9	21°35	22° 1	25°13	24°45	21° 3	n.a.	S 18
S 19	20 58 11	12°28'52	3♈47	7°24	15°20	29°43	27°38	16°33	27° 7	21°34	22° 0	25° 5	24°42	21°10	n.a.	S 19
M20	21 2 7	13°27'58	15°37	7°55	16°35	0♊17	27°34	16°37	27° 5	21°32	21°59	24°59	24°38	21°17	n.a.	M20
T 21	21 6 4	14°27'06	27°31	8°21	17°50	0°50	27°31	16°41	27° 2	21°30	21°58	24°56	24°35	21°23	n.a.	T 21
W22	21 10 0	15°26'16	9♉34	8°41	19° 5	1°23	27°28	16°46	27° 0	21°29	21°58	24°55	24°32	21°30	n.a.	W22
T 23	21 13 57	16°25'29	21°52	8°56	20°20	1°56	27°25	16°50	26°58	21°27	21°57	24°55	24°29	21°37	n.a.	T 23
F 24	21 17 53	17°24'45	4♊29	9° 5	21°35	2°28	27°23	16°55	26°55	21°25	21°56	24°55	24°26	21°44	n.a.	F 24
S 25	21 21 50	18°24'03	17°30	9°R 6	22°50	3° 1	27°20	16°59	26°53	21°24	21°56	24°53	24°23	21°50	n.a.	S 25
S 26	21 25 46	19°23'24	1♋ 0	9° 1	24° 5	3°33	27°18	17° 4	26°50	21°22	21°55	24°49	24°19	21°57	n.a.	S 26
M27	21 29 43	20°22'47	14°59	8°48	25°21	4° 5	27°16	17° 9	26°48	21°20	21°54	24°43	24°16	22° 4	n.a.	M27
T 28	21 33 40	21°22'12	29°27	8°27	26°36	4°37	27°14	17°14	26°46	21°19	21°54	24°34	24°13	22°10	n.a.	T 28
W29	21 37 36	22°21'40	14♌18	7°58	27°51	5° 9	27°13	17°18	26°43	21°17	21°53	24°23	24°10	22°17	n.a.	W29
T 30	21 41 33	23°21'10	29°24	7°21	29° 6	5°40	27°11	17°23	26°41	21°15	21°53	24°12	24° 7	22°24	n.a.	T 30
F 31	21 45 29	24♌20'41	14♍35	6♍36	0♍21	6♊12	27♐10	17♎28	26♒38	21♒14	21♐52	24♏ 0	24♏ 4	22♓31	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n32	14n33	4s44	14n42	0s41	23n 7	1n15	17n34	0s19	24s43	0s52	4s 7	2n16	13s14	0s50	15s53	1s34	29s28	5s50	19s51	19s31	0s 2			n.a.
T 2	21 21	10 6	5 2	14 8	0 50	22 55	1 16	17 45	0 18	24 43	0 52	4 8	2 16	13 15	0 50	15 54	1 34	29 28	5 50	19 49	19 30	0n 0			n.a.
F 3	21 10	5 1	5 1	13 35	0 58	22 43	1 17	17 56	0 17	24 43	0 52	4 9	2 16	13 16	0 50	15 54	1 34	29 27	5 50	19 47	19 29	0 3			n.a.
S 4	20 58	0s18	4 39	13 2	1 7	22 29	1 18	18 6	0 16	24 43	0 52	4 11	2 16	13 16	0 50	15 55	1 34	29 27	5 50	19 45	19 28	0 5			n.a.
S 5	20 46	5 33	4 0	12 29	1 16	22 15	1 19	18 16	0 15	24 43	0 52	4 12	2 15	13 17	0 50	15 55	1 34	29 27	5 50	19 44	19 28	0 7			n.a.
M 6	20 34	10 25	3 6	11 57	1 24	22 0	1 20	18 26	0 14	24 43	0 52	4 14	2 15	13 18	0 50	15 56	1 34	29 27	5 50	19 44	19 27	0 10			n.a.
T 7	20 21	14 36	2 3	11 25	1 33	21 45	1 21	18 36	0 14	24 43	0 52	4 15	2 15	13 19	0 50	15 56	1 34	29 27	5 50	19 44	19 26	0 12			n.a.
W 8	20 8	17 56	0 53	10 53	1 42	21 29	1 21	18 46	0 13	24 43	0 52	4 17	2 15	13 19	0 50	15 57	1 34	29 27	5 50	19 44	19 25	0 14			n.a.
T 9	19 55	20 12	0n18	10 21	1 50	21 12	1 22	18 56	0 12	24 43	0 52	4 18	2 14	13 20	0 50	15 58	1 34	29 27	5 50	19 44	19 24	0 17			n.a.
F 10	19 41	21 20	1 27	9 51	1 59	20 55	1 22	19 5	0 11	24 43	0 52	4 20	2 14	13 21	0 50	15 58	1 34	29 27	5 50	19 43	19 24	0 19			n.a.
S 11	19 27	21 18	2 30	9 21	2 8	20 37	1 23	19 14	0 10	24 43	0 52	4 21	2 14	13 22	0 50	15 59	1 34	29 27	5 50	19 43	19 23	0 21			n.a.
S 12	19 12	20 10	3 24	8 51	2 16	20 18	1 23	19 24	0 9	24 43	0 52	4 23	2 14	13 22	0 50	15 59	1 34	29 27	5 50	19 41	19 22	0 24			n.a.
M13	18 57	18 4	4 8	8 23	2 24	19 59	1 24	19 33	0 8	24 43	0 52	4 25	2 14	13 23	0 50	16 0	1 34	29 27	5 50	19 39	19 21	0 26			n.a.
T 14	18 42	15 9	4 39	7 56	2 32	19 39	1 24	19 42	0 7	24 43	0 52	4 26	2 13	13 24	0 50	16 0	1 34	29 26	5 50	19 36	19 21	0 28			n.a.
W15	18 27	11 37	4 56	7 30	2 40	19 19	1 24	19 51	0 6	24 43	0 52	4 28	2 13	13 25	0 50	16 1	1 34	29 26	5 50	19 33	19 20	0 30			n.a.
T 16	18 11	7 39	5 0	7 5	2 48	18 58	1 24	19 59	0 5	24 43	0 52	4 30	2 13	13 26	0 50	16 1	1 34	29 26	5 50	19 30	19 19	0 33			n.a.
F 17	17 55	3 27	4 51	6 42	2 55	18 36	1 24	20 8	0 4	24 43	0 52	4 32	2 13	13 26	0 50	16 2	1 34	29 26	5 50	19 27	19 18	0 35			n.a.
S 18	17 38	0n52	4 29	6 21	3 3	18 14	1 24	20 16	0 3	24 43	0 52	4 33	2 12	13 27	0 50	16 2	1 34	29 26	5 50	19 24	19 17	0 37			n.a.
S 19	17 21	5 7	3 56	6 1	3 9	17 52	1 24	20 25	0 2	24 43	0 52	4 35	2 12	13 28	0 50	16 3	1 34	29 26	5 50	19 22	19 17	0 40			n.a.
M20	17 4	9 12	3 12	5 44	3 15	17 29	1 24	20 33	0 1	24 43	0 52	4 37	2 12	13 29	0 50	16 4	1 34	29 26	5 50	19 21	19 16	0 42			n.a.
T 21	16 47	12 56	2 20	5 29	3 21	17 5	1 24	20 41	0 0	24 43	0 52	4 39	2 12	13 30	0 50	16 4	1 34	29 26	5 50	19 20	19 15	0 44			n.a.
W22	16 29	16 12	1 20	5 16	3 26	16 41	1 24	20 49	0n 1	24 43	0 52	4 41	2 11	13 31	0 50	16 5	1 34	29 26	5 50	19 20	19 14	0 47			n.a.
T 23	16 11	18 49	0 16	5 7	3 30	16 17	1 24	20 56	0 2	24 43	0 52	4 43	2 11	13 31	0 50	16 5	1 34	29 25	5 49	19 20	19 13	0 49			n.a.
F 24	15 53	20 35	0s50	5 1	3 34	15 52	1 23	21 4	0 3	24 43	0 52	4 45	2 11	13 32	0 50	16 6	1 34	29 25	5 49	19 20	19 13	0 51			n.a.
S 25	15 35	21 20	1 57	4 58	3 36	15 27	1 23	21 12	0 4	24 43	0 52	4 47	2 11	13 33	0 50	16 6	1 34	29 25	5 49	19 19	19 12	0 54			n.a.
S 26	15 16	20 53	2 58	4 58	3 38	15 1	1 22	21 19	0 5	24 42	0 52	4 49	2 11	13 34	0 50	16 7	1 34	29 25	5 49	19 19	19 11	0 56			n.a.
M27	14 57	19 10	3 52	5 3	3 38	14 35	1 22	21 26	0 6	24 42	0 52	4 51	2 10	13 35	0 50	16 8	1 34	29 25	5 49	19 17	19 10	0 58			n.a.
T 28	14 38	16 11	4 32	5 12	3 37	14 8	1 21	21 33	0 7	24 42	0 52	4 53	2 10	13 36	0 50	16 8	1 34	29 25	5 49	19 15	19 9	1 1			n.a.
W29	14 18	12 7	4 56	5 26	3 34	13 41	1 20	21 40	0 8	24 42	0 52	4 55	2 10	13 36	0 50	16 9	1 34	29 25	5 49	19 12	19 9	1 3			n.a.
T 30	13 58	7 13	4 59	5 44	3 29	13 14	1 20	21 47	0 9	24 42	0 52	4 57	2 10	13 37	0 50	16 9	1 34	29 25	5 49	19 9	19 8	1 5			n.a.
F 31	13n38	1n51	4s41	6n 6	3s23	12n46	1n19	21n54	0n10	24s42	0s52	4s59	2n10	13s38	0s50	16s10	1s34	29s25	5s49	19s 6	19s 7	1n 7			n.a.

Julian Day Number = 1198597.5, Delta T = 09h24m51s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'34, Lahiri = -23°42'34 Julian Calendar 1 Aug. 1432 BCE == Greg. Calendar 19 July 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

SEPTEMBER 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 49 26	25♌20'15	29♍41	5°R43	1♍36	6♊43	27°R 9	17♎34	26°R36	21°R12	21°R52	23°R51	24♏ 0	22♓37	n.a.	S 1
S 2	21 53 22	26°19'51	14♎31	4♍44	2°52	7°14	27♐ 8	17°39	26♒33	21♒10	21♐51	23♏45	23°57	22°44	n.a.	S 2
M 3	21 57 19	27°19'29	29° 1	3°39	4° 7	7°45	27° 7	17°44	26°31	21° 9	21°51	23°41	23°54	22°51	n.a.	M 3
T 4	22 1 15	28°19'09	13♏ 6	2°29	5°22	8°16	27° 7	17°49	26°29	21° 7	21°51	23°40	23°51	22°57	n.a.	T 4
W 5	22 5 12	29°18'51	26°47	1°17	6°37	8°46	27° 7	17°54	26°26	21° 5	21°50	23°39	23°48	23° 4	n.a.	W 5
T 6	22 9 8	0♍18'35	10♐ 6	0° 3	7°52	9°16	27°D 7	18° 0	26°24	21° 4	21°50	23°39	23°44	23°11	n.a.	T 6
F 7	22 13 5	1°18'20	23° 5	28♌51	9° 8	9°46	27° 7	18° 5	26°21	21° 2	21°50	23°38	23°41	23°17	n.a.	F 7
S 8	22 17 2	2°18'08	5♑48	27°42	10°23	10°16	27° 7	18°11	26°19	21° 0	21°49	23°34	23°38	23°24	n.a.	S 8
S 9	22 20 58	3°17'57	18°18	26°38	11°38	10°46	27° 8	18°16	26°16	20°59	21°49	23°27	23°35	23°31	n.a.	S 9
M10	22 24 55	4°17'48	0♒37	25°42	12°53	11°15	27° 9	18°22	26°14	20°57	21°49	23°18	23°32	23°38	n.a.	M10
T 11	22 28 51	5°17'41	12°48	24°54	14° 9	11°44	27°10	18°28	26°12	20°55	21°49	23° 6	23°29	23°44	n.a.	T 11
W12	22 32 48	6°17'36	24°52	24°17	15°24	12°13	27°11	18°33	26° 9	20°54	21°48	22°52	23°25	23°51	n.a.	W12
T 13	22 36 44	7°17'33	6♓51	23°50	16°39	12°42	27°12	18°39	26° 7	20°52	21°48	22°38	23°22	23°58	n.a.	T 13
F 14	22 40 41	8°17'32	18°45	23°35	17°54	13°11	27°14	18°45	26° 4	20°51	21°48	22°25	23°19	24° 4	n.a.	F 14
S 15	22 44 37	9°17'34	0♈36	23°D31	19° 9	13°39	27°15	18°51	26° 2	20°49	21°48	22°13	23°16	24°11	n.a.	S 15
S 16	22 48 34	10°17'37	12°26	23°38	20°25	14° 7	27°17	18°57	26° 0	20°47	21°48	22° 4	23°13	24°18	n.a.	S 16
M17	22 52 30	11°17'42	24°17	23°57	21°40	14°35	27°20	19° 3	25°57	20°46	21°48	21°57	23°10	24°25	n.a.	M17
T 18	22 56 27	12°17'50	6♉11	24°25	22°55	15° 2	27°22	19° 9	25°55	20°44	21°D48	21°54	23° 6	24°31	n.a.	T 18
W19	23 0 24	13°18'00	18°14	25° 2	24°10	15°30	27°25	19°15	25°53	20°43	21°48	21°D53	23° 3	24°38	n.a.	W19
T 20	23 4 20	14°18'12	0♊30	25°48	25°26	15°57	27°27	19°21	25°51	20°41	21°48	21°53	23° 0	24°45	n.a.	T 20
F 21	23 8 17	15°18'27	13° 3	26°41	26°41	16°24	27°30	19°27	25°48	20°40	21°48	21°R53	22°57	24°51	n.a.	F 21
S 22	23 12 13	16°18'44	25°59	27°41	27°56	16°50	27°33	19°33	25°46	20°38	21°48	21°53	22°54	24°58	n.a.	S 22
S 23	23 16 10	17°19'03	9♋21	28°48	29°11	17°16	27°37	19°39	25°44	20°37	21°48	21°51	22°50	25° 5	n.a.	S 23
M24	23 20 6	18°19'24	23°12	29°59	0♎26	17°42	27°40	19°46	25°42	20°35	21°49	21°46	22°47	25°11	n.a.	M24
T 25	23 24 3	19°19'47	7♌34	1♍14	1°42	18° 8	27°44	19°52	25°39	20°34	21°49	21°39	22°44	25°18	n.a.	T 25
W26	23 27 59	20°20'12	22°22	2°34	2°57	18°33	27°48	19°58	25°37	20°33	21°49	21°31	22°41	25°25	n.a.	W26
T 27	23 31 56	21°20'39	7♍31	3°56	4°12	18°58	27°52	20° 5	25°35	20°31	21°49	21°21	22°38	25°32	n.a.	T 27
F 28	23 35 53	22°21'09	22°50	5°21	5°27	19°23	27°56	20°11	25°33	20°30	21°50	21°12	22°35	25°38	n.a.	F 28
S 29	23 39 49	23°21'39	8♎ 8	6°49	6°42	19°47	28° 1	20°18	25°31	20°29	21°50	21° 4	22°31	25°45	n.a.	S 29
S 30	23 43 46	24♍22'12	23♎14	8♍18	7♎58	20♊11	28♐ 5	20♎24	25♒29	20♒27	21♐50	20♏59	22♏28	25♓52	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n18	3s35	4s 4	6n34	3s15	12n18	1n18	22n 0	0n11	24s42	0s52	5s 1	2n 9	13s39	0s50	16s10	1s34	29s25	5s49	19s 4	19s 6	1n10		n.a.
S 2	12 58	8 45	3 11	7 5	3 5	11 50	1 17	22 7	0 13	24 42	0 52	5 3	2 9	13 40	0 50	16 11	1 34	29 24	5 49	19 2	19 5	1 12		n.a.
M 3	12 37	13 17	2 6	7 40	2 52	11 21	1 16	22 13	0 14	24 42	0 52	5 6	2 9	13 41	0 50	16 11	1 34	29 24	5 49	19 1	19 5	1 14		n.a.
T 4	12 16	16 56	0 56	8 19	2 38	10 52	1 15	22 19	0 15	24 42	0 52	5 8	2 9	13 42	0 50	16 12	1 34	29 24	5 49	19 1	19 4	1 17		n.a.
W 5	11 55	19 31	0n17	9 0	2 22	10 23	1 14	22 25	0 16	24 42	0 52	5 10	2 9	13 42	0 50	16 13	1 34	29 24	5 49	19 1	19 3	1 19		n.a.
T 6	11 34	20 57	1 26	9 43	2 5	9 53	1 13	22 31	0 17	24 42	0 52	5 12	2 9	13 43	0 50	16 13	1 34	29 24	5 48	19 1	19 2	1 21		n.a.
F 7	11 12	21 12	2 29	10 26	1 46	9 23	1 12	22 37	0 18	24 42	0 52	5 15	2 8	13 44	0 50	16 14	1 34	29 24	5 48	19 1	19 1	1 23		n.a.
S 8	10 50	20 21	3 23	11 9	1 26	8 53	1 10	22 42	0 20	24 42	0 52	5 17	2 8	13 45	0 50	16 14	1 34	29 24	5 48	19 0	19 1	1 26		n.a.
S 9	10 28	18 31	4 6	11 50	1 6	8 23	1 9	22 48	0 21	24 42	0 52	5 19	2 8	13 46	0 50	16 15	1 34	29 24	5 48	18 58	19 0	1 28		n.a.
M10	10 6	15 51	4 38	12 28	0 45	7 52	1 8	22 53	0 22	24 42	0 52	5 21	2 8	13 47	0 50	16 15	1 34	29 24	5 48	18 55	18 59	1 30		n.a.
T 11	9 44	12 33	4 56	13 3	0 25	7 22	1 6	22 59	0 23	24 42	0 52	5 24	2 8	13 47	0 50	16 16	1 34	29 24	5 48	18 52	18 58	1 33		n.a.
W12	9 22	8 45	5 0	13 34	0 6	6 51	1 5	23 4	0 25	24 42	0 52	5 26	2 7	13 48	0 50	16 16	1 34	29 23	5 48	18 49	18 57	1 35		n.a.
T 13	8 59	4 39	4 51	14 1	0n13	6 19	1 3	23 9	0 26	24 42	0 52	5 29	2 7	13 49	0 50	16 17	1 34	29 23	5 48	18 45	18 57	1 37		n.a.
F 14	8 36	0 24	4 30	14 22	0 30	5 48	1 1	23 14	0 27	24 42	0 52	5 31	2 7	13 50	0 50	16 17	1 34	29 23	5 48	18 42	18 56	1 39		n.a.
S 15	8 13	3n51	3 57	14 39	0 46	5 17	1 0	23 19	0 29	24 42	0 52	5 33	2 7	13 51	0 50	16 18	1 34	29 23	5 48	18 39	18 55	1 42		n.a.
S 16	7 50	7 57	3 13	14 50	1 1	4 45	0 58	23 24	0 30	24 42	0 52	5 36	2 7	13 51	0 50	16 18	1 34	29 23	5 48	18 36	18 54	1 44		n.a.
M17	7 27	11 45	2 21	14 56	1 14	4 13	0 56	23 28	0 31	24 42	0 52	5 38	2 7	13 52	0 50	16 19	1 34	29 23	5 48	18 35	18 53	1 46		n.a.
T 18	7 4	15 7	1 22	14 57	1 25	3 41	0 55	23 33	0 33	24 42	0 52	5 41	2 7	13 53	0 50	16 19	1 34	29 23	5 47	18 34	18 53	1 49		n.a.
W19	6 41	17 52	0 19	14 54	1 35	3 10	0 53	23 37	0 34	24 42	0 52	5 43	2 6	13 54	0 50	16 20	1 34	29 23	5 47	18 33	18 52	1 51		n.a.
T 20	6 17	19 52	0s46	14 46	1 44	2 37	0 51	23 41	0 35	24 42	0 52	5 46	2 6	13 55	0 50	16 20	1 34	29 23	5 47	18 33	18 51	1 53		n.a.
F 21	5 53	20 56	1 50	14 34	1 51	2 5	0 49	23 46	0 37	24 42	0 52	5 48	2 6	13 55	0 50	16 21	1 34	29 23	5 47	18 34	18 50	1 55		n.a.
S 22	5 30	20 57	2 51	14 18	1 56	1 33	0 47	23 50	0 38	24 42	0 52	5 51	2 6	13 56	0 50	16 21	1 34	29 23	5 47	18 33	18 49	1 58		n.a.
S 23	5 6	19 47	3 45	13 59	2 1	1 1	0 45	23 54	0 40	24 42	0 52	5 53	2 6	13 57	0 50	16 22	1 34	29 23	5 47	18 33	18 48	2 0		n.a.
M24	4 42	17 26	4 28	13 37	2 4	0 29	0 43	23 58	0 41	24 42	0 51	5 56	2 6	13 58	0 50	16 22	1 34	29 22	5 47	18 32	18 48	2 2		n.a.
T 25	4 18	13 57	4 55	13 11	2 6	0s 4	0 41	24 2	0 42	24 42	0 51	5 58	2 6	13 58	0 50	16 23	1 34	29 22	5 47	18 30	18 47	2 4		n.a.
W26	3 54	9 31	5 4	12 43	2 8	0 36	0 39	24 5	0 44	24 42	0 51	6 1	2 5	13 59	0 50	16 23	1 34	29 22	5 47	18 28	18 46	2 7		n.a.
T 27	3 29	4 23	4 52	12 13	2 8	1 8	0 37	24 9	0 45	24 42	0 51	6 3	2 5	14 0	0 50	16 23	1 34	29 22	5 47	18 25	18 45	2 9		n.a.
F 28	3 5	1s 4	4 20	11 41	2 8	1 41	0 34	24 13	0 47	24 42	0 51	6 6	2 5	14 0	0 50	16 24	1 34	29 22	5 47	18 23	18 44	2 11		n.a.
S 29	2 41	6 27	3 28	11 7	2 6	2 13	0 32	24 16	0 49	24 42	0 51	6 8	2 5	14 1	0 50	16 24	1 34	29 22	5 47	18 21	18 44	2 13		n.a.
S 30	2n16	11s23	2s23	10n31	2n 5	2s45	0n30	24n19	0n50	24s42	0s51	6s11	2n 5	14s 2	0s50	16s25	1s34	29s22	5s46	18s19	18s43	2n16		n.a.

Julian Day Number = 1198628.5, Delta T = 09h24m49s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'30, Lahiri = -23°42'30 Julian Calendar 1 Sept. 1432 BCE == Greg. Calendar 19 Aug. 1432 BCE

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

OCTOBER 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 47 42	25♍22'46	7♏59	9♍49	9♎13	20♊35	28♐10	20♎31	25°R27	20°R26	21♐51	20°R56	22♏25	25♓58	n.a.	M 1
T 2	23 51 39	26°23'22	22°19	11°21	10°28	20°59	28°15	20°37	25♒25	20♒25	21°51	20°D55	22°22	26° 5	n.a.	T 2
W 3	23 55 35	27°23'59	6♐10	12°54	11°43	21°22	28°20	20°44	25°23	20°23	21°51	20♏56	22°19	26°12	n.a.	W 3
T 4	23 59 32	28°24'38	19°35	14°27	12°58	21°44	28°26	20°50	25°21	20°22	21°52	20°57	22°15	26°18	n.a.	T 4
F 5	0 3 28	29°25'18	2♑36	16° 2	14°14	22° 7	28°31	20°57	25°19	20°21	21°52	20°R57	22°12	26°25	n.a.	F 5
S 6	0 7 25	0♎25'59	15°16	17°37	15°29	22°29	28°37	21° 4	25°17	20°20	21°53	20°56	22° 9	26°32	n.a.	S 6
S 7	0 11 21	1°26'42	27°40	19°12	16°44	22°50	28°43	21°10	25°15	20°18	21°53	20°52	22° 6	26°39	n.a.	S 7
M 8	0 15 18	2°27'26	9♒51	20°47	17°59	23°12	28°49	21°17	25°14	20°17	21°54	20°47	22° 3	26°45	n.a.	M 8
T 9	0 19 15	3°28'11	21°54	22°23	19°14	23°33	28°55	21°24	25°12	20°16	21°55	20°39	22° 0	26°52	n.a.	T 9
W10	0 23 11	4°28'58	3♓50	23°58	20°29	23°53	29° 1	21°31	25°10	20°15	21°55	20°30	21°56	26°59	n.a.	W10
T 11	0 27 8	5°29'45	15°43	25°34	21°44	24°13	29° 8	21°38	25° 8	20°14	21°56	20°21	21°53	27° 5	n.a.	T 11
F 12	0 31 4	6°30'35	27°35	27° 9	23° 0	24°33	29°14	21°44	25° 7	20°13	21°56	20°12	21°50	27°12	n.a.	F 12
S 13	0 35 1	7°31'25	9♈26	28°45	24°15	24°52	29°21	21°51	25° 5	20°12	21°57	20° 5	21°47	27°19	n.a.	S 13
S 14	0 38 57	8°32'17	21°19	0♎21	25°30	25°11	29°28	21°58	25° 3	20°11	21°58	19°59	21°44	27°25	n.a.	S 14
M15	0 42 54	9°33'10	3♉15	1°56	26°45	25°29	29°36	22° 5	25° 2	20°10	21°59	19°55	21°41	27°32	n.a.	M15
T 16	0 46 50	10°34'05	15°17	3°31	28° 0	25°47	29°43	22°12	25° 0	20° 9	21°59	19°D54	21°37	27°39	n.a.	T 16
W17	0 50 47	11°35'02	27°26	5° 6	29°15	26° 5	29°50	22°19	24°59	20° 8	22° 0	19°54	21°34	27°46	n.a.	W17
T 18	0 54 44	12°35'59	9♊47	6°42	0♏30	26°22	29°58	22°26	24°58	20° 7	22° 1	19°55	21°31	27°52	n.a.	T 18
F 19	0 58 40	13°36'59	22°23	8°17	1°45	26°38	0♑ 6	22°33	24°56	20° 6	22° 2	19°57	21°28	27°59	n.a.	F 19
S 20	1 2 37	14°37'59	5♋17	9°51	3° 0	26°54	0°14	22°39	24°55	20° 6	22° 3	19°58	21°25	28° 6	n.a.	S 20
S 21	1 6 33	15°39'02	18°33	11°26	4°15	27°10	0°22	22°46	24°54	20° 5	22° 4	19°R59	21°21	28°12	n.a.	S 21
M22	1 10 30	16°40'05	2♌14	13° 1	5°30	27°25	0°30	22°53	24°52	20° 4	22° 5	19°57	21°18	28°19	n.a.	M22
T 23	1 14 26	17°41'10	16°21	14°36	6°45	27°39	0°38	23° 0	24°51	20° 3	22° 6	19°55	21°15	28°26	n.a.	T 23
W24	1 18 23	18°42'16	0♍53	16°10	8° 0	27°53	0°47	23° 7	24°50	20° 3	22° 7	19°51	21°12	28°32	n.a.	W24
T 25	1 22 19	19°43'24	15°46	17°45	9°15	28° 7	0°56	23°14	24°49	20° 2	22° 8	19°47	21° 9	28°39	n.a.	T 25
F 26	1 26 16	20°44'32	0♎53	19°19	10°30	28°20	1° 4	23°21	24°48	20° 1	22° 9	19°42	21° 6	28°46	n.a.	F 26
S 27	1 30 13	21°45'42	16° 4	20°53	11°45	28°32	1°13	23°28	24°47	20° 1	22°10	19°38	21° 2	28°52	n.a.	S 27
S 28	1 34 9	22°46'53	1♏10	22°28	13° 0	28°44	1°22	23°35	24°46	20° 0	22°11	19°36	20°59	28°59	n.a.	S 28
M29	1 38 6	23°48'04	16° 1	24° 2	14°15	28°55	1°32	23°42	24°45	20° 0	22°12	19°D35	20°56	29° 6	n.a.	M29
T 30	1 42 2	24°49'16	0♐30	25°37	15°30	29° 5	1°41	23°49	24°44	19°59	22°13	19°35	20°53	29°13	n.a.	T 30
W31	1 45 59	25♎50'29	14♐33	27♎11	16♏45	29♊15	1♑51	23♎56	24♒43	19♒59	22♐14	19♏36	20♏50	29♓19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	1n52	15s30	1s 9	9n54	2n 2	3s18	0n28	24n23	0n52	24s42	0s51	6s14	2n 5	14s 2	0s50	16s25	1s34	29s22	5s46	18s18	18s42	2n18			n.a.
T 2	1 28	18 33	0n 7	9 16	1 59	3 50	0 25	24 26	0 53	24 42	0 51	6 16	2 5	14 3	0 50	16 25	1 34	29 22	5 46	18 18	18 41	2 20			n.a.
W 3	1 3	20 23	1 21	8 37	1 56	4 22	0 23	24 29	0 55	24 42	0 51	6 19	2 5	14 4	0 50	16 26	1 34	29 22	5 46	18 18	18 40	2 22			n.a.
T 4	0 39	20 59	2 28	7 56	1 52	4 54	0 21	24 32	0 57	24 42	0 51	6 21	2 4	14 4	0 50	16 26	1 34	29 22	5 46	18 19	18 39	2 25			n.a.
F 5	0 14	20 25	3 25	7 15	1 48	5 26	0 18	24 35	0 58	24 42	0 51	6 24	2 4	14 5	0 50	16 27	1 34	29 22	5 46	18 19	18 39	2 27			n.a.
S 6	0s11	18 50	4 10	6 33	1 43	5 57	0 16	24 38	1 0	24 42	0 51	6 27	2 4	14 6	0 50	16 27	1 34	29 22	5 46	18 18	18 38	2 29			n.a.
S 7	0 35	16 23	4 43	5 51	1 38	6 29	0 13	24 41	1 2	24 42	0 51	6 29	2 4	14 6	0 50	16 27	1 34	29 22	5 46	18 17	18 37	2 31			n.a.
M 8	1 0	13 15	5 2	5 8	1 33	7 0	0 11	24 44	1 3	24 42	0 51	6 32	2 4	14 7	0 50	16 28	1 34	29 22	5 46	18 16	18 36	2 34			n.a.
T 9	1 24	9 37	5 7	4 25	1 28	7 32	0 9	24 47	1 5	24 42	0 51	6 35	2 4	14 7	0 49	16 28	1 34	29 22	5 46	18 14	18 35	2 36			n.a.
W10	1 49	5 38	4 59	3 41	1 22	8 3	0 6	24 50	1 7	24 42	0 51	6 37	2 4	14 8	0 49	16 28	1 34	29 22	5 46	18 11	18 34	2 38			n.a.
T 11	2 13	1 28	4 38	2 57	1 16	8 34	0 4	24 53	1 9	24 42	0 51	6 40	2 4	14 9	0 49	16 29	1 34	29 21	5 45	18 9	18 34	2 40			n.a.
F 12	2 38	2n45	4 5	2 13	1 10	9 5	0 1	24 55	1 10	24 42	0 51	6 43	2 4	14 9	0 49	16 29	1 34	29 21	5 45	18 6	18 33	2 43			n.a.
S 13	3 2	6 53	3 22	1 29	1 4	9 35	0s 1	24 58	1 12	24 42	0 51	6 45	2 4	14 10	0 49	16 29	1 34	29 21	5 45	18 4	18 32	2 45			n.a.
S 14	3 27	10 45	2 29	0 45	0 58	10 5	0 4	25 0	1 14	24 42	0 51	6 48	2 4	14 10	0 49	16 30	1 34	29 21	5 45	18 3	18 31	2 47			n.a.
M15	3 51	14 13	1 29	0 0	0 52	10 35	0 6	25 3	1 16	24 42	0 51	6 51	2 3	14 11	0 49	16 30	1 34	29 21	5 45	18 2	18 30	2 49			n.a.
T 16	4 15	17 6	0 25	0s44	0 45	11 5	0 9	25 5	1 18	24 42	0 50	6 53	2 3	14 11	0 49	16 30	1 34	29 21	5 45	18 1	18 29	2 51			n.a.
W17	4 40	19 16	0s41	1 28	0 39	11 35	0 12	25 8	1 20	24 42	0 50	6 56	2 3	14 12	0 49	16 30	1 34	29 21	5 45	18 1	18 29	2 54			n.a.
T 18	5 4	20 33	1 46	2 13	0 32	12 4	0 14	25 10	1 22	24 42	0 50	6 59	2 3	14 12	0 49	16 31	1 34	29 21	5 45	18 2	18 28	2 56			n.a.
F 19	5 28	20 51	2 48	2 57	0 26	12 33	0 17	25 13	1 24	24 42	0 50	7 1	2 3	14 13	0 49	16 31	1 34	29 21	5 45	18 2	18 27	2 58			n.a.
S 20	5 52	20 3	3 43	3 41	0 19	13 2	0 19	25 15	1 26	24 42	0 50	7 4	2 3	14 13	0 49	16 31	1 34	29 21	5 45	18 3	18 26	3 0			n.a.
S 21	6 16	18 8	4 27	4 24	0 13	13 30	0 22	25 18	1 28	24 42	0 50	7 7	2 3	14 13	0 49	16 31	1 34	29 21	5 45	18 3	18 25	3 3			n.a.
M22	6 40	15 10	4 58	5 8	0 6	13 58	0 24	25 20	1 30	24 42	0 50	7 9	2 3	14 14	0 49	16 32	1 34	29 21	5 45	18 2	18 24	3 5			n.a.
T 23	7 4	11 15	5 12	5 51	0s 0	14 26	0 27	25 22	1 32	24 42	0 50	7 12	2 3	14 14	0 49	16 32	1 33	29 21	5 45	18 2	18 23	3 7			n.a.
W24	7 27	6 34	5 7	6 34	0 7	14 53	0 29	25 25	1 34	24 42	0 50	7 15	2 3	14 15	0 49	16 32	1 33	29 21	5 44	18 1	18 23	3 9			n.a.
T 25	7 51	1 24	4 41	7 17	0 13	15 20	0 32	25 27	1 36	24 42	0 50	7 17	2 3	14 15	0 49	16 32	1 33	29 21	5 44	17 59	18 22	3 11			n.a.
F 26	8 14	3s57	3 56	8 0	0 20	15 46	0 34	25 29	1 38	24 42	0 50	7 20	2 3	14 15	0 49	16 32	1 33	29 21	5 44	17 58	18 21	3 14			n.a.
S 27	8 38	9 5	2 54	8 42	0 26	16 12	0 37	25 32	1 40	24 41	0 50	7 22	2 3	14 15	0 49	16 32	1 33	29 21	5 44	17 57	18 20	3 16			n.a.
S 28	9 1	13 38	1 40	9 24	0 32	16 38	0 39	25 34	1 43	24 41	0 50	7 25	2 3	14 16	0 49	16 33	1 33	29 21	5 44	17 57	18 19	3 18			n.a.
M29	9 24	17 14	0 20	10 5	0 39	17 3	0 41	25 36	1 45	24 41	0 50	7 28	2 3	14 16	0 49	16 33	1 33	29 21	5 44	17 56	18 18	3 20			n.a.
T 30	9 47	19 38	1n 0	10 46	0 45	17 28	0 44	25 39	1 47	24 41	0 50	7 30	2 3	14 16	0 49	16 33	1 33	29 21	5 44	17 56	18 17	3 23			n.a.
W31	10s 9	20s45	2n13	11s26	0s51	17s52	0s46	25n41	1n49	24s41	0s50	7s33	2n 3	14s17	0s49	16s33	1s33	29s21	5s44	17s57	18s17	3n25			n.a.

Julian Day Number = 1198658.5, Delta T = 09h24m48s
Ecliptic obliquity = 23°51'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'26, Lahiri = -23°42'26 Julian Calendar 1 Oct. 1432 BCE == Greg. Calendar 18 Sept. 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

NOVEMBER 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 49 55	26♎51'42	28♐ 8	28♎46	18♏ 0	29♊24	2♑ 0	24♎ 3	24°R42	19°R58	22♐15	19♏38	20♏46	29♓26	n.a.	T 1
F 2	1 53 52	27°52'56	11♑17	0♏20	19°15	29°33	2°10	24°10	24♒42	19♒58	22°17	19°40	20°43	29°33	n.a.	F 2
S 3	1 57 48	28°54'10	24° 3	1°55	20°30	29°41	2°20	24°17	24°41	19°57	22°18	19°R40	20°40	29°39	n.a.	S 3
S 4	2 1 45	29°55'25	6♒29	3°30	21°45	29°48	2°30	24°24	24°40	19°57	22°19	19°40	20°37	29°46	n.a.	S 4
M 5	2 5 42	0♏56'40	18°39	5° 5	22°59	29°55	2°40	24°31	24°40	19°57	22°20	19°39	20°34	29°53	n.a.	M 5
T 6	2 9 38	1°57'55	0♓39	6°40	24°14	0♋ 1	2°50	24°38	24°39	19°56	22°22	19°37	20°31	29°59	n.a.	T 6
W 7	2 13 35	2°59'10	12°32	8°15	25°29	0° 6	3° 0	24°45	24°39	19°56	22°23	19°35	20°27	0♈ 6	n.a.	W 7
T 8	2 17 31	4° 0'25	24°22	9°50	26°44	0°11	3°11	24°52	24°38	19°56	22°24	19°32	20°24	0°13	n.a.	T 8
F 9	2 21 28	5° 1'41	6♈13	11°25	27°59	0°15	3°21	24°59	24°38	19°56	22°26	19°30	20°21	0°19	n.a.	F 9
S 10	2 25 24	6° 2'57	18° 7	13° 1	29°13	0°18	3°32	25° 6	24°37	19°56	22°27	19°28	20°18	0°26	n.a.	S 10
S 11	2 29 21	7° 4'14	0♉ 6	14°37	0♗28	0°20	3°43	25°13	24°37	19°56	22°28	19°26	20°15	0°33	n.a.	S 11
M12	2 33 18	8° 5'30	12°11	16°12	1°43	0°22	3°54	25°20	24°37	19°56	22°30	19°26	20°12	0°40	n.a.	M12
T 13	2 37 14	9° 6'47	24°26	17°48	2°58	0°23	4° 5	25°26	24°37	19°D55	22°31	19°D25	20° 8	0°46	n.a.	T 13
W14	2 41 11	10° 8'04	6♊50	19°24	4°12	0°R23	4°16	25°33	24°37	19°56	22°33	19°26	20° 5	0°53	n.a.	W14
T 15	2 45 7	11° 9'22	19°27	21° 0	5°27	0°22	4°27	25°40	24°36	19°56	22°34	19°27	20° 2	1° 0	n.a.	T 15
F 16	2 49 4	12°10'40	2♋16	22°37	6°42	0°21	4°38	25°47	24°D36	19°56	22°36	19°28	19°59	1° 6	n.a.	F 16
S 17	2 53 0	13°11'58	15°20	24°13	7°56	0°19	4°50	25°54	24°36	19°56	22°37	19°28	19°56	1°13	n.a.	S 17
S 18	2 56 57	14°13'17	28°40	25°49	9°11	0°16	5° 1	26° 1	24°37	19°56	22°39	19°29	19°52	1°20	n.a.	S 18
M19	3 0 53	15°14'36	12♌18	27°25	10°25	0°12	5°13	26° 7	24°37	19°56	22°40	19°R29	19°49	1°26	n.a.	M19
T 20	3 4 50	16°15'55	26°14	29° 1	11°40	0° 7	5°24	26°14	24°37	19°56	22°42	19°29	19°46	1°33	n.a.	T 20
W21	3 8 47	17°17'14	10♍27	0♗37	12°55	0° 2	5°36	26°21	24°37	19°57	22°43	19°29	19°43	1°40	n.a.	W21
T 22	3 12 43	18°18'34	24°57	2°12	14° 9	29♊56	5°48	26°27	24°37	19°57	22°45	19°29	19°40	1°46	n.a.	T 22
F 23	3 16 40	19°19'53	9♎38	3°47	15°24	29°49	6° 0	26°34	24°38	19°57	22°46	19°D28	19°37	1°53	n.a.	F 23
S 24	3 20 36	20°21'13	24°25	5°21	16°38	29°41	6°12	26°41	24°38	19°57	22°48	19°28	19°33	2° 0	n.a.	S 24
S 25	3 24 33	21°22'33	9♏12	6°54	17°53	29°32	6°24	26°47	24°39	19°58	22°50	19°29	19°30	2° 7	n.a.	S 25
M26	3 28 29	22°23'52	23°51	8°27	19° 7	29°23	6°36	26°54	24°39	19°58	22°51	19°R29	19°27	2°13	n.a.	M26
T 27	3 32 26	23°25'11	8♐15	9°58	20°22	29°12	6°48	27° 0	24°40	19°59	22°53	19°28	19°24	2°20	n.a.	T 27
W28	3 36 23	24°26'30	22°19	11°27	21°36	29° 1	7° 1	27° 7	24°40	19°59	22°55	19°28	19°21	2°27	n.a.	W28
T 29	3 40 19	25°27'48	5♑59	12°54	22°50	28°49	7°13	27°13	24°41	20° 0	22°56	19°27	19°18	2°33	n.a.	T 29
F 30	3 44 16	26♏29'06	19♑15	14♐19	24♐ 5	28♊37	7♑26	27♎20	24♒41	20♒ 0	22♐58	19♏26	19♏14	2♈40	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s32	20s34	3n17	12s 6	0s57	18s16	0s49	25n43	1n52	24s41	0s50	7s36	2n 3	14s17	0s49	16s33	1s33	29s21	5s44	17s57	18s16	3n27		n.a.
F 2	10 54	19 15	4 8	12 46	1 2	18 40	0 51	25 46	1 54	24 40	0 50	7 38	2 3	14 17	0 49	16 33	1 33	29 21	5 44	17 58	18 15	3 29		n.a.
S 3	11 16	17 0	4 45	13 25	1 8	19 2	0 53	25 48	1 56	24 40	0 50	7 41	2 3	14 17	0 49	16 33	1 33	29 21	5 44	17 58	18 14	3 31		n.a.
S 4	11 39	14 1	5 7	14 3	1 13	19 25	0 55	25 51	1 59	24 40	0 50	7 44	2 3	14 17	0 49	16 33	1 33	29 21	5 44	17 58	18 13	3 34		n.a.
M 5	12 0	10 30	5 16	14 41	1 19	19 46	0 58	25 53	2 1	24 40	0 50	7 46	2 3	14 18	0 49	16 33	1 33	29 21	5 44	17 57	18 12	3 36		n.a.
T 6	12 22	6 37	5 10	15 18	1 24	20 8	1 0	25 55	2 4	24 40	0 50	7 49	2 3	14 18	0 49	16 33	1 33	29 21	5 44	17 57	18 11	3 38		n.a.
W 7	12 43	2 30	4 51	15 54	1 29	20 28	1 2	25 58	2 6	24 39	0 50	7 51	2 3	14 18	0 48	16 33	1 33	29 21	5 44	17 56	18 11	3 40		n.a.
T 8	13 5	1n41	4 20	16 30	1 33	20 48	1 4	26 0	2 9	24 39	0 50	7 54	2 2	14 18	0 48	16 33	1 33	29 21	5 44	17 56	18 10	3 42		n.a.
F 9	13 26	5 49	3 37	17 4	1 38	21 8	1 6	26 3	2 11	24 39	0 50	7 56	2 2	14 18	0 48	16 33	1 33	29 21	5 44	17 55	18 9	3 44		n.a.
S 10	13 46	9 45	2 45	17 38	1 42	21 27	1 8	26 5	2 14	24 38	0 50	7 59	2 2	14 18	0 48	16 33	1 33	29 21	5 44	17 54	18 8	3 47		n.a.
S 11	14 7	13 20	1 45	18 12	1 46	21 45	1 10	26 8	2 16	24 38	0 50	8 2	2 2	14 18	0 48	16 33	1 33	29 21	5 43	17 54	18 7	3 49		n.a.
M12	14 27	16 24	0 40	18 44	1 50	22 3	1 12	26 10	2 19	24 38	0 50	8 4	2 2	14 18	0 48	16 33	1 33	29 22	5 43	17 54	18 6	3 51		n.a.
T 13	14 47	18 46	0s28	19 15	1 54	22 20	1 14	26 13	2 21	24 37	0 50	8 7	2 3	14 18	0 48	16 33	1 33	29 22	5 43	17 54	18 5	3 53		n.a.
W14	15 7	20 16	1 35	19 45	1 57	22 36	1 16	26 16	2 24	24 37	0 50	8 9	2 3	14 18	0 48	16 33	1 33	29 22	5 43	17 54	18 5	3 55		n.a.
T 15	15 26	20 47	2 39	20 15	2 0	22 52	1 18	26 18	2 27	24 37	0 50	8 12	2 3	14 18	0 48	16 33	1 33	29 22	5 43	17 54	18 4	3 58		n.a.
F 16	15 46	20 14	3 36	20 43	2 2	23 7	1 20	26 21	2 29	24 36	0 50	8 14	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 54	18 3	4 0		n.a.
S 17	16 5	18 36	4 23	21 10	2 4	23 22	1 22	26 24	2 32	24 36	0 50	8 17	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 54	18 2	4 2		n.a.
S 18	16 23	15 57	4 57	21 35	2 6	23 35	1 23	26 26	2 35	24 35	0 50	8 19	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 55	18 1	4 4		n.a.
M19	16 42	12 22	5 15	21 59	2 7	23 48	1 25	26 29	2 37	24 35	0 50	8 22	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 55	18 0	4 6		n.a.
T 20	17 0	8 3	5 16	22 22	2 8	24 1	1 27	26 32	2 40	24 34	0 50	8 24	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 55	17 59	4 8		n.a.
W21	17 17	3 13	4 57	22 44	2 8	24 12	1 28	26 34	2 43	24 34	0 50	8 26	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 55	17 58	4 11		n.a.
T 22	17 35	1s55	4 19	23 4	2 8	24 23	1 30	26 37	2 45	24 33	0 50	8 29	2 3	14 18	0 48	16 33	1 32	29 22	5 43	17 54	17 58	4 13		n.a.
F 23	17 52	7 0	3 24	23 22	2 8	24 33	1 31	26 40	2 48	24 33	0 49	8 31	2 3	14 18	0 48	16 32	1 32	29 22	5 43	17 54	17 57	4 15		n.a.
S 24	18 9	11 43	2 15	23 38	2 6	24 42	1 32	26 42	2 51	24 32	0 49	8 34	2 3	14 17	0 48	16 32	1 32	29 22	5 43	17 54	17 56	4 17		n.a.
S 25	18 25	15 43	0 57	23 53	2 4	24 51	1 34	26 45	2 53	24 32	0 49	8 36	2 3	14 17	0 48	16 32	1 32	29 22	5 43	17 54	17 55	4 19		n.a.
M26	18 42	18 40	0n24	24 6	2 2	24 59	1 35	26 48	2 56	24 31	0 49	8 38	2 3	14 17	0 48	16 32	1 32	29 22	5 43	17 55	17 54	4 21		n.a.
T 27	18 57	20 23	1 42	24 17	1 58	25 6	1 36	26 50	2 59	24 30	0 49	8 41	2 3	14 17	0 48	16 32	1 32	29 23	5 43	17 54	17 53	4 24		n.a.
W28	19 13	20 46	2 53	24 26	1 54	25 12	1 37	26 53	3 1	24 30	0 49	8 43	2 3	14 17	0 48	16 32	1 32	29 23	5 43	17 54	17 52	4 26		n.a.
T 29	19 28	19 53	3 51	24 33	1 49	25 18	1 38	26 55	3 4	24 29	0 49	8 45	2 3	14 16	0 48	16 31	1 32	29 23	5 43	17 54	17 51	4 28		n.a.
F 30	19s43	17s55	4n35	24s38	1s43	25s23	1s39	26n58	3n 7	24s28	0s49	8s48	2n 3	14s16	0s48	16s31	1s32	29s23	5s43	17s54	17s51	4n30		n.a.

Julian Day Number = 1198689.5, Delta T = 09h24m46s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'22, Lahiri = -23°42'22 Julian Calendar 1 Nov. 1432 BCE == Greg. Calendar 19 Oct. 1432 BCE

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ASTRODIENST EPHEMERIS for the year 1432 BCE
geocentric

DECEMBER 1432 BCE (-1431) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 48 12	27♏30'23	2♒ 7	15♐41	25♐19	28°R23	7♑38	27♎26	24♒42	20♒ 1	23♐ 0	19°R26	19♏11	2♈47	n.a.	S 1
S 2	3 52 9	28°31'39	14°38	17° 0	26°33	28♊ 9	7°51	27°32	24°43	20° 2	23° 1	19♏25	19° 8	2°53	n.a.	S 2
M 3	3 56 5	29°32'54	26°52	18°15	27°48	27°54	8° 4	27°39	24°44	20° 2	23° 3	19°D25	19° 5	3° 0	n.a.	M 3
T 4	4 0 2	0♐34'08	8♓53	19°25	29° 2	27°38	8°17	27°45	24°45	20° 3	23° 5	19°25	19° 2	3° 7	n.a.	T 4
W 5	4 3 58	1°35'21	20°46	20°29	0♑16	27°22	8°29	27°51	24°46	20° 4	23° 7	19°25	18°58	3°13	n.a.	W 5
T 6	4 7 55	2°36'34	2♈36	21°28	1°30	27° 4	8°42	27°57	24°47	20° 4	23° 8	19°26	18°55	3°20	n.a.	T 6
F 7	4 11 52	3°37'45	14°27	22°19	2°44	26°47	8°55	28° 4	24°48	20° 5	23°10	19°28	18°52	3°27	n.a.	F 7
S 8	4 15 48	4°38'56	26°23	23° 2	3°58	26°28	9° 8	28°10	24°49	20° 6	23°12	19°29	18°49	3°33	n.a.	S 8
S 9	4 19 45	5°40'05	8♉28	23°37	5°12	26° 9	9°21	28°16	24°50	20° 7	23°14	19°30	18°46	3°40	n.a.	S 9
M10	4 23 41	6°41'14	20°44	24° 2	6°26	25°49	9°35	28°22	24°51	20° 8	23°15	19°R31	18°43	3°47	n.a.	M10
T 11	4 27 38	7°42'22	3♊14	24°16	7°40	25°29	9°48	28°28	24°53	20° 9	23°17	19°30	18°39	3°54	n.a.	T 11
W12	4 31 34	8°43'29	15°58	24°R20	8°54	25° 9	10° 1	28°34	24°54	20°10	23°19	19°28	18°36	4° 0	n.a.	W12
T 13	4 35 31	9°44'35	28°56	24°12	10° 8	24°47	10°15	28°39	24°55	20°11	23°21	19°26	18°33	4° 7	n.a.	T 13
F 14	4 39 28	10°45'40	12♋ 9	23°53	11°22	24°26	10°28	28°45	24°57	20°12	23°23	19°23	18°30	4°14	n.a.	F 14
S 15	4 43 24	11°46'44	25°35	23°22	12°36	24° 3	10°41	28°51	24°58	20°13	23°24	19°19	18°27	4°20	n.a.	S 15
S 16	4 47 21	12°47'48	9♌12	22°40	13°50	23°41	10°55	28°57	24°59	20°14	23°26	19°16	18°24	4°27	n.a.	S 16
M17	4 51 17	13°48'50	23° 0	21°48	15° 3	23°18	11° 8	29° 2	25° 1	20°15	23°28	19°14	18°20	4°34	n.a.	M17
T 18	4 55 14	14°49'52	6♍58	20°48	16°17	22°55	11°22	29° 8	25° 3	20°16	23°30	19°12	18°17	4°40	n.a.	T 18
W19	4 59 10	15°50'53	21° 4	19°42	17°31	22°32	11°36	29°13	25° 4	20°17	23°32	19°D12	18°14	4°47	n.a.	W19
T 20	5 3 7	16°51'53	5♎16	18°30	18°44	22° 8	11°49	29°19	25° 6	20°19	23°34	19°13	18°11	4°54	n.a.	T 20
F 21	5 7 3	17°52'51	19°32	17°16	19°58	21°44	12° 3	29°24	25° 8	20°20	23°36	19°15	18° 8	5° 0	n.a.	F 21
S 22	5 11 0	18°53'50	3♏51	16° 2	21°11	21°20	12°17	29°30	25° 9	20°21	23°37	19°16	18° 4	5° 7	n.a.	S 22
S 23	5 14 57	19°54'47	18° 9	14°49	22°25	20°56	12°31	29°35	25°11	20°22	23°39	19°R17	18° 1	5°14	n.a.	S 23
M24	5 18 53	20°55'42	2♐21	13°40	23°38	20°32	12°45	29°40	25°13	20°24	23°41	19°16	17°58	5°20	n.a.	M24
T 25	5 22 50	21°56'37	16°25	12°36	24°52	20° 8	12°59	29°45	25°15	20°25	23°43	19°14	17°55	5°27	n.a.	T 25
W26	5 26 46	22°57'30	0♑14	11°39	26° 5	19°44	13°13	29°51	25°17	20°26	23°45	19°10	17°52	5°34	n.a.	W26
T 27	5 30 43	23°58'22	13°47	10°48	27°18	19°20	13°26	29°56	25°19	20°28	23°47	19° 4	17°49	5°40	n.a.	T 27
F 28	5 34 39	24°59'13	26°59	10° 6	28°31	18°56	13°41	0♏ 1	25°21	20°29	23°49	18°58	17°45	5°47	n.a.	F 28
S 29	5 38 36	26° 0'01	9♒52	9°32	29°45	18°33	13°55	0° 5	25°23	20°31	23°50	18°51	17°42	5°54	n.a.	S 29
S 30	5 42 32	27° 0'48	22°25	9° 6	0♒58	18° 9	14° 9	0°10	25°25	20°32	23°52	18°46	17°39	6° 1	n.a.	S 30
M31	5 46 29	28♐ 1'33	4♓42	8♐49	2♒11	17♊46	14♑23	0♏15	25♒27	20♒34	23♐54	18♏41	17♏36	6♈ 7	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s57	15s 7	5n 3	24s41	1s37	25s27	1s40	27n 0	3n 9	24s28	0s49	8s50	2n 3	14s16	0s47	16s31	1s32	29s23	5s43	17s54	17s50	4n32		n.a.
S 2	20 11	11 41	5 16	24 41	1 29	25 30	1 41	27 3	3 12	24 27	0 49	8 52	2 3	14 15	0 47	16 31	1 32	29 23	5 43	17 53	17 49	4 34		n.a.
M 3	20 25	7 51	5 15	24 40	1 20	25 32	1 42	27 5	3 15	24 26	0 50	8 54	2 3	14 15	0 47	16 30	1 32	29 23	5 43	17 53	17 48	4 36		n.a.
T 4	20 38	3 46	4 59	24 36	1 10	25 34	1 42	27 7	3 17	24 25	0 50	8 57	2 3	14 15	0 47	16 30	1 32	29 23	5 43	17 53	17 47	4 39		n.a.
W 5	20 51	0n25	4 31	24 30	0 59	25 35	1 43	27 10	3 20	24 24	0 50	8 59	2 3	14 14	0 47	16 30	1 32	29 23	5 43	17 54	17 46	4 41		n.a.
T 6	21 3	4 35	3 52	24 22	0 47	25 35	1 44	27 12	3 22	24 24	0 50	9 1	2 3	14 14	0 47	16 30	1 32	29 23	5 43	17 54	17 45	4 43		n.a.
F 7	21 15	8 35	3 2	24 12	0 34	25 34	1 44	27 14	3 25	24 23	0 50	9 3	2 3	14 14	0 47	16 29	1 32	29 24	5 43	17 54	17 44	4 45		n.a.
S 8	21 27	12 17	2 5	24 0	0 20	25 33	1 45	27 16	3 27	24 22	0 50	9 5	2 4	14 13	0 47	16 29	1 31	29 24	5 43	17 55	17 43	4 47		n.a.
S 9	21 38	15 32	1 1	23 46	0 4	25 30	1 45	27 17	3 29	24 21	0 50	9 7	2 4	14 13	0 47	16 29	1 31	29 24	5 43	17 55	17 43	4 49		n.a.
M10	21 48	18 9	0s 7	23 31	0n12	25 27	1 45	27 19	3 31	24 20	0 50	9 9	2 4	14 12	0 47	16 28	1 31	29 24	5 43	17 55	17 42	4 51		n.a.
T 11	21 59	19 57	1 15	23 14	0 30	25 23	1 45	27 21	3 34	24 19	0 50	9 12	2 4	14 12	0 47	16 28	1 31	29 24	5 43	17 55	17 41	4 54		n.a.
W12	22 9	20 46	2 21	22 56	0 48	25 19	1 45	27 22	3 36	24 18	0 50	9 14	2 4	14 11	0 47	16 28	1 31	29 24	5 43	17 54	17 40	4 56		n.a.
T 13	22 18	20 31	3 21	22 37	1 7	25 13	1 45	27 23	3 38	24 17	0 50	9 16	2 4	14 11	0 47	16 27	1 31	29 24	5 43	17 54	17 39	4 58		n.a.
F 14	22 27	19 8	4 11	22 17	1 26	25 7	1 45	27 24	3 40	24 16	0 50	9 18	2 4	14 10	0 47	16 27	1 31	29 24	5 43	17 53	17 38	5 0		n.a.
S 15	22 36	16 41	4 48	21 57	1 45	25 0	1 45	27 25	3 42	24 15	0 50	9 20	2 4	14 10	0 47	16 26	1 31	29 25	5 43	17 52	17 37	5 2		n.a.
S 16	22 44	13 18	5 10	21 36	2 3	24 52	1 45	27 26	3 44	24 14	0 50	9 22	2 4	14 9	0 47	16 26	1 31	29 25	5 43	17 51	17 36	5 4		n.a.
M17	22 52	9 9	5 14	21 15	2 21	24 44	1 45	27 27	3 46	24 13	0 50	9 23	2 4	14 9	0 47	16 26	1 31	29 25	5 44	17 50	17 35	5 6		n.a.
T 18	22 59	4 29	5 0	20 54	2 38	24 35	1 44	27 27	3 47	24 12	0 50	9 25	2 4	14 8	0 47	16 25	1 31	29 25	5 44	17 50	17 35	5 8		n.a.
W19	23 6	0s29	4 27	20 34	2 54	24 25	1 44	27 27	3 49	24 10	0 50	9 27	2 4	14 8	0 47	16 25	1 31	29 25	5 44	17 50	17 34	5 10		n.a.
T 20	23 12	5 27	3 39	20 15	3 7	24 14	1 43	27 27	3 51	24 9	0 50	9 29	2 5	14 7	0 47	16 24	1 31	29 25	5 44	17 50	17 33	5 13		n.a.
F 21	23 18	10 10	2 36	19 57	3 18	24 2	1 43	27 27	3 52	24 8	0 50	9 31	2 5	14 6	0 47	16 24	1 31	29 25	5 44	17 51	17 32	5 15		n.a.
S 22	23 23	14 20	1 24	19 40	3 27	23 50	1 42	27 27	3 53	24 7	0 50	9 33	2 5	14 6	0 47	16 24	1 31	29 26	5 44	17 51	17 31	5 17		n.a.
S 23	23 28	17 38	0 6	19 26	3 34	23 37	1 41	27 27	3 55	24 5	0 50	9 35	2 5	14 5	0 47	16 23	1 31	29 26	5 44	17 51	17 30	5 19		n.a.
M24	23 33	19 50	1n11	19 14	3 38	23 24	1 40	27 26	3 56	24 4	0 50	9 36	2 5	14 4	0 47	16 23	1 31	29 26	5 44	17 51	17 29	5 21		n.a.
T 25	23 37	20 47	2 23	19 4	3 40	23 10	1 40	27 25	3 57	24 3	0 50	9 38	2 5	14 4	0 47	16 22	1 31	29 26	5 44	17 50	17 28	5 23		n.a.
W26	23 40	20 26	3 25	18 56	3 40	22 55	1 38	27 24	3 58	24 1	0 50	9 40	2 5	14 3	0 47	16 22	1 31	29 26	5 44	17 49	17 27	5 25		n.a.
T 27	23 43	18 55	4 14	18 52	3 38	22 39	1 37	27 23	3 59	24 0	0 50	9 41	2 5	14 2	0 46	16 21	1 31	29 26	5 44	17 48	17 26	5 27		n.a.
F 28	23 46	16 25	4 49	18 50	3 34	22 23	1 36	27 22	4 0	23 59	0 50	9 43	2 6	14 1	0 46	16 21	1 31	29 27	5 44	17 46	17 26	5 29		n.a.
S 29	23 48	13 10	5 7	18 50	3 29	22 6	1 35	27 21	4 0	23 57	0 50	9 45	2 6	14 1	0 46	16 20	1 31	29 27	5 44	17 44	17 25	5 32		n.a.
S 30	23 50	9 24	5 10	18 53	3 22	21 49	1 34	27 19	4 1	23 56	0 50	9 46	2 6	14 0	0 46	16 20	1 31	29 27	5 44	17 43	17 24	5 34		n.a.
M31	23s51	5s20	4n59	18s58	3n14	21s31	1s32	27n17	4n 1	23s54	0s50	9s48	2n 6	13s59	0s46	16s19	1s31	29s27	5s44	17s41	17s23	5n36		n.a.

Julian Day Number = 1198719.5, Delta T = 09h24m44s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'18, Lahiri = -23°42'17 Julian Calendar 1 Dec. 1432 BCE == Greg. Calendar 18 Nov. 1432 BCE

The year -1431 astronomical counting style corresponds to year 1432 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

JANUARY 1431 BCE (-1430) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 50 26	29♐ 2'16	16♓44	8°R39	3♒24	17°R24	14♉37	0♏20	25♒29	20♒35	23♐56	18°R39	17♏33	6♈14	n.a.	T 1
W 2	5 54 22	0♉ 2'57	28°38	8°D37	4°37	17♊ 2	14°51	0°24	25°32	20°37	23°58	18°D38	17°29	6°21	n.a.	W 2
T 3	5 58 19	1° 3'37	10♈28	8♐42	5°49	16°40	15° 5	0°29	25°34	20°38	24° 0	18♏38	17°26	6°27	n.a.	T 3
F 4	6 2 15	2° 4'14	22°19	8°54	7° 2	16°18	15°19	0°33	25°36	20°40	24° 2	18°39	17°23	6°34	n.a.	F 4
S 5	6 6 12	3° 4'50	4♉16	9°12	8°15	15°58	15°34	0°38	25°39	20°42	24° 3	18°41	17°20	6°41	n.a.	S 5
S 6	6 10 8	4° 5'24	16°24	9°35	9°27	15°37	15°48	0°42	25°41	20°43	24° 5	18°R42	17°17	6°47	n.a.	S 6
M 7	6 14 5	5° 5'56	28°48	10° 4	10°40	15°17	16° 2	0°46	25°43	20°45	24° 7	18°41	17°14	6°54	n.a.	M 7
T 8	6 18 1	6° 6'26	11♊29	10°38	11°52	14°58	16°16	0°51	25°46	20°47	24° 9	18°39	17°10	7° 1	n.a.	T 8
W 9	6 21 58	7° 6'54	24°30	11°17	13° 5	14°40	16°31	0°55	25°48	20°49	24°11	18°34	17° 7	7° 7	n.a.	W 9
T 10	6 25 55	8° 7'20	7♋51	11°59	14°17	14°22	16°45	0°59	25°51	20°50	24°13	18°27	17° 4	7°14	n.a.	T 10
F 11	6 29 51	9° 7'44	21°30	12°46	15°29	14° 4	16°59	1° 3	25°53	20°52	24°14	18°19	17° 1	7°21	n.a.	F 11
S 12	6 33 48	10° 8'07	5♌24	13°36	16°41	13°48	17°14	1° 6	25°56	20°54	24°16	18°10	16°58	7°27	n.a.	S 12
S 13	6 37 44	11° 8'27	19°29	14°29	17°53	13°32	17°28	1°10	25°59	20°56	24°18	18° 1	16°55	7°34	n.a.	S 13
M14	6 41 41	12° 8'46	3♍40	15°26	19° 5	13°17	17°42	1°14	26° 1	20°58	24°20	17°54	16°51	7°41	n.a.	M14
T 15	6 45 37	13° 9'04	17°53	16°25	20°17	13° 2	17°57	1°18	26° 4	20°59	24°22	17°49	16°48	7°47	n.a.	T 15
W16	6 49 34	14° 9'19	2♎ 5	17°27	21°29	12°48	18°11	1°21	26° 7	21° 1	24°23	17°47	16°45	7°54	n.a.	W16
T 17	6 53 30	15° 9'33	16°14	18°31	22°40	12°35	18°25	1°25	26° 9	21° 3	24°25	17°D46	16°42	8° 1	n.a.	T 17
F 18	6 57 27	16° 9'46	0♏17	19°38	23°52	12°23	18°40	1°28	26°12	21° 5	24°27	17°47	16°39	8° 7	n.a.	F 18
S 19	7 1 24	17° 9'57	14°16	20°46	25° 4	12°12	18°54	1°31	26°15	21° 7	24°29	17°R47	16°35	8°14	n.a.	S 19
S 20	7 5 20	18°10'06	28° 8	21°57	26°15	12° 1	19° 9	1°34	26°18	21° 9	24°30	17°47	16°32	8°21	n.a.	S 20
M21	7 9 17	19°10'13	11♐53	23°10	27°26	11°51	19°23	1°38	26°21	21°11	24°32	17°44	16°29	8°27	n.a.	M21
T 22	7 13 13	20°10'18	25°29	24°24	28°37	11°42	19°37	1°41	26°23	21°13	24°34	17°39	16°26	8°34	n.a.	T 22
W23	7 17 10	21°10'22	8♑55	25°41	29°48	11°33	19°52	1°43	26°26	21°15	24°35	17°31	16°23	8°41	n.a.	W23
T 24	7 21 6	22°10'24	22° 8	26°59	0♓59	11°26	20° 6	1°46	26°29	21°17	24°37	17°21	16°20	8°47	n.a.	T 24
F 25	7 25 3	23°10'23	5♒ 7	28°18	2°10	11°19	20°21	1°49	26°32	21°19	24°39	17° 9	16°16	8°54	n.a.	F 25
S 26	7 28 59	24°10'20	17°51	29°39	3°21	11°13	20°35	1°52	26°35	21°21	24°40	16°57	16°13	9° 1	n.a.	S 26
S 27	7 32 56	25°10'15	0♓19	1♑ 1	4°32	11° 8	20°49	1°54	26°38	21°23	24°42	16°46	16°10	9° 8	n.a.	S 27
M28	7 36 53	26°10'08	12°33	2°25	5°42	11° 4	21° 4	1°57	26°41	21°25	24°44	16°36	16° 7	9°14	n.a.	M28
T 29	7 40 49	27° 9'58	24°34	3°50	6°53	11° 0	21°18	1°59	26°44	21°27	24°45	16°29	16° 4	9°21	n.a.	T 29
W30	7 44 46	28° 9'46	6♈27	5°17	8° 3	10°57	21°32	2° 1	26°47	21°30	24°47	16°24	16° 1	9°28	n.a.	W30
T 31	7 48 42	29♑ 9'32	18♈16	6♑45	9♓13	10♊55	21♑47	2♏ 4	26♒51	21♒32	24♐49	16♏22	15♏57	9♈34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s51	1s 7	4n35	19s 5	3n 6	21s12	1s31	27n16	4n 2	23s53	0s50	9s49	2n 6	13s58	0s46	16s19	1s31	29s27	5s44	17s41	17s22	5n38			n.a.
W 2	23 52	3n 5	3 59	19 14	2 56	20 53	1 29	27 14	4 2	23 51	0 50	9 51	2 6	13 58	0 46	16 18	1 31	29 27	5 45	17 40	17 21	5 40			n.a.
T 3	23 51	7 9	3 13	19 24	2 46	20 33	1 27	27 12	4 2	23 50	0 50	9 52	2 6	13 57	0 46	16 17	1 31	29 28	5 45	17 40	17 20	5 42			n.a.
F 4	23 51	10 58	2 18	19 36	2 36	20 13	1 25	27 10	4 2	23 48	0 50	9 54	2 6	13 56	0 46	16 17	1 30	29 28	5 45	17 41	17 19	5 44			n.a.
S 5	23 49	14 23	1 17	19 49	2 25	19 52	1 24	27 7	4 2	23 46	0 51	9 55	2 7	13 55	0 46	16 16	1 30	29 28	5 45	17 41	17 18	5 46			n.a.
S 6	23 48	17 14	0 12	20 4	2 15	19 31	1 22	27 5	4 2	23 45	0 51	9 57	2 7	13 54	0 46	16 16	1 30	29 28	5 45	17 42	17 17	5 48			n.a.
M 7	23 46	19 22	0s54	20 19	2 4	19 9	1 20	27 3	4 2	23 43	0 51	9 58	2 7	13 53	0 46	16 15	1 30	29 28	5 45	17 41	17 16	5 50			n.a.
T 8	23 43	20 35	2 0	20 35	1 53	18 46	1 18	27 0	4 2	23 41	0 51	9 59	2 7	13 53	0 46	16 15	1 30	29 29	5 45	17 41	17 16	5 52			n.a.
W 9	23 40	20 44	3 1	20 51	1 42	18 23	1 15	26 58	4 2	23 40	0 51	10 1	2 7	13 52	0 46	16 14	1 30	29 29	5 45	17 39	17 15	5 54			n.a.
T 10	23 36	19 44	3 53	21 8	1 31	18 0	1 13	26 55	4 1	23 38	0 51	10 2	2 7	13 51	0 46	16 13	1 30	29 29	5 45	17 37	17 14	5 56			n.a.
F 11	23 32	17 36	4 34	21 25	1 20	17 36	1 11	26 52	4 1	23 36	0 51	10 3	2 7	13 50	0 46	16 13	1 30	29 29	5 45	17 35	17 13	5 59			n.a.
S 12	23 28	14 26	4 59	21 42	1 9	17 12	1 8	26 50	4 0	23 34	0 51	10 4	2 8	13 49	0 46	16 12	1 30	29 29	5 46	17 33	17 12	6 1			n.a.
S 13	23 23	10 24	5 6	21 58	0 58	16 47	1 6	26 47	3 59	23 32	0 51	10 6	2 8	13 48	0 46	16 12	1 30	29 30	5 46	17 30	17 11	6 3			n.a.
M14	23 18	5 46	4 55	22 15	0 48	16 22	1 3	26 44	3 59	23 31	0 51	10 7	2 8	13 47	0 46	16 11	1 30	29 30	5 46	17 28	17 10	6 5			n.a.
T 15	23 12	0 49	4 25	22 32	0 38	15 56	1 1	26 42	3 58	23 29	0 51	10 8	2 8	13 46	0 46	16 10	1 30	29 30	5 46	17 27	17 9	6 7			n.a.
W16	23 6	4s11	3 40	22 48	0 28	15 30	0 58	26 39	3 57	23 27	0 51	10 9	2 8	13 45	0 46	16 10	1 30	29 30	5 46	17 26	17 8	6 9			n.a.
T 17	22 59	8 57	2 41	23 3	0 18	15 4	0 55	26 37	3 56	23 25	0 51	10 10	2 8	13 44	0 46	16 9	1 30	29 30	5 46	17 26	17 7	6 11			n.a.
F 18	22 52	13 13	1 32	23 18	0 8	14 37	0 52	26 34	3 55	23 23	0 51	10 11	2 8	13 43	0 46	16 8	1 30	29 31	5 46	17 26	17 6	6 13			n.a.
S 19	22 44	16 42	0 19	23 33	0s 1	14 10	0 50	26 31	3 55	23 21	0 51	10 12	2 9	13 42	0 46	16 8	1 30	29 31	5 46	17 26	17 5	6 15			n.a.
S 20	22 36	19 12	0n55	23 47	0 10	13 43	0 47	26 29	3 53	23 19	0 52	10 13	2 9	13 41	0 46	16 7	1 30	29 31	5 47	17 26	17 4	6 17			n.a.
M21	22 28	20 33	2 5	23 59	0 19	13 15	0 43	26 27	3 52	23 17	0 52	10 14	2 9	13 40	0 46	16 6	1 30	29 31	5 47	17 25	17 4	6 19			n.a.
T 22	22 19	20 40	3 7	24 11	0 27	12 47	0 40	26 24	3 51	23 15	0 52	10 15	2 9	13 39	0 46	16 6	1 30	29 31	5 47	17 24	17 3	6 21			n.a.
W23	22 10	19 36	3 57	24 23	0 35	12 19	0 37	26 22	3 50	23 13	0 52	10 16	2 9	13 38	0 46	16 5	1 30	29 32	5 47	17 21	17 2	6 23			n.a.
T 24	22 0	17 30	4 34	24 33	0 43	11 50	0 34	26 20	3 49	23 11	0 52	10 17	2 9	13 37	0 46	16 4	1 30	29 32	5 47	17 19	17 1	6 25			n.a.
F 25	21 50	14 32	4 56	24 42	0 51	11 22	0 31	26 17	3 48	23 9	0 52	10 17	2 10	13 36	0 46	16 4	1 30	29 32	5 47	17 15	17 0	6 27			n.a.
S 26	21 39	10 57	5 2	24 50	0 58	10 52	0 27	26 15	3 47	23 7	0 52	10 18	2 10	13 35	0 46	16 3	1 30	29 32	5 47	17 12	16 59	6 29			n.a.
S 27	21 29	6 58	4 54	24 56	1 5	10 23	0 24	26 13	3 45	23 4	0 52	10 19	2 10	13 34	0 46	16 2	1 30	29 32	5 48	17 8	16 58	6 31			n.a.
M28	21 17	2 47	4 33	25 2	1 12	9 54	0 20	26 11	3 44	23 2	0 52	10 20	2 10	13 33	0 46	16 2	1 30	29 33	5 48	17 6	16 57	6 33			n.a.
T 29	21 6	1n27	3 59	25 6	1 18	9 24	0 17	26 10	3 43	23 0	0 52	10 20	2 10	13 32	0 46	16 1	1 30	29 33	5 48	17 3	16 56	6 35			n.a.
W30	20 54	5 35	3 15	25 9	1 24	8 54	0 13	26 8	3 41	22 58	0 52	10 21	2 10	13 31	0 46	16 0	1 30	29 33	5 48	17 2	16 55	6 37			n.a.
T 31	20s41	9n29	2n23	25s11	1s29	8s24	0s 9	26n 6	3n40	22s56	0s53	10s22	2n11	13s30	0s46	16s 0	1s30	29s33	5s48	17s 1	16s54	6n39			n.a.

Julian Day Number = 1198750.5, Delta T = 09h24m42s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'14, Lahiri = -23°42'13 Julian Calendar 1 Jan. 1431 BCE == Greg. Calendar 19 Dec. 1432 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

FEBRUARY 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 52 39	0♒ 9'15	0♉ 6	8♋14	10♓23	10°R54	22♋ 1	2♏ 6	26♒54	21♒34	24♐50	16°D21	15♏54	9♈41	n.a.	F 1
S 2	7 56 35	1° 8'56	12° 2	9°45	11°33	10°D54	22°15	2° 8	26°57	21°36	24°52	16°R21	15°51	9°48	n.a.	S 2
S 3	8 0 32	2° 8'34	24°10	11°16	12°43	10♊54	22°30	2°10	27° 0	21°38	24°53	16♏21	15°48	9°54	n.a.	S 3
M 4	8 4 28	3° 8'11	6♊35	12°49	13°52	10°55	22°44	2°11	27° 3	21°40	24°55	16°20	15°45	10° 1	n.a.	M 4
T 5	8 8 25	4° 7'44	19°22	14°24	15° 2	10°57	22°58	2°13	27° 6	21°42	24°56	16°16	15°41	10° 8	n.a.	T 5
W 6	8 12 22	5° 7'15	2♋32	15°59	16°11	10°59	23°13	2°15	27°10	21°45	24°58	16° 9	15°38	10°14	n.a.	W 6
T 7	8 16 18	6° 6'44	16° 8	17°36	17°20	11° 2	23°27	2°16	27°13	21°47	24°59	16° 0	15°35	10°21	n.a.	T 7
F 8	8 20 15	7° 6'11	0♌ 7	19°14	18°29	11° 6	23°41	2°18	27°16	21°49	25° 1	15°49	15°32	10°28	n.a.	F 8
S 9	8 24 11	8° 5'35	14°26	20°54	19°38	11°11	23°55	2°19	27°19	21°51	25° 2	15°37	15°29	10°34	n.a.	S 9
S 10	8 28 8	9° 4'57	28°59	22°34	20°47	11°16	24° 9	2°20	27°23	21°53	25° 4	15°26	15°26	10°41	n.a.	S 10
M11	8 32 4	10° 4'17	13♍37	24°16	21°55	11°22	24°23	2°22	27°26	21°56	25° 5	15°16	15°22	10°48	n.a.	M11
T 12	8 36 1	11° 3'35	28°15	26° 0	23° 4	11°28	24°38	2°23	27°29	21°58	25° 7	15° 8	15°19	10°54	n.a.	T 12
W13	8 39 57	12° 2'51	12♎45	27°44	24°12	11°35	24°52	2°24	27°32	22° 0	25° 8	15° 4	15°16	11° 1	n.a.	W13
T 14	8 43 54	13° 2'05	27° 4	29°30	25°20	11°43	25° 6	2°24	27°36	22° 2	25° 9	15° 2	15°13	11° 8	n.a.	T 14
F 15	8 47 50	14° 1'17	11♏10	1♒17	26°28	11°51	25°20	2°25	27°39	22° 5	25°11	15° 1	15°10	11°14	n.a.	F 15
S 16	8 51 47	15° 0'28	25° 1	3° 6	27°36	12° 0	25°34	2°26	27°42	22° 7	25°12	15° 1	15° 7	11°21	n.a.	S 16
S 17	8 55 44	15°59'36	8♐40	4°56	28°43	12°10	25°48	2°26	27°46	22° 9	25°13	15° 0	15° 3	11°28	n.a.	S 17
M18	8 59 40	16°58'43	22° 5	6°47	29°50	12°20	26° 2	2°27	27°49	22°11	25°15	14°57	15° 0	11°34	n.a.	M18
T 19	9 3 37	17°57'47	5♋19	8°40	0♈57	12°30	26°15	2°27	27°53	22°14	25°16	14°51	14°57	11°41	n.a.	T 19
W20	9 7 33	18°56'50	18°22	10°34	2° 4	12°42	26°29	2°28	27°56	22°16	25°17	14°42	14°54	11°48	n.a.	W20
T 21	9 11 30	19°55'51	1♒14	12°29	3°11	12°53	26°43	2°28	27°59	22°18	25°18	14°30	14°51	11°54	n.a.	T 21
F 22	9 15 26	20°54'49	13°54	14°26	4°18	13° 6	26°57	2°R28	28° 3	22°20	25°19	14°17	14°47	12° 1	n.a.	F 22
S 23	9 19 23	21°53'45	26°22	16°24	5°24	13°19	27°11	2°28	28° 6	22°23	25°21	14° 3	14°44	12° 8	n.a.	S 23
S 24	9 23 19	22°52'39	8♓39	18°23	6°30	13°32	27°24	2°28	28°10	22°25	25°22	13°50	14°41	12°14	n.a.	S 24
M25	9 27 16	23°51'31	20°46	20°24	7°36	13°46	27°38	2°27	28°13	22°27	25°23	13°39	14°38	12°21	n.a.	M25
T 26	9 31 12	24°50'20	2♈43	22°26	8°41	14° 0	27°52	2°27	28°16	22°30	25°24	13°30	14°35	12°28	n.a.	T 26
W27	9 35 9	25°49'08	14°33	24°28	9°47	14°15	28° 5	2°27	28°20	22°32	25°25	13°24	14°32	12°34	n.a.	W27
T 28	9 39 6	26♒47'52	26♈21	26♒32	10♈52	14♊30	28♋19	2♏26	28♒23	22♒34	25♐26	13♏21	14♏28	12♈41	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s28	13n 2	1n25	25s11	1s35	7s53	0s 6	26n 5	3n38	22s53	0s53	10s22	2n11	13s29	0s46	15s59	1s30	29s34	5s48	17s 1	16s53	6n41		n.a.
S 2	20 15	16 5	0 23	25 9	1 40	7 23	0 2	26 3	3 37	22 51	0 53	10 23	2 11	13 27	0 46	15 58	1 30	29 34	5 49	17 1	16 52	6 44		n.a.
S 3	20 2	18 29	0s41	25 6	1 44	6 52	0n 2	26 2	3 36	22 49	0 53	10 23	2 11	13 26	0 45	15 57	1 30	29 34	5 49	17 1	16 51	6 46		n.a.
M 4	19 48	20 4	1 45	25 2	1 48	6 22	0 6	26 0	3 34	22 47	0 53	10 24	2 11	13 25	0 45	15 57	1 30	29 34	5 49	17 1	16 51	6 48		n.a.
T 5	19 34	20 41	2 45	24 56	1 52	5 51	0 10	25 59	3 33	22 44	0 53	10 24	2 11	13 24	0 45	15 56	1 30	29 35	5 49	17 0	16 50	6 50		n.a.
W 6	19 19	20 11	3 39	24 48	1 56	5 20	0 14	25 58	3 31	22 42	0 53	10 25	2 12	13 23	0 45	15 55	1 30	29 35	5 49	16 58	16 49	6 52		n.a.
T 7	19 4	18 33	4 21	24 38	1 59	4 49	0 18	25 57	3 30	22 40	0 53	10 25	2 12	13 22	0 45	15 54	1 30	29 35	5 49	16 55	16 48	6 54		n.a.
F 8	18 49	15 46	4 50	24 27	2 1	4 18	0 22	25 56	3 28	22 37	0 53	10 25	2 12	13 21	0 45	15 54	1 30	29 35	5 50	16 52	16 47	6 56		n.a.
S 9	18 34	12 0	5 1	24 14	2 3	3 47	0 26	25 55	3 27	22 35	0 54	10 26	2 12	13 19	0 45	15 53	1 30	29 35	5 50	16 48	16 46	6 58		n.a.
S 10	18 18	7 28	4 52	23 59	2 5	3 15	0 30	25 55	3 25	22 32	0 54	10 26	2 12	13 18	0 45	15 52	1 30	29 36	5 50	16 45	16 45	7 0		n.a.
M11	18 2	2 29	4 25	23 42	2 6	2 44	0 34	25 54	3 24	22 30	0 54	10 26	2 13	13 17	0 45	15 52	1 30	29 36	5 50	16 42	16 44	7 2		n.a.
T 12	17 46	2s39	3 40	23 24	2 7	2 13	0 38	25 53	3 22	22 28	0 54	10 26	2 13	13 16	0 45	15 51	1 30	29 36	5 50	16 40	16 43	7 4		n.a.
W13	17 29	7 36	2 42	23 3	2 7	1 42	0 43	25 53	3 21	22 25	0 54	10 26	2 13	13 15	0 45	15 50	1 30	29 36	5 50	16 38	16 42	7 6		n.a.
T 14	17 12	12 3	1 33	22 41	2 7	1 10	0 47	25 53	3 19	22 23	0 54	10 27	2 13	13 14	0 45	15 49	1 30	29 37	5 51	16 38	16 41	7 8		n.a.
F 15	16 55	15 46	0 20	22 17	2 7	0 39	0 51	25 52	3 18	22 20	0 54	10 27	2 13	13 12	0 45	15 49	1 30	29 37	5 51	16 38	16 40	7 10		n.a.
S 16	16 37	18 30	0n53	21 50	2 5	0 8	0 56	25 52	3 16	22 18	0 54	10 27	2 13	13 11	0 45	15 48	1 30	29 37	5 51	16 38	16 39	7 12		n.a.
S 17	16 19	20 8	2 2	21 22	2 4	0n24	1 0	25 52	3 15	22 15	0 54	10 27	2 14	13 10	0 45	15 47	1 30	29 37	5 51	16 37	16 38	7 14		n.a.
M18	16 1	20 35	3 2	20 52	2 2	0 55	1 4	25 52	3 13	22 13	0 55	10 27	2 14	13 9	0 45	15 46	1 30	29 38	5 51	16 36	16 37	7 16		n.a.
T 19	15 43	19 53	3 53	20 19	1 59	1 26	1 9	25 52	3 12	22 10	0 55	10 27	2 14	13 8	0 45	15 46	1 30	29 38	5 52	16 35	16 36	7 18		n.a.
W20	15 24	18 7	4 30	19 45	1 56	1 57	1 13	25 52	3 10	22 7	0 55	10 27	2 14	13 7	0 45	15 45	1 30	29 38	5 52	16 32	16 35	7 20		n.a.
T 21	15 6	15 29	4 52	19 9	1 52	2 28	1 17	25 52	3 9	22 5	0 55	10 27	2 14	13 5	0 45	15 44	1 30	29 38	5 52	16 28	16 34	7 21		n.a.
F 22	14 47	12 10	5 0	18 30	1 48	2 59	1 22	25 52	3 7	22 2	0 55	10 26	2 14	13 4	0 45	15 43	1 30	29 39	5 52	16 24	16 34	7 23		n.a.
S 23	14 27	8 21	4 53	17 50	1 43	3 30	1 26	25 52	3 6	22 0	0 55	10 26	2 15	13 3	0 45	15 43	1 30	29 39	5 52	16 20	16 33	7 25		n.a.
S 24	14 8	4 15	4 33	17 7	1 37	4 0	1 31	25 53	3 5	21 57	0 55	10 26	2 15	13 2	0 45	15 42	1 30	29 39	5 53	16 16	16 32	7 27		n.a.
M25	13 48	0 3	4 0	16 23	1 31	4 31	1 35	25 53	3 3	21 55	0 56	10 26	2 15	13 1	0 45	15 41	1 30	29 39	5 53	16 13	16 31	7 29		n.a.
T 26	13 28	4n 6	3 18	15 37	1 25	5 1	1 40	25 53	3 2	21 52	0 56	10 26	2 15	12 59	0 45	15 40	1 30	29 40	5 53	16 10	16 30	7 31		n.a.
W27	13 8	8 5	2 26	14 49	1 18	5 32	1 44	25 54	3 0	21 49	0 56	10 25	2 15	12 58	0 45	15 40	1 30	29 40	5 53	16 8	16 29	7 33		n.a.
T 28	12s48	11n43	1n29	13s59	1s10	6n 2	1n48	25n54	2n59	21s47	0s56	10s25	2n15	12s57	0s45	15s39	1s30	29s40	5s54	16s 7	16s28	7n35		n.a.

Julian Day Number = 1198781.5, Delta T = 09h24m40s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'09, Lahiri = -23°42'09 Julian Calendar 1 Feb. 1431 BCE == Greg. Calendar 19 Jan. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

MARCH 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 43 2	27♒46'35	8♉ 9	28♒37	11♈57	14♊46	28♑32	2°R26	28♒27	22♒36	25♐27	13°D20	14♏25	12♈48	n.a.	F 1
S 2	9 46 59	28°45'15	20° 4	0♓42	13° 2	15° 2	28°45	2♏25	28°30	22°39	25°28	13♏20	14°22	12°54	n.a.	S 2
S 3	9 50 55	29°43'53	2♊10	2°48	14° 6	15°19	28°59	2°24	28°33	22°41	25°29	13°R20	14°19	13° 1	n.a.	S 3
M 4	9 54 52	0♓42'28	14°33	4°54	15°10	15°36	29°12	2°23	28°37	22°43	25°30	13°19	14°16	13° 8	n.a.	M 4
T 5	9 58 48	1°41'01	27°19	7° 0	16°14	15°54	29°25	2°22	28°40	22°45	25°31	13°16	14°12	13°14	n.a.	T 5
W 6	10 2 45	2°39'32	10♋30	9° 6	17°18	16°12	29°39	2°21	28°44	22°48	25°32	13°11	14° 9	13°21	n.a.	W 6
T 7	10 6 41	3°38'01	24°10	11°11	18°21	16°30	29°52	2°20	28°47	22°50	25°33	13° 4	14° 6	13°28	n.a.	T 7
F 8	10 10 38	4°36'27	8♌17	13°16	19°24	16°49	0♒ 5	2°19	28°50	22°52	25°34	12°55	14° 3	13°34	n.a.	F 8
S 9	10 14 34	5°34'51	22°49	15°19	20°26	17° 8	0°18	2°17	28°54	22°54	25°35	12°45	14° 0	13°41	n.a.	S 9
S 10	10 18 31	6°33'13	7♍40	17°21	21°29	17°27	0°31	2°16	28°57	22°57	25°35	12°35	13°57	13°48	n.a.	S 10
M11	10 22 28	7°31'33	22°40	19°21	22°31	17°47	0°44	2°14	29° 1	22°59	25°36	12°26	13°53	13°54	n.a.	M11
T 12	10 26 24	8°29'51	7♎41	21°20	23°32	18° 7	0°57	2°13	29° 4	23° 1	25°37	12°20	13°50	14° 1	n.a.	T 12
W13	10 30 21	9°28'07	22°33	23°15	24°34	18°28	1° 9	2°11	29° 7	23° 3	25°38	12°16	13°47	14° 8	n.a.	W13
T 14	10 34 17	10°26'21	7♏11	25° 8	25°35	18°49	1°22	2° 9	29°11	23° 5	25°39	12°D14	13°44	14°14	n.a.	T 14
F 15	10 38 14	11°24'34	21°29	26°58	26°35	19°10	1°35	2° 7	29°14	23° 8	25°39	12°15	13°41	14°21	n.a.	F 15
S 16	10 42 10	12°22'45	5♐26	28°45	27°35	19°32	1°47	2° 5	29°17	23°10	25°40	12°15	13°38	14°28	n.a.	S 16
S 17	10 46 7	13°20'55	19° 4	0♈28	28°35	19°54	2° 0	2° 3	29°21	23°12	25°41	12°R15	13°34	14°34	n.a.	S 17
M18	10 50 3	14°19'03	2♑22	2° 8	29°35	20°16	2°12	2° 1	29°24	23°14	25°41	12°14	13°31	14°41	n.a.	M18
T 19	10 54 0	15°17'10	15°24	3°44	0♉34	20°39	2°25	1°59	29°27	23°16	25°42	12°10	13°28	14°48	n.a.	T 19
W20	10 57 56	16°15'15	28°11	5°16	1°32	21° 2	2°37	1°56	29°31	23°18	25°42	12° 4	13°25	14°54	n.a.	W20
T 21	11 1 53	17°13'18	10♒45	6°43	2°31	21°25	2°49	1°54	29°34	23°20	25°43	11°56	13°22	15° 1	n.a.	T 21
F 22	11 5 50	18°11'19	23° 8	8° 7	3°28	21°48	3° 1	1°51	29°37	23°22	25°43	11°46	13°18	15° 8	n.a.	F 22
S 23	11 9 46	19° 9'19	5♓22	9°27	4°26	22°12	3°13	1°49	29°41	23°25	25°44	11°36	13°15	15°14	n.a.	S 23
S 24	11 13 43	20° 7'17	17°27	10°42	5°22	22°36	3°25	1°46	29°44	23°27	25°44	11°27	13°12	15°21	n.a.	S 24
M25	11 17 39	21° 5'14	29°24	11°52	6°19	23° 0	3°37	1°44	29°47	23°29	25°45	11°18	13° 9	15°28	n.a.	M25
T 26	11 21 36	22° 3'08	11♈16	12°58	7°15	23°25	3°49	1°41	29°50	23°31	25°45	11°12	13° 6	15°34	n.a.	T 26
W27	11 25 32	23° 1'01	23° 4	14° 0	8°10	23°50	4° 1	1°38	29°54	23°33	25°45	11° 8	13° 3	15°41	n.a.	W27
T 28	11 29 29	23°58'52	4♉51	14°56	9° 5	24°15	4°13	1°35	29°57	23°35	25°46	11° 6	12°59	15°48	n.a.	T 28
F 29	11 33 25	24°56'42	16°40	15°49	9°59	24°40	4°24	1°32	29°59	23°37	25°46	11°D 6	12°56	15°54	n.a.	F 29
S 30	11 37 22	25°54'29	28°35	16°36	10°52	25° 6	4°36	1°29	0♓ 3	23°39	25°46	11° 7	12°53	16° 1	n.a.	S 30
S 31	11 41 19	26♓52'15	10♊42	17♈18	11♉45	25♊32	4♒47	1♏26	0♓ 6	23♒41	25♐47	11♏ 9	12♏50	16♈ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s27	14n54	0n27	13s 7	1s 2	6n32	1n53	25n55	2n57	21s44	0s56	10s25	2n16	12s56	0s45	15s38	1s30	29s40	5s54	16s 7	16s27	7n37		n.a.
S 2	12 7	17 30	0s36	12 14	0 53	7 2	1 57	25 55	2 56	21 41	0 56	10 24	2 16	12 54	0 45	15 37	1 30	29 41	5 54	16 7	16 26	7 39		n.a.
S 3	11 46	19 21	1 38	11 20	0 44	7 31	2 2	25 56	2 55	21 39	0 56	10 24	2 16	12 53	0 45	15 37	1 30	29 41	5 54	16 7	16 25	7 41		n.a.
M 4	11 25	20 20	2 38	10 24	0 34	8 0	2 6	25 56	2 53	21 36	0 57	10 23	2 16	12 52	0 45	15 36	1 30	29 41	5 54	16 7	16 24	7 43		n.a.
T 5	11 4	20 19	3 31	9 28	0 24	8 30	2 10	25 57	2 52	21 33	0 57	10 23	2 16	12 51	0 45	15 35	1 30	29 41	5 55	16 6	16 23	7 45		n.a.
W 6	10 42	19 11	4 16	8 30	0 13	8 58	2 15	25 57	2 50	21 31	0 57	10 22	2 16	12 50	0 45	15 34	1 30	29 42	5 55	16 4	16 22	7 47		n.a.
T 7	10 21	16 57	4 47	7 32	0 3	9 27	2 19	25 58	2 49	21 28	0 57	10 22	2 17	12 48	0 45	15 34	1 30	29 42	5 55	16 2	16 21	7 49		n.a.
F 8	9 59	13 39	5 2	6 34	0n 8	9 55	2 23	25 58	2 48	21 25	0 57	10 21	2 17	12 47	0 45	15 33	1 30	29 42	5 55	15 59	16 20	7 51		n.a.
S 9	9 38	9 27	4 58	5 35	0 20	10 24	2 28	25 59	2 46	21 23	0 57	10 20	2 17	12 46	0 45	15 32	1 30	29 42	5 56	15 56	16 19	7 53		n.a.
S 10	9 16	4 36	4 35	4 36	0 31	10 51	2 32	26 0	2 45	21 20	0 58	10 20	2 17	12 45	0 45	15 31	1 30	29 43	5 56	15 53	16 18	7 55		n.a.
M11	8 54	0s35	3 52	3 38	0 42	11 19	2 36	26 0	2 44	21 17	0 58	10 19	2 17	12 44	0 45	15 31	1 30	29 43	5 56	15 50	16 17	7 57		n.a.
T 12	8 32	5 45	2 53	2 41	0 54	11 46	2 40	26 1	2 42	21 15	0 58	10 18	2 17	12 42	0 45	15 30	1 30	29 43	5 56	15 48	16 16	7 59		n.a.
W13	8 9	10 31	1 43	1 44	1 5	12 13	2 44	26 1	2 41	21 12	0 58	10 18	2 17	12 41	0 45	15 29	1 30	29 43	5 56	15 47	16 15	8 1		n.a.
T 14	7 47	14 34	0 27	0 48	1 16	12 40	2 48	26 2	2 40	21 9	0 58	10 17	2 18	12 40	0 45	15 29	1 30	29 44	5 57	15 47	16 14	8 3		n.a.
F 15	7 25	17 40	0n49	0n 6	1 27	13 6	2 52	26 2	2 38	21 7	0 58	10 16	2 18	12 39	0 45	15 28	1 30	29 44	5 57	15 47	16 13	8 4		n.a.
S 16	7 2	19 36	2 1	0 58	1 37	13 32	2 56	26 3	2 37	21 4	0 59	10 15	2 18	12 38	0 45	15 27	1 30	29 44	5 57	15 47	16 12	8 6		n.a.
S 17	6 39	20 21	3 4	1 49	1 47	13 58	3 0	26 3	2 36	21 1	0 59	10 14	2 18	12 36	0 45	15 26	1 30	29 45	5 57	15 47	16 11	8 8		n.a.
M18	6 17	19 55	3 55	2 38	1 56	14 23	3 4	26 4	2 35	20 58	0 59	10 14	2 18	12 35	0 45	15 26	1 30	29 45	5 58	15 47	16 10	8 10		n.a.
T 19	5 54	18 26	4 33	3 25	2 5	14 48	3 8	26 4	2 33	20 56	0 59	10 13	2 18	12 34	0 45	15 25	1 30	29 45	5 58	15 45	16 9	8 12		n.a.
W20	5 31	16 3	4 57	4 10	2 14	15 12	3 12	26 5	2 32	20 53	0 59	10 12	2 18	12 33	0 45	15 24	1 30	29 45	5 58	15 43	16 9	8 14		n.a.
T 21	5 8	12 57	5 6	4 52	2 21	15 36	3 15	26 5	2 31	20 50	1 0	10 11	2 19	12 32	0 45	15 24	1 30	29 46	5 58	15 41	16 8	8 16		n.a.
F 22	4 45	9 20	5 0	5 32	2 28	16 0	3 19	26 5	2 30	20 48	1 0	10 10	2 19	12 31	0 45	15 23	1 30	29 46	5 59	15 38	16 7	8 18		n.a.
S 23	4 22	5 22	4 40	6 10	2 35	16 23	3 22	26 6	2 28	20 45	1 0	10 9	2 19	12 29	0 45	15 22	1 30	29 46	5 59	15 35	16 6	8 20		n.a.
S 24	3 59	1 15	4 8	6 45	2 40	16 46	3 26	26 6	2 27	20 42	1 0	10 8	2 19	12 28	0 45	15 22	1 30	29 46	5 59	15 32	16 5	8 22		n.a.
M25	3 36	2n53	3 25	7 17	2 45	17 9	3 29	26 6	2 26	20 40	1 0	10 7	2 19	12 27	0 45	15 21	1 30	29 47	5 59	15 29	16 4	8 24		n.a.
T 26	3 12	6 53	2 34	7 47	2 48	17 30	3 33	26 6	2 25	20 37	1 1	10 6	2 19	12 26	0 45	15 20	1 30	29 47	5 59	15 27	16 3	8 26		n.a.
W27	2 49	10 36	1 36	8 14	2 51	17 52	3 36	26 6	2 23	20 34	1 1	10 5	2 19	12 25	0 45	15 20	1 31	29 47	6 0	15 26	16 2	8 27		n.a.
T 28	2 26	13 54	0 34	8 38	2 53	18 13	3 39	26 6	2 22	20 32	1 1	10 3	2 19	12 24	0 45	15 19	1 31	29 47	6 0	15 25	16 1	8 29		n.a.
F 29	2 3	16 38	0s30	9 0	2 54	18 34	3 42	26 6	2 21	20 29	1 1	10 2	2 19	12 23	0 45	15 18	1 31	29 48	6 0	15 25	16 0	8 31		n.a.
S 30	1 39	18 41	1 33	9 18	2 54	18 54	3 45	26 6	2 20	20 27	1 1	10 1	2 20	12 21	0 45	15 18	1 31	29 48	6 0	15 26	15 59	8 33		n.a.
S 31	1s16	19n55	2s34	9n34	2n53	19n13	3n47	26n 6	2n19	20s24	1s 2	10s 0	2n20	12s20	0s45	15s17	1s31	29s48	6s 1	15s26	15s58	8n35		n.a.

Julian Day Number = 1198809.5, Delta T = 09h24m39s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'06, Lahiri = -23°42'05 Julian Calendar 1 March 1431 BCE == Greg. Calendar 16 Feb. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

APRIL 1431 BCE (-1430) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 45 15	27♓49'59	23♊ 4	17♈56	12♉38	25♊58	4♒58	1°R22	0♓ 9	23♒43	25♐47	11°R10	12♏47	16♈14	n.a.	M 1
T 2	11 49 12	28°47'41	5♋46	18°28	13°29	26°25	5°10	1♏19	0°12	23°45	25°47	11♏10	12°44	16°21	n.a.	T 2
W 3	11 53 8	29°45'21	18°53	18°56	14°20	26°51	5°21	1°16	0°16	23°47	25°47	11° 8	12°40	16°28	n.a.	W 3
T 4	11 57 5	0♈43'00	2♌29	19°19	15°11	27°18	5°32	1°12	0°19	23°49	25°48	11° 5	12°37	16°34	n.a.	T 4
F 5	12 1 1	1°40'36	16°33	19°36	16° 0	27°45	5°43	1° 9	0°22	23°50	25°48	11° 0	12°34	16°41	n.a.	F 5
S 6	12 4 58	2°38'11	1♍ 4	19°49	16°49	28°12	5°54	1° 5	0°25	23°52	25°48	10°54	12°31	16°48	n.a.	S 6
S 7	12 8 54	3°35'45	15°57	19°57	17°37	28°40	6° 4	1° 2	0°28	23°54	25°48	10°49	12°28	16°54	n.a.	S 7
M 8	12 12 51	4°33'16	1♎ 6	20°R 0	18°25	29° 7	6°15	0°58	0°31	23°56	25°48	10°44	12°24	17° 1	n.a.	M 8
T 9	12 16 47	5°30'47	16°19	19°58	19°11	29°35	6°26	0°54	0°34	23°58	25°R48	10°41	12°21	17° 7	n.a.	T 9
W10	12 20 44	6°28'16	1♏27	19°51	19°57	0♋ 3	6°36	0°51	0°37	24° 0	25°48	10°39	12°18	17°14	n.a.	W10
T 11	12 24 41	7°25'44	16°21	19°40	20°41	0°32	6°46	0°47	0°39	24° 1	25°48	10°D39	12°15	17°21	n.a.	T 11
F 12	12 28 37	8°23'11	0♐55	19°25	21°25	1° 0	6°57	0°43	0°42	24° 3	25°48	10°40	12°12	17°27	n.a.	F 12
S 13	12 32 34	9°20'38	15° 5	19° 6	22° 8	1°29	7° 7	0°39	0°45	24° 5	25°48	10°41	12° 9	17°34	n.a.	S 13
S 14	12 36 30	10°18'03	28°50	18°43	22°49	1°58	7°17	0°35	0°48	24° 7	25°48	10°43	12° 5	17°41	n.a.	S 14
M15	12 40 27	11°15'27	12♑11	18°17	23°30	2°27	7°27	0°31	0°51	24° 8	25°48	10°R43	12° 2	17°47	n.a.	M15
T 16	12 44 23	12°12'51	25°10	17°49	24°10	2°56	7°36	0°27	0°54	24°10	25°47	10°42	11°59	17°54	n.a.	T 16
W17	12 48 20	13°10'13	7♒50	17°19	24°48	3°26	7°46	0°23	0°56	24°12	25°47	10°40	11°56	18° 1	n.a.	W17
T 18	12 52 16	14° 7'35	20°15	16°46	25°26	3°55	7°56	0°19	0°59	24°13	25°47	10°37	11°53	18° 7	n.a.	T 18
F 19	12 56 13	15° 4'56	2♓28	16°13	26° 2	4°25	8° 5	0°15	1° 2	24°15	25°47	10°33	11°49	18°14	n.a.	F 19
S 20	13 0 10	16° 2'16	14°30	15°39	26°37	4°55	8°14	0°11	1° 4	24°16	25°46	10°29	11°46	18°21	n.a.	S 20
S 21	13 4 6	16°59'35	26°26	15° 5	27°10	5°25	8°24	0° 7	1° 7	24°18	25°46	10°25	11°43	18°27	n.a.	S 21
M22	13 8 3	17°56'53	8♈16	14°32	27°43	5°55	8°33	0° 2	1° 9	24°19	25°46	10°22	11°40	18°34	n.a.	M22
T 23	13 11 59	18°54'10	20° 5	14° 1	28°14	6°26	8°42	29♎58	1°12	24°21	25°46	10°20	11°37	18°41	n.a.	T 23
W24	13 15 56	19°51'26	1♉52	13°30	28°43	6°56	8°50	29°54	1°15	24°22	25°45	10°19	11°34	18°47	n.a.	W24
T 25	13 19 52	20°48'42	13°41	13° 3	29°11	7°27	8°59	29°50	1°17	24°24	25°45	10°D18	11°30	18°54	n.a.	T 25
F 26	13 23 49	21°45'57	25°35	12°37	29°37	7°58	9° 8	29°45	1°20	24°25	25°44	10°19	11°27	19° 1	n.a.	F 26
S 27	13 27 45	22°43'10	7♊36	12°15	0♊ 2	8°29	9°16	29°41	1°22	24°27	25°44	10°20	11°24	19° 7	n.a.	S 27
S 28	13 31 42	23°40'23	19°47	11°57	0°25	9° 0	9°24	29°37	1°24	24°28	25°43	10°22	11°21	19°14	n.a.	S 28
M29	13 35 39	24°37'35	2♋13	11°42	0°46	9°32	9°33	29°32	1°27	24°29	25°43	10°23	11°18	19°21	n.a.	M29
T 30	13 39 35	25♈34'45	14♋56	11♈31	1♊ 6	10♋ 3	9♒41	29♎28	1♓29	24♒31	25♐42	10♏24	11♏15	19♈27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s53	20n13	3s28	9n47	2n51	19n32	3n50	26n 5	2n18	20s21	1s 2	9s59	2n20	12s19	0s45	15s16	1s31	29s48	6s 1	15s27	15s57	8n37		n.a.
T 2	0 29	19 30	4 14	9 56	2 48	19 51	3 52	26 5	2 16	20 19	1 2	9 57	2 20	12 18	0 46	15 16	1 31	29 49	6 1	15 26	15 56	8 39		n.a.
W 3	0 6	17 45	4 48	10 3	2 44	20 9	3 55	26 5	2 15	20 16	1 2	9 56	2 20	12 17	0 46	15 15	1 31	29 49	6 1	15 26	15 55	8 41		n.a.
T 4	0n17	14 58	5 7	10 7	2 38	20 27	3 57	26 4	2 14	20 14	1 3	9 55	2 20	12 16	0 46	15 15	1 31	29 49	6 2	15 25	15 54	8 43		n.a.
F 5	0 41	11 14	5 9	10 8	2 32	20 44	3 59	26 4	2 13	20 11	1 3	9 54	2 20	12 15	0 46	15 14	1 31	29 49	6 2	15 23	15 53	8 44		n.a.
S 6	1 4	6 45	4 52	10 6	2 24	21 0	4 1	26 3	2 12	20 9	1 3	9 52	2 20	12 14	0 46	15 13	1 31	29 50	6 2	15 22	15 52	8 46		n.a.
S 7	1 27	1 44	4 15	10 1	2 16	21 16	4 3	26 2	2 11	20 6	1 3	9 51	2 20	12 13	0 46	15 13	1 31	29 50	6 2	15 20	15 51	8 48		n.a.
M 8	1 50	3s29	3 19	9 53	2 6	21 31	4 5	26 1	2 10	20 4	1 3	9 50	2 20	12 12	0 46	15 12	1 31	29 50	6 3	15 18	15 50	8 50		n.a.
T 9	2 14	8 30	2 9	9 42	1 55	21 46	4 6	26 0	2 9	20 1	1 4	9 48	2 20	12 11	0 46	15 12	1 31	29 50	6 3	15 17	15 49	8 52		n.a.
W10	2 37	12 58	0 50	9 29	1 43	22 0	4 8	25 59	2 7	19 59	1 4	9 47	2 20	12 10	0 46	15 11	1 31	29 51	6 3	15 17	15 48	8 54		n.a.
T 11	3 0	16 31	0n31	9 13	1 31	22 14	4 9	25 58	2 6	19 56	1 4	9 45	2 20	12 9	0 46	15 11	1 31	29 51	6 3	15 17	15 47	8 56		n.a.
F 12	3 23	18 56	1 49	8 54	1 17	22 27	4 10	25 57	2 5	19 54	1 4	9 44	2 21	12 8	0 46	15 10	1 31	29 51	6 4	15 17	15 46	8 57		n.a.
S 13	3 46	20 4	2 58	8 34	1 2	22 39	4 11	25 55	2 4	19 52	1 5	9 43	2 21	12 7	0 46	15 9	1 31	29 51	6 4	15 17	15 45	8 59		n.a.
S 14	4 9	19 57	3 54	8 11	0 47	22 51	4 11	25 54	2 3	19 49	1 5	9 41	2 21	12 6	0 46	15 9	1 31	29 51	6 4	15 18	15 44	9 1		n.a.
M15	4 32	18 43	4 36	7 46	0 31	23 2	4 12	25 52	2 2	19 47	1 5	9 40	2 21	12 5	0 46	15 8	1 31	29 52	6 4	15 18	15 43	9 3		n.a.
T 16	4 55	16 31	5 2	7 20	0 15	23 12	4 12	25 51	2 1	19 45	1 5	9 38	2 21	12 4	0 46	15 8	1 31	29 52	6 5	15 18	15 42	9 5		n.a.
W17	5 17	13 35	5 13	6 53	0s 2	23 22	4 12	25 49	2 0	19 42	1 6	9 37	2 21	12 3	0 46	15 7	1 31	29 52	6 5	15 17	15 41	9 7		n.a.
T 18	5 40	10 6	5 9	6 25	0 19	23 32	4 12	25 47	1 59	19 40	1 6	9 35	2 21	12 2	0 46	15 7	1 31	29 52	6 5	15 16	15 40	9 9		n.a.
F 19	6 3	6 15	4 51	5 56	0 36	23 40	4 12	25 45	1 58	19 38	1 6	9 34	2 21	12 1	0 46	15 6	1 31	29 53	6 5	15 15	15 39	9 10		n.a.
S 20	6 25	2 12	4 21	5 27	0 53	23 48	4 11	25 43	1 57	19 36	1 6	9 32	2 21	12 0	0 46	15 6	1 31	29 53	6 5	15 14	15 38	9 12		n.a.
S 21	6 47	1n53	3 39	4 59	1 10	23 55	4 10	25 41	1 56	19 33	1 7	9 31	2 21	11 59	0 46	15 5	1 32	29 53	6 6	15 12	15 37	9 14		n.a.
M22	7 10	5 54	2 48	4 31	1 26	24 2	4 9	25 38	1 55	19 31	1 7	9 29	2 21	11 58	0 46	15 5	1 32	29 53	6 6	15 11	15 36	9 16		n.a.
T 23	7 32	9 40	1 49	4 4	1 42	24 7	4 7	25 36	1 54	19 29	1 7	9 28	2 21	11 57	0 46	15 4	1 32	29 54	6 6	15 11	15 35	9 18		n.a.
W24	7 54	13 3	0 46	3 38	1 57	24 13	4 5	25 33	1 53	19 27	1 7	9 26	2 21	11 56	0 46	15 4	1 32	29 54	6 6	15 10	15 34	9 20		n.a.
T 25	8 16	15 56	0s19	3 14	2 11	24 17	4 3	25 30	1 52	19 25	1 8	9 25	2 21	11 55	0 46	15 4	1 32	29 54	6 7	15 10	15 33	9 21		n.a.
F 26	8 38	18 9	1 24	2 51	2 25	24 21	4 1	25 28	1 51	19 23	1 8	9 23	2 21	11 54	0 46	15 3	1 32	29 54	6 7	15 10	15 32	9 23		n.a.
S 27	8 59	19 34	2 25	2 31	2 37	24 24	3 58	25 25	1 50	19 21	1 8	9 22	2 21	11 54	0 46	15 3	1 32	29 54	6 7	15 11	15 31	9 25		n.a.
S 28	9 21	20 7	3 22	2 13	2 49	24 26	3 55	25 22	1 49	19 19	1 9	9 20	2 21	11 53	0 46	15 2	1 32	29 55	6 7	15 11	15 30	9 27		n.a.
M29	9 42	19 41	4 10	1 58	2 59	24 27	3 52	25 18	1 48	19 17	1 9	9 19	2 21	11 52	0 46	15 2	1 32	29 55	6 8	15 12	15 29	9 29		n.a.
T 30	10n 4	18n16	4s46	1n45	3s 8	24n28	3n49	25n15	1n47	19s15	1s 9	9s17	2n21	11s51	0s46	15s 1	1s32	29s55	6s 8	15s12	15s28	9n31		n.a.

Julian Day Number = 1198840.5, Delta T = 09h24m37s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°49'01, Lahiri = -23°42'01 Julian Calendar 1 Apr. 1431 BCE == Greg. Calendar 19 March 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

MAY 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 43 32	26♈31'55	28♋ 1	11°R24	1♊24	10♋35	9♒49	29°R23	1♓31	24♒32	25°R42	10°R24	11♏11	19♈34	n.a.	W 1
T 2	13 47 28	27°29'04	11♌30	11°D22	1°39	11° 7	9°56	29♎19	1°34	24°33	25♐41	10♏24	11° 8	19°41	n.a.	T 2
F 3	13 51 25	28°26'12	25°24	11♈24	1°53	11°39	10° 4	29°15	1°36	24°34	25°41	10°23	11° 5	19°47	n.a.	F 3
S 4	13 55 21	29°23'19	9♍45	11°31	2° 5	12°11	10°11	29°10	1°38	24°36	25°40	10°22	11° 2	19°54	n.a.	S 4
S 5	13 59 18	0♉20'25	24°28	11°42	2°14	12°43	10°19	29° 6	1°40	24°37	25°39	10°20	10°59	20° 1	n.a.	S 5
M 6	14 3 14	1°17'30	9♎28	11°58	2°22	13°16	10°26	29° 2	1°42	24°38	25°39	10°19	10°55	20° 7	n.a.	M 6
T 7	14 7 11	2°14'35	24°38	12°18	2°27	13°48	10°33	28°57	1°44	24°39	25°38	10°19	10°52	20°14	n.a.	T 7
W 8	14 11 8	3°11'39	9♏48	12°43	2°30	14°21	10°40	28°53	1°46	24°40	25°37	10°D19	10°49	20°21	n.a.	W 8
T 9	14 15 4	4° 8'44	24°49	13°13	2°R31	14°53	10°47	28°48	1°48	24°41	25°37	10°19	10°46	20°27	n.a.	T 9
F 10	14 19 1	5° 5'47	9♐33	13°46	2°29	15°26	10°53	28°44	1°50	24°42	25°36	10°19	10°43	20°34	n.a.	F 10
S 11	14 22 57	6° 2'51	23°54	14°25	2°25	15°59	11° 0	28°40	1°52	24°43	25°35	10°19	10°40	20°41	n.a.	S 11
S 12	14 26 54	6°59'55	7♑48	15° 7	2°18	16°32	11° 6	28°35	1°54	24°44	25°34	10°20	10°36	20°47	n.a.	S 12
M13	14 30 50	7°56'59	21°17	15°54	2°10	17° 6	11°12	28°31	1°56	24°45	25°34	10°20	10°33	20°54	n.a.	M13
T 14	14 34 47	8°54'02	4♒20	16°44	1°58	17°39	11°18	28°27	1°58	24°46	25°33	10°20	10°30	21° 0	n.a.	T 14
W15	14 38 44	9°51'06	17° 0	17°39	1°45	18°13	11°24	28°23	1°59	24°47	25°32	10°20	10°27	21° 7	n.a.	W15
T 16	14 42 40	10°48'10	29°22	18°38	1°29	18°46	11°29	28°18	2° 1	24°48	25°31	10°20	10°24	21°14	n.a.	T 16
F 17	14 46 37	11°45'13	11♓30	19°41	1°11	19°20	11°35	28°14	2° 3	24°49	25°30	10°20	10°20	21°20	n.a.	F 17
S 18	14 50 33	12°42'17	23°27	20°48	0°51	19°54	11°40	28°10	2° 4	24°49	25°29	10°20	10°17	21°27	n.a.	S 18
S 19	14 54 30	13°39'21	5♈18	21°59	0°28	20°28	11°45	28° 6	2° 6	24°50	25°28	10°21	10°14	21°34	n.a.	S 19
M20	14 58 26	14°36'25	17° 6	23°13	0° 3	21° 2	11°50	28° 2	2° 7	24°51	25°27	10°21	10°11	21°40	n.a.	M20
T 21	15 2 23	15°33'30	28°53	24°31	29♉37	21°36	11°55	27°58	2° 9	24°52	25°26	10°21	10° 8	21°47	n.a.	T 21
W22	15 6 19	16°30'34	10♉44	25°53	29° 8	22°11	12° 0	27°53	2°10	24°52	25°25	10°R22	10° 5	21°54	n.a.	W22
T 23	15 10 16	17°27'39	22°39	27°18	28°38	22°45	12° 4	27°49	2°12	24°53	25°24	10°21	10° 1	22° 0	n.a.	T 23
F 24	15 14 13	18°24'44	4♊42	28°47	28° 6	23°20	12° 8	27°45	2°13	24°54	25°23	10°21	9°58	22° 7	n.a.	F 24
S 25	15 18 9	19°21'48	16°54	0♉20	27°33	23°54	12°13	27°42	2°14	24°54	25°22	10°20	9°55	22°14	n.a.	S 25
S 26	15 22 6	20°18'53	29°17	1°56	26°58	24°29	12°17	27°38	2°16	24°55	25°21	10°19	9°52	22°20	n.a.	S 26
M27	15 26 2	21°15'58	11♋53	3°36	26°23	25° 4	12°20	27°34	2°17	24°55	25°20	10°17	9°49	22°27	n.a.	M27
T 28	15 29 59	22°13'03	24°44	5°18	25°46	25°39	12°24	27°30	2°18	24°56	25°19	10°16	9°46	22°34	n.a.	T 28
W29	15 33 55	23°10'08	7♌52	7° 4	25° 9	26°14	12°27	27°26	2°19	24°56	25°18	10°15	9°42	22°40	n.a.	W29
T 30	15 37 52	24° 7'13	21°20	8°53	24°32	26°49	12°30	27°23	2°20	24°57	25°17	10°D15	9°39	22°47	n.a.	T 30
F 31	15 41 49	25♉ 4'18	5♍ 7	10♉45	23♉55	27♋24	12♒33	27♎19	2♓21	24♒57	25♐16	10♏15	9♏36	22♈54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	10n25	15n52	5s10	1n35	3s16	24n28	3n45	25n11	1n46	19s13	1s 9	9s16	2n21	11s50	0s46	15s 1	1s32	29s55	6s 8	15s12	15s27	9n32			n.a.
T 2	10 46	12 34	5 17	1 28	3 23	24 27	3 40	25 8	1 45	19 11	1 10	9 14	2 21	11 50	0 46	15 1	1 32	29 55	6 8	15 12	15 26	9 34			n.a.
F 3	11 6	8 29	5 6	1 23	3 29	24 25	3 35	25 4	1 44	19 9	1 10	9 13	2 21	11 49	0 46	15 0	1 32	29 56	6 8	15 12	15 25	9 36			n.a.
S 4	11 27	3 47	4 37	1 22	3 34	24 22	3 30	25 0	1 43	19 8	1 10	9 11	2 20	11 48	0 46	15 0	1 32	29 56	6 9	15 11	15 24	9 38			n.a.
S 5	11 47	1s15	3 48	1 23	3 37	24 19	3 25	24 56	1 42	19 6	1 11	9 10	2 20	11 47	0 46	15 0	1 32	29 56	6 9	15 11	15 23	9 40			n.a.
M 6	12 8	6 18	2 43	1 27	3 40	24 14	3 19	24 52	1 41	19 4	1 11	9 8	2 20	11 47	0 46	14 59	1 32	29 56	6 9	15 10	15 22	9 41			n.a.
T 7	12 28	11 2	1 26	1 34	3 41	24 9	3 12	24 47	1 40	19 2	1 11	9 7	2 20	11 46	0 46	14 59	1 32	29 56	6 9	15 10	15 21	9 43			n.a.
W 8	12 48	15 3	0 3	1 43	3 41	24 3	3 5	24 43	1 39	19 1	1 11	9 5	2 20	11 45	0 46	14 59	1 32	29 57	6 10	15 10	15 20	9 45			n.a.
T 9	13 7	18 1	1n20	1 56	3 41	23 56	2 58	24 38	1 38	18 59	1 12	9 4	2 20	11 44	0 46	14 58	1 32	29 57	6 10	15 10	15 19	9 47			n.a.
F 10	13 27	19 43	2 36	2 10	3 39	23 48	2 50	24 34	1 37	18 58	1 12	9 2	2 20	11 44	0 46	14 58	1 33	29 57	6 10	15 10	15 18	9 49			n.a.
S 11	13 46	20 4	3 39	2 28	3 36	23 39	2 42	24 29	1 36	18 56	1 12	9 1	2 20	11 43	0 47	14 58	1 33	29 57	6 10	15 11	15 17	9 50			n.a.
S 12	14 5	19 10	4 28	2 47	3 33	23 29	2 33	24 24	1 35	18 55	1 13	8 59	2 20	11 42	0 47	14 57	1 33	29 57	6 10	15 11	15 16	9 52			n.a.
M13	14 24	17 12	5 1	3 9	3 29	23 19	2 24	24 18	1 35	18 53	1 13	8 58	2 20	11 42	0 47	14 57	1 33	29 57	6 11	15 11	15 15	9 54			n.a.
T 14	14 43	14 24	5 16	3 34	3 24	23 7	2 15	24 13	1 34	18 52	1 13	8 56	2 20	11 41	0 47	14 57	1 33	29 58	6 11	15 11	15 14	9 56			n.a.
W15	15 1	11 0	5 16	4 0	3 18	22 54	2 4	24 8	1 33	18 51	1 14	8 55	2 20	11 41	0 47	14 57	1 33	29 58	6 11	15 11	15 13	9 57			n.a.
T 16	15 20	7 12	5 1	4 29	3 12	22 41	1 54	24 2	1 32	18 49	1 14	8 53	2 20	11 40	0 47	14 56	1 33	29 58	6 11	15 11	15 12	9 59			n.a.
F 17	15 38	3 11	4 32	5 0	3 4	22 26	1 43	23 56	1 31	18 48	1 14	8 52	2 19	11 39	0 47	14 56	1 33	29 58	6 11	15 11	15 11	10 1			n.a.
S 18	15 55	0n54	3 52	5 32	2 57	22 11	1 31	23 50	1 30	18 47	1 15	8 51	2 19	11 39	0 47	14 56	1 33	29 58	6 12	15 11	15 10	10 3			n.a.
S 19	16 13	4 56	3 3	6 7	2 48	21 54	1 20	23 44	1 29	18 46	1 15	8 49	2 19	11 38	0 47	14 56	1 33	29 58	6 12	15 11	15 9	10 5			n.a.
M20	16 30	8 46	2 6	6 43	2 39	21 37	1 7	23 38	1 28	18 45	1 15	8 48	2 19	11 38	0 47	14 56	1 33	29 59	6 12	15 11	15 8	10 6			n.a.
T 21	16 47	12 15	1 3	7 21	2 30	21 19	0 55	23 32	1 27	18 43	1 15	8 46	2 19	11 37	0 47	14 55	1 33	29 59	6 12	15 11	15 7	10 8			n.a.
W22	17 4	15 16	0s 2	8 0	2 20	21 0	0 42	23 25	1 26	18 42	1 16	8 45	2 19	11 37	0 47	14 55	1 33	29 59	6 12	15 11	15 6	10 10			n.a.
T 23	17 20	17 40	1 8	8 41	2 10	20 40	0 29	23 18	1 25	18 41	1 16	8 44	2 19	11 36	0 47	14 55	1 33	29 59	6 13	15 11	15 5	10 12			n.a.
F 24	17 37	19 18	2 11	9 23	1 59	20 20	0 15	23 12	1 25	18 41	1 16	8 42	2 19	11 36	0 47	14 55	1 33	29 59	6 13	15 11	15 4	10 13			n.a.
S 25	17 53	20 4	3 9	10 7	1 48	19 59	0 2	23 5	1 24	18 40	1 17	8 41	2 18	11 35	0 47	14 55	1 33	29 59	6 13	15 11	15 3	10 15			n.a.
S 26	18 8	19 52	3 59	10 51	1 36	19 37	0s12	22 57	1 23	18 39	1 17	8 40	2 18	11 35	0 47	14 55	1 33	29 59	6 13	15 10	15 2	10 17			n.a.
M27	18 24	18 41	4 39	11 36	1 25	19 16	0 26	22 50	1 22	18 38	1 17	8 39	2 18	11 35	0 47	14 55	1 34	30 0	6 13	15 10	15 1	10 19			n.a.
T 28	18 39	16 33	5 5	12 22	1 13	18 53	0 40	22 43	1 21	18 37	1 18	8 37	2 18	11 34	0 47	14 54	1 34	30 0	6 13	15 9	15 0	10 20			n.a.
W29	18 53	13 32	5 17	13 9	1 1	18 31	0 54	22 35	1 20	18 37	1 18	8 36	2 18	11 34	0 47	14 54	1 34	30 0	6 14	15 9	14 59	10 22			n.a.
T 30	19 8	9 44	5 11	13 56	0 49	18 8	1 8	22 27	1 19	18 36	1 18	8 35	2 18	11 33	0 47	14 54	1 34	30 0	6 14	15 9	14 58	10 24			n.a.
F 31	19n22	5n21	4s48	14n43	0s37	17n45	1s22	22n19	1n18	18s36	1s19	8s34	2n18	11s33	0s47	14s54	1s34	30s 0	6s14	15s 9	14s57	10n26			n.a.

Julian Day Number = 1198870.5, Delta T = 09h24m35s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'57, Lahiri = -23°41'57 Julian Calendar 1 May 1431 BCE == Greg. Calendar 18 Apr. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

JUNE 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 45 45	26♉ 1'23	19♍14	12♉40	23°R18	28♋ 0	12♒36	27°R15	2♓22	24♒57	25°R15	10♏16	9♏33	23♈ 0	n.a.	S 1
S 2	15 49 42	26°58'28	3♎41	14°37	22♉41	28°35	12°39	27♎12	2°23	24°58	25♐13	10°17	9°30	23° 7	n.a.	S 2
M 3	15 53 38	27°55'33	18°23	16°37	22° 4	29°11	12°41	27° 8	2°24	24°58	25°12	10°18	9°26	23°14	n.a.	M 3
T 4	15 57 35	28°52'39	3♏16	18°38	21°29	29°47	12°44	27° 5	2°25	24°58	25°11	10°R18	9°23	23°20	n.a.	T 4
W 5	16 1 31	29°49'45	18°13	20°42	20°55	0♌23	12°46	27° 2	2°26	24°58	25°10	10°18	9°20	23°27	n.a.	W 5
T 6	16 5 28	0♊46'52	3♐ 6	22°47	20°21	0°58	12°48	26°58	2°26	24°58	25° 9	10°17	9°17	23°33	n.a.	T 6
F 7	16 9 24	1°43'59	17°47	24°53	19°50	1°34	12°49	26°55	2°27	24°59	25° 7	10°15	9°14	23°40	n.a.	F 7
S 8	16 13 21	2°41'07	2♑10	27° 0	19°20	2°11	12°51	26°52	2°28	24°59	25° 6	10°13	9°11	23°47	n.a.	S 8
S 9	16 17 18	3°38'16	16° 9	29° 7	18°51	2°47	12°52	26°49	2°28	24°59	25° 5	10° 9	9° 7	23°53	n.a.	S 9
M10	16 21 14	4°35'25	29°43	1♊15	18°25	3°23	12°54	26°46	2°29	24°59	25° 4	10° 6	9° 4	24° 0	n.a.	M10
T 11	16 25 11	5°32'36	12♒50	3°23	18° 1	3°59	12°54	26°43	2°29	24°R59	25° 2	10° 4	9° 1	24° 7	n.a.	T 11
W12	16 29 7	6°29'47	25°34	5°30	17°39	4°36	12°55	26°40	2°30	24°59	25° 1	10° 2	8°58	24°13	n.a.	W12
T 13	16 33 4	7°27'00	7♓57	7°37	17°19	5°12	12°56	26°37	2°30	24°59	25° 0	10°D 2	8°55	24°20	n.a.	T 13
F 14	16 37 0	8°24'14	20° 5	9°44	17° 1	5°49	12°56	26°35	2°31	24°59	24°58	10° 2	8°52	24°27	n.a.	F 14
S 15	16 40 57	9°21'28	2♈ 0	11°49	16°46	6°26	12°R56	26°32	2°31	24°59	24°57	10° 4	8°48	24°33	n.a.	S 15
S 16	16 44 54	10°18'44	13°50	13°53	16°33	7° 3	12°56	26°29	2°31	24°59	24°56	10° 5	8°45	24°40	n.a.	S 16
M17	16 48 50	11°16'01	25°37	15°57	16°22	7°40	12°56	26°27	2°31	24°58	24°55	10° 7	8°42	24°47	n.a.	M17
T 18	16 52 47	12°13'19	7♉27	17°59	16°14	8°17	12°56	26°24	2°32	24°58	24°53	10°R 8	8°39	24°53	n.a.	T 18
W19	16 56 43	13°10'38	19°22	19°59	16° 8	8°54	12°55	26°22	2°32	24°58	24°52	10° 7	8°36	25° 0	n.a.	W19
T 20	17 0 40	14° 7'59	1♊27	21°58	16° 5	9°31	12°54	26°20	2°32	24°58	24°51	10° 5	8°32	25° 7	n.a.	T 20
F 21	17 4 36	15° 5'21	13°42	23°56	16°D 4	10° 8	12°53	26°18	2°R32	24°57	24°49	10° 2	8°29	25°13	n.a.	F 21
S 22	17 8 33	16° 2'43	26°10	25°52	16° 5	10°46	12°52	26°16	2°32	24°57	24°48	9°57	8°26	25°20	n.a.	S 22
S 23	17 12 29	17° 0'07	8♋51	27°47	16° 9	11°23	12°51	26°14	2°32	24°57	24°46	9°51	8°23	25°27	n.a.	S 23
M24	17 16 26	17°57'32	21°45	29°40	16°14	12° 1	12°49	26°12	2°32	24°56	24°45	9°44	8°20	25°33	n.a.	M24
T 25	17 20 23	18°54'57	4♌53	1♋31	16°22	12°38	12°47	26°10	2°31	24°56	24°44	9°38	8°17	25°40	n.a.	T 25
W26	17 24 19	19°52'24	18°13	3°21	16°32	13°16	12°45	26° 8	2°31	24°55	24°42	9°34	8°13	25°46	n.a.	W26
T 27	17 28 16	20°49'52	1♍48	5° 9	16°44	13°54	12°43	26° 7	2°31	24°55	24°41	9°30	8°10	25°53	n.a.	T 27
F 28	17 32 12	21°47'20	15°35	6°56	16°59	14°32	12°41	26° 5	2°31	24°54	24°40	9°D29	8° 7	26° 0	n.a.	F 28
S 29	17 36 9	22°44'50	29°34	8°41	17°15	15°10	12°38	26° 4	2°30	24°54	24°38	9°29	8° 4	26° 6	n.a.	S 29
S 30	17 40 5	23♊42'20	13♎46	10♋24	17♉33	15♌48	12♒35	26♎ 2	2♓30	24♒53	24♐37	9♏30	8♏ 1	26♈13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n36	0n34	4s 7	15n30	0s26	17n23	1s36	22n11	1n17	18s35	1s19	8s33	2n17	11s33	0s47	14s54	1s34	30s 0	6s14	15s 9	14s56	10n27		n.a.
S 2	19 50	4s22	3 9	16 17	0 14	17 0	1 49	22 3	1 17	18 35	1 19	8 32	2 17	11 32	0 47	14 54	1 34	30 0	6 14	15 10	14 55	10 29		n.a.
M 3	20 3	9 9	1 58	17 4	0 2	16 38	2 2	21 55	1 16	18 34	1 20	8 30	2 17	11 32	0 47	14 54	1 34	30 0	6 14	15 10	14 53	10 31		n.a.
T 4	20 16	13 26	0 39	17 49	0n 9	16 17	2 15	21 46	1 15	18 34	1 20	8 29	2 17	11 32	0 47	14 54	1 34	30 1	6 15	15 10	14 52	10 33		n.a.
W 5	20 28	16 52	0n44	18 33	0 20	15 55	2 28	21 38	1 14	18 34	1 21	8 28	2 17	11 32	0 47	14 54	1 34	30 1	6 15	15 10	14 51	10 34		n.a.
T 6	20 40	19 8	2 3	19 17	0 30	15 35	2 40	21 29	1 13	18 33	1 21	8 27	2 16	11 31	0 47	14 54	1 34	30 1	6 15	15 10	14 50	10 36		n.a.
F 7	20 52	20 6	3 12	19 58	0 40	15 15	2 52	21 20	1 12	18 33	1 21	8 26	2 16	11 31	0 48	14 54	1 34	30 1	6 15	15 9	14 49	10 38		n.a.
S 8	21 4	19 42	4 8	20 38	0 49	14 56	3 3	21 11	1 11	18 33	1 22	8 25	2 16	11 31	0 48	14 54	1 34	30 1	6 15	15 8	14 48	10 39		n.a.
S 9	21 15	18 6	4 48	21 16	0 58	14 38	3 14	21 2	1 11	18 33	1 22	8 24	2 16	11 31	0 48	14 54	1 34	30 1	6 15	15 7	14 47	10 41		n.a.
M10	21 26	15 31	5 10	21 51	1 7	14 21	3 24	20 52	1 10	18 33	1 22	8 24	2 16	11 31	0 48	14 54	1 34	30 1	6 15	15 6	14 46	10 43		n.a.
T 11	21 36	12 14	5 14	22 25	1 14	14 5	3 34	20 43	1 9	18 33	1 23	8 23	2 15	11 31	0 48	14 54	1 34	30 1	6 16	15 5	14 45	10 45		n.a.
W12	21 46	8 28	5 3	22 55	1 21	13 50	3 43	20 33	1 8	18 33	1 23	8 22	2 15	11 30	0 48	14 54	1 35	30 1	6 16	15 5	14 44	10 46		n.a.
T 13	21 56	4 26	4 38	23 24	1 27	13 36	3 52	20 23	1 7	18 33	1 23	8 21	2 15	11 30	0 48	14 54	1 35	30 1	6 16	15 5	14 43	10 48		n.a.
F 14	22 6	0 19	4 1	23 49	1 32	13 23	4 0	20 13	1 6	18 34	1 24	8 20	2 15	11 30	0 48	14 54	1 35	30 1	6 16	15 5	14 42	10 50		n.a.
S 15	22 15	3n46	3 14	24 12	1 37	13 11	4 7	20 3	1 5	18 34	1 24	8 19	2 15	11 30	0 48	14 54	1 35	30 2	6 16	15 5	14 41	10 51		n.a.
S 16	22 23	7 41	2 19	24 33	1 41	13 1	4 14	19 53	1 5	18 34	1 24	8 19	2 14	11 30	0 48	14 55	1 35	30 2	6 16	15 6	14 40	10 53		n.a.
M17	22 31	11 18	1 19	24 50	1 45	12 52	4 21	19 42	1 4	18 35	1 25	8 18	2 14	11 30	0 48	14 55	1 35	30 2	6 16	15 6	14 39	10 55		n.a.
T 18	22 39	14 28	0 15	25 5	1 47	12 44	4 27	19 32	1 3	18 35	1 25	8 17	2 14	11 30	0 48	14 55	1 35	30 2	6 16	15 7	14 38	10 56		n.a.
W19	22 47	17 4	0s50	25 17	1 49	12 37	4 32	19 21	1 2	18 36	1 25	8 17	2 14	11 30	0 48	14 55	1 35	30 2	6 17	15 7	14 37	10 58		n.a.
T 20	22 54	18 57	1 54	25 27	1 50	12 31	4 37	19 10	1 1	18 36	1 26	8 16	2 14	11 30	0 48	14 55	1 35	30 2	6 17	15 6	14 36	11 0		n.a.
F 21	23 1	19 59	2 53	25 34	1 51	12 26	4 42	18 59	1 0	18 37	1 26	8 15	2 13	11 30	0 48	14 55	1 35	30 2	6 17	15 5	14 35	11 1		n.a.
S 22	23 7	20 3	3 45	25 39	1 51	12 23	4 46	18 48	1 0	18 37	1 26	8 15	2 13	11 30	0 48	14 55	1 35	30 2	6 17	15 3	14 34	11 3		n.a.
S 23	23 13	19 8	4 26	25 41	1 51	12 21	4 49	18 36	0 59	18 38	1 27	8 14	2 13	11 30	0 48	14 56	1 35	30 2	6 17	15 1	14 33	11 5		n.a.
M24	23 18	17 13	4 55	25 41	1 49	12 19	4 53	18 25	0 58	18 39	1 27	8 14	2 13	11 30	0 48	14 56	1 35	30 2	6 17	14 59	14 32	11 6		n.a.
T 25	23 23	14 23	5 9	25 39	1 48	12 19	4 55	18 13	0 57	18 40	1 27	8 13	2 12	11 30	0 48	14 56	1 35	30 2	6 17	14 57	14 31	11 8		n.a.
W26	23 28	10 46	5 7	25 35	1 46	12 19	4 58	18 2	0 56	18 41	1 28	8 13	2 12	11 30	0 48	14 56	1 35	30 2	6 17	14 56	14 30	11 10		n.a.
T 27	23 32	6 33	4 47	25 28	1 43	12 21	5 0	17 50	0 55	18 42	1 28	8 13	2 12	11 31	0 48	14 56	1 35	30 2	6 17	14 55	14 29	11 11		n.a.
F 28	23 36	1 56	4 11	25 20	1 40	12 23	5 1	17 38	0 55	18 43	1 28	8 12	2 12	11 31	0 48	14 57	1 35	30 2	6 17	14 54	14 28	11 13		n.a.
S 29	23 39	2s52	3 19	25 10	1 36	12 27	5 2	17 26	0 54	18 44	1 29	8 12	2 11	11 31	0 48	14 57	1 36	30 2	6 18	14 54	14 27	11 15		n.a.
S 30	23n42	7s36	2s15	24n58	1n32	12n31	5s 3	17n13	0n53	18s45	1s29	8s12	2n11	11s31	0s48	14s57	1s36	30s 2	6s18	14s55	14s25	11n16		n.a.

Julian Day Number = 1198901.5, Delta T = 09h24m33s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'53, Lahiri = -23°41'53 Julian Calendar 1 June 1431 BCE == Greg. Calendar 19 May 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

JULY 1431 BCE (-1430) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 44 2	24♊39'52	28♎ 9	12♋ 6	17♉52	16♌26	12°R33	26°R 1	2°R29	24°R53	24°R35	9♏31	7♏58	26♈20	n.a.	M 1
T 2	17 47 58	25°37'25	12♏39	13°47	18°14	17° 4	12♒29	26♎ 0	2♓29	24♒52	24♐34	9°R31	7°54	26°26	n.a.	T 2
W 3	17 51 55	26°34'59	27°13	15°26	18°37	17°43	12°26	25°59	2°28	24°51	24°33	9°30	7°51	26°33	n.a.	W 3
T 4	17 55 52	27°32'34	11♐46	17° 3	19° 2	18°21	12°23	25°58	2°28	24°51	24°31	9°27	7°48	26°40	n.a.	T 4
F 5	17 59 48	28°30'10	26°11	18°39	19°29	19° 0	12°19	25°57	2°27	24°50	24°30	9°21	7°45	26°46	n.a.	F 5
S 6	18 3 45	29°27'49	10♑23	20°14	19°57	19°38	12°15	25°56	2°26	24°49	24°29	9°14	7°42	26°53	n.a.	S 6
S 7	18 7 41	0♋25'28	24°17	21°47	20°27	20°17	12°11	25°55	2°26	24°48	24°27	9° 6	7°38	27° 0	n.a.	S 7
M 8	18 11 38	1°23'09	7♒48	23°18	20°58	20°56	12° 7	25°54	2°25	24°47	24°26	8°57	7°35	27° 6	n.a.	M 8
T 9	18 15 34	2°20'52	20°55	24°48	21°30	21°35	12° 3	25°54	2°24	24°47	24°25	8°50	7°32	27°13	n.a.	T 9
W10	18 19 31	3°18'37	3♓40	26°16	22° 4	22°14	11°58	25°53	2°23	24°46	24°23	8°44	7°29	27°20	n.a.	W10
T 11	18 23 27	4°16'24	16° 4	27°43	22°40	22°53	11°53	25°53	2°22	24°45	24°22	8°40	7°26	27°26	n.a.	T 11
F 12	18 27 24	5°14'12	28°12	29° 8	23°16	23°32	11°48	25°53	2°21	24°44	24°20	8°38	7°23	27°33	n.a.	F 12
S 13	18 31 21	6°12'02	10♈ 8	0♌32	23°54	24°11	11°43	25°53	2°20	24°43	24°19	8°D38	7°19	27°40	n.a.	S 13
S 14	18 35 17	7° 9'54	21°58	1°54	24°33	24°50	11°38	25°D53	2°19	24°42	24°18	8°39	7°16	27°46	n.a.	S 14
M15	18 39 14	8° 7'49	3♉46	3°15	25°13	25°29	11°33	25°53	2°18	24°41	24°16	8°R40	7°13	27°53	n.a.	M15
T 16	18 43 10	9° 5'45	15°38	4°33	25°54	26° 9	11°27	25°53	2°17	24°40	24°15	8°39	7°10	27°59	n.a.	T 16
W17	18 47 7	10° 3'43	27°39	5°50	26°36	26°48	11°22	25°53	2°16	24°39	24°14	8°38	7° 7	28° 6	n.a.	W17
T 18	18 51 3	11° 1'43	9♊52	7° 5	27°19	27°28	11°16	25°53	2°14	24°38	24°13	8°33	7° 4	28°13	n.a.	T 18
F 19	18 55 0	11°59'45	22°20	8°19	28° 3	28° 7	11°10	25°54	2°13	24°37	24°11	8°27	7° 0	28°19	n.a.	F 19
S 20	18 58 56	12°57'49	5♋ 4	9°30	28°48	28°47	11° 4	25°54	2°12	24°36	24°10	8°18	6°57	28°26	n.a.	S 20
S 21	19 2 53	13°55'55	18° 6	10°39	29°34	29°27	10°57	25°55	2°10	24°34	24° 9	8° 7	6°54	28°33	n.a.	S 21
M22	19 6 50	14°54'03	1♌23	11°47	0♊21	0♍ 7	10°51	25°56	2° 9	24°33	24° 7	7°56	6°51	28°39	n.a.	M22
T 23	19 10 46	15°52'12	14°54	12°51	1° 8	0°47	10°44	25°56	2° 8	24°32	24° 6	7°45	6°48	28°46	n.a.	T 23
W24	19 14 43	16°50'23	28°37	13°54	1°57	1°27	10°38	25°57	2° 6	24°31	24° 5	7°36	6°44	28°53	n.a.	W24
T 25	19 18 39	17°48'36	12♍28	14°54	2°46	2° 7	10°31	25°58	2° 5	24°29	24° 4	7°29	6°41	28°59	n.a.	T 25
F 26	19 22 36	18°46'50	26°25	15°52	3°35	2°47	10°24	25°59	2° 3	24°28	24° 2	7°25	6°38	29° 6	n.a.	F 26
S 27	19 26 32	19°45'06	10♎28	16°46	4°26	3°28	10°17	26° 0	2° 1	24°27	24° 1	7°23	6°35	29°13	n.a.	S 27
S 28	19 30 29	20°43'24	24°34	17°38	5°17	4° 8	10°10	26° 2	2° 0	24°26	24° 0	7°D23	6°32	29°19	n.a.	S 28
M29	19 34 25	21°41'44	8♏42	18°27	6° 9	4°48	10° 3	26° 3	1°58	24°24	23°59	7°R23	6°29	29°26	n.a.	M29
T 30	19 38 22	22°40'05	22°52	19°12	7° 2	5°29	9°56	26° 5	1°56	24°23	23°58	7°22	6°25	29°33	n.a.	T 30
W31	19 42 19	23♋38'28	7♐ 2	19♌53	7♊55	6♍10	9♒48	26♎ 6	1♓55	24♒22	23♐56	7♏20	6♏22	29♈39	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	23n45	11s57	1s 1	24n45	1n28	12n36	5s 4	17n 1	0n52	18s46	1s29	8s11	2n11	11s31	0s48	14s57	1s36	30s 2	6s18	14s55	14s24	11n18			n.a.
T 2	23 47	15 38	0n17	24 30	1 23	12 42	5 4	16 48	0 51	18 47	1 30	8 11	2 11	11 31	0 48	14 58	1 36	30 2	6 18	14 55	14 23	11 20			n.a.
W 3	23 49	18 21	1 34	24 14	1 17	12 48	5 4	16 36	0 51	18 48	1 30	8 11	2 10	11 32	0 49	14 58	1 36	30 2	6 18	14 55	14 22	11 21			n.a.
T 4	23 50	19 52	2 45	23 56	1 12	12 55	5 4	16 23	0 50	18 50	1 30	8 11	2 10	11 32	0 49	14 58	1 36	30 2	6 18	14 54	14 21	11 23			n.a.
F 5	23 51	20 4	3 45	23 37	1 6	13 3	5 3	16 10	0 49	18 51	1 31	8 11	2 10	11 32	0 49	14 59	1 36	30 2	6 18	14 52	14 20	11 25			n.a.
S 6	23 52	18 58	4 29	23 17	0 59	13 12	5 2	15 57	0 48	18 53	1 31	8 11	2 10	11 33	0 49	14 59	1 36	30 2	6 18	14 49	14 19	11 26			n.a.
S 7	23 52	16 46	4 57	22 56	0 53	13 20	5 1	15 44	0 47	18 54	1 31	8 11	2 9	11 33	0 49	14 59	1 36	30 2	6 18	14 47	14 18	11 28			n.a.
M 8	23 51	13 42	5 7	22 34	0 46	13 30	5 0	15 30	0 46	18 55	1 32	8 11	2 9	11 33	0 49	15 0	1 36	30 2	6 18	14 44	14 17	11 30			n.a.
T 9	23 50	10 2	5 0	22 11	0 39	13 40	4 58	15 17	0 46	18 57	1 32	8 11	2 9	11 34	0 49	15 0	1 36	30 2	6 18	14 42	14 16	11 31			n.a.
W10	23 49	6 1	4 39	21 47	0 31	13 50	4 56	15 3	0 45	18 59	1 32	8 11	2 9	11 34	0 49	15 0	1 36	30 2	6 18	14 40	14 15	11 33			n.a.
T 11	23 47	1 51	4 4	21 22	0 23	14 1	4 54	14 49	0 44	19 0	1 32	8 11	2 8	11 34	0 49	15 1	1 36	30 2	6 18	14 38	14 14	11 35			n.a.
F 12	23 45	2n19	3 20	20 56	0 15	14 12	4 52	14 36	0 43	19 2	1 33	8 11	2 8	11 35	0 49	15 1	1 36	30 2	6 18	14 38	14 13	11 36			n.a.
S 13	23 43	6 20	2 27	20 30	0 7	14 24	4 50	14 22	0 42	19 4	1 33	8 11	2 8	11 35	0 49	15 1	1 36	30 2	6 18	14 38	14 12	11 38			n.a.
S 14	23 40	10 4	1 28	20 4	0s 1	14 36	4 47	14 7	0 42	19 5	1 33	8 11	2 8	11 35	0 49	15 2	1 36	30 2	6 18	14 38	14 11	11 39			n.a.
M15	23 36	13 24	0 26	19 37	0 10	14 48	4 44	13 53	0 41	19 7	1 34	8 12	2 7	11 36	0 49	15 2	1 36	30 2	6 18	14 38	14 10	11 41			n.a.
T 16	23 33	16 13	0s37	19 9	0 19	15 1	4 42	13 39	0 40	19 9	1 34	8 12	2 7	11 36	0 49	15 2	1 36	30 2	6 18	14 38	14 9	11 43			n.a.
W17	23 28	18 22	1 40	18 42	0 28	15 13	4 39	13 24	0 39	19 11	1 34	8 12	2 7	11 37	0 49	15 3	1 36	30 2	6 18	14 38	14 8	11 44			n.a.
T 18	23 24	19 42	2 39	18 14	0 37	15 26	4 35	13 10	0 38	19 13	1 34	8 13	2 7	11 37	0 49	15 3	1 37	30 2	6 19	14 36	14 7	11 46			n.a.
F 19	23 18	20 7	3 31	17 46	0 46	15 39	4 32	12 55	0 38	19 15	1 35	8 13	2 6	11 38	0 49	15 4	1 37	30 2	6 19	14 34	14 6	11 47			n.a.
S 20	23 13	19 32	4 14	17 18	0 56	15 53	4 29	12 40	0 37	19 17	1 35	8 13	2 6	11 38	0 49	15 4	1 37	30 2	6 19	14 31	14 4	11 49			n.a.
S 21	23 7	17 55	4 45	16 50	1 5	16 6	4 25	12 26	0 36	19 19	1 35	8 14	2 6	11 39	0 49	15 5	1 37	30 2	6 19	14 28	14 3	11 51			n.a.
M22	23 1	15 19	5 1	16 22	1 15	16 19	4 21	12 11	0 35	19 21	1 35	8 14	2 6	11 39	0 49	15 5	1 37	30 2	6 19	14 24	14 2	11 52			n.a.
T 23	22 54	11 52	5 0	15 54	1 24	16 33	4 18	11 55	0 34	19 23	1 36	8 15	2 5	11 40	0 49	15 5	1 37	30 2	6 19	14 20	14 1	11 54			n.a.
W24	22 47	7 45	4 43	15 27	1 34	16 46	4 14	11 40	0 34	19 25	1 36	8 15	2 5	11 40	0 49	15 6	1 37	30 2	6 19	14 17	14 0	11 55			n.a.
T 25	22 39	3 11	4 9	15 0	1 44	17 0	4 10	11 25	0 33	19 27	1 36	8 16	2 5	11 41	0 49	15 6	1 37	30 2	6 19	14 15	13 59	11 57			n.a.
F 26	22 31	1s36	3 19	14 33	1 54	17 13	4 6	11 9	0 32	19 29	1 36	8 17	2 5	11 42	0 49	15 7	1 37	30 2	6 19	14 14	13 58	11 59			n.a.
S 27	22 23	6 19	2 18	14 7	2 4	17 27	4 2	10 54	0 31	19 31	1 37	8 17	2 4	11 42	0 49	15 7	1 37	30 2	6 19	14 13	13 57	12 0			n.a.
S 28	22 14	10 43	1 8	13 42	2 13	17 40	3 57	10 38	0 30	19 33	1 37	8 18	2 4	11 43	0 49	15 8	1 37	30 1	6 19	14 13	13 56	12 2			n.a.
M29	22 5	14 32	0n 7	13 18	2 23	17 53	3 53	10 22	0 30	19 35	1 37	8 19	2 4	11 44	0 49	15 8	1 37	30 1	6 19	14 13	13 55	12 3			n.a.
T 30	21 55	17 30	1 21	12 55	2 33	18 7	3 49	10 7	0 29	19 38	1 37	8 20	2 4	11 44	0 49	15 9	1 37	30 1	6 19	14 13	13 54	12 5			n.a.
W31	21n45	19s24	2n30	12n33	2s42	18n20	3s44	9n51	0n28	19s40	1s37	8s20	2n 3	11s45	0s49	15s 9	1s37	30s 1	6s19	14s12	13s53	12n 6			n.a.

Julian Day Number = 1198931.5, Delta T = 09h24m32s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'49, Lahiri = -23°41'49 Julian Calendar 1 July 1431 BCE == Greg. Calendar 18 June 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

AUGUST 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 46 15	24♋36'52	21♐ 9	20♌31	8♊49	6♍50	9°R41	26♎ 8	1°R53	24°R20	23°R55	7°R14	6♏19	29♈46	n.a.	T 1
F 2	19 50 12	25°35'19	5♑11	21° 4	9°43	7°31	9♒33	26°10	1♓51	24♒19	23♐54	7♏ 6	6°16	29°52	n.a.	F 2
S 3	19 54 8	26°33'48	19° 1	21°33	10°38	8°12	9°26	26°11	1°49	24°17	23°53	6°55	6°13	29°59	n.a.	S 3
S 4	19 58 5	27°32'18	2♒38	21°58	11°34	8°53	9°18	26°13	1°47	24°16	23°52	6°43	6° 9	0♉ 6	n.a.	S 4
M 5	20 2 1	28°30'51	15°57	22°17	12°30	9°34	9°10	26°15	1°46	24°14	23°51	6°31	6° 6	0°12	n.a.	M 5
T 6	20 5 58	29°29'25	28°57	22°30	13°27	10°15	9° 3	26°18	1°44	24°13	23°50	6°19	6° 3	0°19	n.a.	T 6
W 7	20 9 54	0♌28'02	11♓37	22°38	14°24	10°56	8°55	26°20	1°42	24°11	23°49	6°10	6° 0	0°26	n.a.	W 7
T 8	20 13 51	1°26'42	23°59	22°R40	15°21	11°37	8°47	26°22	1°40	24°10	23°48	6° 3	5°57	0°32	n.a.	T 8
F 9	20 17 47	2°25'23	6♈ 5	22°35	16°20	12°18	8°39	26°24	1°38	24° 8	23°47	5°58	5°54	0°39	n.a.	F 9
S 10	20 21 44	3°24'07	18° 1	22°24	17°18	13° 0	8°31	26°27	1°36	24° 7	23°46	5°56	5°50	0°46	n.a.	S 10
S 11	20 25 41	4°22'53	29°50	22° 5	18°17	13°41	8°23	26°29	1°34	24° 5	23°45	5°56	5°47	0°52	n.a.	S 11
M12	20 29 37	5°21'42	11♉38	21°39	19°17	14°22	8°15	26°32	1°31	24° 4	23°44	5°56	5°44	0°59	n.a.	M12
T 13	20 33 34	6°20'33	23°31	21° 7	20°17	15° 4	8° 7	26°35	1°29	24° 2	23°43	5°55	5°41	1° 6	n.a.	T 13
W14	20 37 30	7°19'27	5♊34	20°27	21°17	15°46	7°59	26°38	1°27	24° 1	23°42	5°53	5°38	1°12	n.a.	W14
T 15	20 41 27	8°18'23	17°52	19°40	22°18	16°27	7°51	26°41	1°25	23°59	23°41	5°48	5°35	1°19	n.a.	T 15
F 16	20 45 23	9°17'21	0♋28	18°48	23°19	17° 9	7°43	26°44	1°23	23°57	23°40	5°41	5°31	1°26	n.a.	F 16
S 17	20 49 20	10°16'22	13°26	17°49	24°20	17°51	7°35	26°47	1°21	23°56	23°39	5°31	5°28	1°32	n.a.	S 17
S 18	20 53 16	11°15'25	26°45	16°47	25°22	18°33	7°27	26°50	1°18	23°54	23°38	5°19	5°25	1°39	n.a.	S 18
M19	20 57 13	12°14'31	10♌24	15°41	26°24	19°15	7°19	26°53	1°16	23°53	23°38	5° 6	5°22	1°45	n.a.	M19
T 20	21 1 10	13°13'38	24°20	14°33	27°27	19°57	7°11	26°57	1°14	23°51	23°37	4°54	5°19	1°52	n.a.	T 20
W21	21 5 6	14°12'48	8♍29	13°26	28°29	20°39	7° 3	27° 0	1°12	23°49	23°36	4°44	5°15	1°59	n.a.	W21
T 22	21 9 3	15°12'00	22°45	12°20	29°33	21°21	6°55	27° 4	1° 9	23°48	23°35	4°36	5°12	2° 5	n.a.	T 22
F 23	21 12 59	16°11'13	7♎ 4	11°17	0♌36	22° 4	6°48	27° 7	1° 7	23°46	23°35	4°31	5° 9	2°12	n.a.	F 23
S 24	21 16 56	17°10'29	21°21	10°20	1°40	22°46	6°40	27°11	1° 5	23°44	23°34	4°29	5° 6	2°19	n.a.	S 24
S 25	21 20 52	18° 9'47	5♏33	9°29	2°44	23°28	6°32	27°15	1° 2	23°43	23°33	4°D28	5° 3	2°25	n.a.	S 25
M26	21 24 49	19° 9'06	19°40	8°47	3°48	24°11	6°24	27°18	1° 0	23°41	23°33	4°R29	5° 0	2°32	n.a.	M26
T 27	21 28 45	20° 8'28	3♐39	8°14	4°53	24°54	6°17	27°22	0°57	23°39	23°32	4°28	4°56	2°39	n.a.	T 27
W28	21 32 42	21° 7'51	17°32	7°51	5°58	25°36	6° 9	27°26	0°55	23°38	23°31	4°25	4°53	2°45	n.a.	W28
T 29	21 36 38	22° 7'16	1♑16	7°38	7° 3	26°19	6° 2	27°31	0°53	23°36	23°31	4°20	4°50	2°52	n.a.	T 29
F 30	21 40 35	23° 6'44	14°52	7°D37	8° 8	27° 2	5°55	27°35	0°50	23°34	23°30	4°13	4°47	2°59	n.a.	F 30
S 31	21 44 32	24♌ 6'13	28♑18	7♌46	9♋14	27♍44	5♒47	27♎39	0♓48	23♒33	23♐30	4♏ 2	4♏44	3♉ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n35	20s 4	3n30	12n12	2s51	18n33	3s40	9n35	0n27	19s42	1s38	8s21	2n 3	11s45	0s49	15s10	1s37	30s 1	6s19	14s10	13s52	12n 8			n.a.
F 2	21 24	19 30	4 16	11 53	3 0	18 45	3 35	9 19	0 27	19 44	1 38	8 22	2 3	11 46	0 49	15 10	1 37	30 1	6 19	14 7	13 51	12 10			n.a.
S 3	21 13	17 45	4 47	11 35	3 9	18 58	3 30	9 2	0 26	19 47	1 38	8 23	2 3	11 47	0 50	15 11	1 37	30 1	6 18	14 4	13 50	12 11			n.a.
S 4	21 1	15 3	5 0	11 20	3 17	19 10	3 26	8 46	0 25	19 49	1 38	8 24	2 2	11 48	0 50	15 11	1 37	30 1	6 18	14 0	13 48	12 13			n.a.
M 5	20 49	11 37	4 57	11 6	3 25	19 23	3 21	8 30	0 24	19 51	1 38	8 25	2 2	11 48	0 50	15 12	1 37	30 1	6 18	13 56	13 47	12 14			n.a.
T 6	20 37	7 42	4 38	10 55	3 32	19 34	3 16	8 13	0 23	19 53	1 38	8 26	2 2	11 49	0 50	15 12	1 37	30 1	6 18	13 52	13 46	12 16			n.a.
W 7	20 24	3 33	4 6	10 46	3 39	19 46	3 11	7 57	0 23	19 56	1 38	8 27	2 2	11 50	0 50	15 13	1 37	30 1	6 18	13 49	13 45	12 17			n.a.
T 8	20 11	0n40	3 23	10 40	3 45	19 57	3 6	7 40	0 22	19 58	1 39	8 28	2 1	11 50	0 50	15 14	1 37	30 1	6 18	13 46	13 44	12 19			n.a.
F 9	19 58	4 46	2 31	10 36	3 50	20 8	3 1	7 23	0 21	20 0	1 39	8 29	2 1	11 51	0 50	15 14	1 37	30 1	6 18	13 45	13 43	12 20			n.a.
S 10	19 44	8 37	1 34	10 36	3 54	20 19	2 56	7 6	0 20	20 2	1 39	8 30	2 1	11 52	0 50	15 15	1 37	30 0	6 18	13 44	13 42	12 22			n.a.
S 11	19 30	12 7	0 32	10 40	3 57	20 29	2 51	6 50	0 20	20 5	1 39	8 31	2 1	11 53	0 50	15 15	1 37	30 0	6 18	13 44	13 41	12 24			n.a.
M12	19 16	15 7	0s30	10 46	3 58	20 39	2 46	6 33	0 19	20 7	1 39	8 33	2 0	11 54	0 50	15 16	1 37	30 0	6 18	13 44	13 40	12 25			n.a.
T 13	19 1	17 30	1 32	10 57	3 59	20 49	2 41	6 16	0 18	20 9	1 39	8 34	2 0	11 54	0 50	15 16	1 37	30 0	6 18	13 44	13 39	12 27			n.a.
W14	18 46	19 9	2 30	11 11	3 57	20 58	2 36	5 58	0 17	20 11	1 39	8 35	2 0	11 55	0 50	15 17	1 38	30 0	6 18	13 43	13 38	12 28			n.a.
T 15	18 30	19 56	3 23	11 29	3 54	21 7	2 31	5 41	0 16	20 13	1 39	8 36	2 0	11 56	0 50	15 17	1 38	30 0	6 18	13 41	13 37	12 30			n.a.
F 16	18 15	19 45	4 7	11 50	3 48	21 15	2 26	5 24	0 16	20 16	1 39	8 38	1 59	11 57	0 50	15 18	1 38	30 0	6 18	13 39	13 36	12 31			n.a.
S 17	17 59	18 33	4 39	12 15	3 41	21 23	2 21	5 7	0 15	20 18	1 39	8 39	1 59	11 58	0 50	15 19	1 38	30 0	6 18	13 35	13 35	12 33			n.a.
S 18	17 42	16 19	4 57	12 43	3 32	21 31	2 16	4 49	0 14	20 20	1 39	8 41	1 59	11 58	0 50	15 19	1 38	30 0	6 18	13 31	13 33	12 34			n.a.
M19	17 26	13 8	4 59	13 13	3 21	21 38	2 11	4 32	0 13	20 22	1 40	8 42	1 59	11 59	0 50	15 20	1 38	30 0	6 18	13 27	13 32	12 36			n.a.
T 20	17 9	9 11	4 44	13 46	3 7	21 45	2 6	4 14	0 13	20 24	1 40	8 43	1 59	12 0	0 50	15 20	1 38	29 59	6 18	13 23	13 31	12 37			n.a.
W21	16 51	4 40	4 11	14 20	2 52	21 51	2 1	3 57	0 12	20 26	1 40	8 45	1 58	12 1	0 50	15 21	1 38	29 59	6 18	13 19	13 30	12 39			n.a.
T 22	16 34	0s 9	3 22	14 55	2 36	21 56	1 55	3 39	0 11	20 28	1 40	8 46	1 58	12 2	0 50	15 21	1 38	29 59	6 18	13 17	13 29	12 40			n.a.
F 23	16 16	4 59	2 20	15 29	2 18	22 1	1 50	3 22	0 10	20 30	1 40	8 48	1 58	12 3	0 50	15 22	1 38	29 59	6 18	13 15	13 28	12 42			n.a.
S 24	15 58	9 32	1 9	16 3	1 59	22 6	1 45	3 4	0 10	20 32	1 40	8 49	1 58	12 3	0 50	15 23	1 38	29 59	6 17	13 14	13 27	12 43			n.a.
S 25	15 39	13 31	0n 6	16 36	1 39	22 10	1 40	2 46	0 9	20 34	1 40	8 51	1 57	12 4	0 50	15 23	1 38	29 59	6 17	13 14	13 26	12 45			n.a.
M26	15 21	16 41	1 20	17 6	1 19	22 13	1 35	2 28	0 8	20 36	1 40	8 53	1 57	12 5	0 50	15 24	1 38	29 59	6 17	13 14	13 25	12 46			n.a.
T 27	15 2	18 50	2 28	17 34	0 59	22 16	1 30	2 11	0 7	20 38	1 40	8 54	1 57	12 6	0 50	15 24	1 38	29 59	6 17	13 14	13 24	12 48			n.a.
W28	14 42	19 49	3 27	17 59	0 40	22 18	1 25	1 53	0 7	20 40	1 40	8 56	1 57	12 7	0 50	15 25	1 38	29 59	6 17	13 13	13 23	12 49			n.a.
T 29	14 23	19 37	4 14	18 21	0 21	22 20	1 20	1 35	0 6	20 42	1 40	8 58	1 57	12 8	0 50	15 25	1 38	29 59	6 17	13 11	13 22	12 51			n.a.
F 30	14 3	18 17	4 46	18 39	0 3	22 21	1 15	1 17	0 5	20 44	1 39	8 59	1 56	12 9	0 50	15 26	1 38	29 58	6 17	13 9	13 20	12 52			n.a.
S 31	13n43	15s57	5n 1	18n53	0n14	22n22	1s10	0n59	0n 4	20s46	1s39	9s 1	1n56	12s10	0s50	15s27	1s38	29s58	6s17	13s 5	13s19	12n54			n.a.

Julian Day Number = 1198962.5, Delta T = 09h24m30s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'45, Lahiri = -23°41'44 Julian Calendar 1 Aug. 1431 BCE == Greg. Calendar 19 July 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

SEPTEMBER 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 48 28	25♌ 5'44	11♒31	8♌ 5	10♋20	28♍27	5°R40	27♎43	0°R45	23°R31	23°R29	3°R51	4♏41	3♉12	n.a.	S 1
M 2	21 52 25	26° 5'17	24°31	8°35	11°26	29°10	5♒33	27°48	0♓43	23♒29	23♐29	3♏39	4°37	3°18	n.a.	M 2
T 3	21 56 21	27° 4'53	7♓15	9°14	12°33	29°53	5°26	27°52	0°41	23°28	23°28	3°27	4°34	3°25	n.a.	T 3
W 4	22 0 18	28° 4'30	19°45	10° 1	13°39	0♎37	5°19	27°57	0°38	23°26	23°28	3°18	4°31	3°32	n.a.	W 4
T 5	22 4 14	29° 4'10	2♈ 0	10°56	14°46	1°20	5°13	28° 1	0°36	23°24	23°27	3°11	4°28	3°38	n.a.	T 5
F 6	22 8 11	0♍ 3'52	14° 2	11°59	15°54	2° 3	5° 6	28° 6	0°33	23°23	23°27	3° 7	4°25	3°45	n.a.	F 6
S 7	22 12 7	1° 3'37	25°56	13° 8	17° 1	2°46	5° 0	28°11	0°31	23°21	23°27	3° 5	4°21	3°52	n.a.	S 7
S 8	22 16 4	2° 3'24	7♉44	14°22	18° 9	3°30	4°53	28°15	0°28	23°19	23°26	3°D 5	4°18	3°58	n.a.	S 8
M 9	22 20 0	3° 3'13	19°31	15°41	19°16	4°13	4°47	28°20	0°26	23°18	23°26	3° 5	4°15	4° 5	n.a.	M 9
T 10	22 23 57	4° 3'05	1♊23	17° 5	20°24	4°57	4°41	28°25	0°24	23°16	23°26	3°R 6	4°12	4°12	n.a.	T 10
W11	22 27 54	5° 2'59	13°25	18°31	21°33	5°40	4°35	28°30	0°21	23°14	23°25	3° 6	4° 9	4°18	n.a.	W11
T 12	22 31 50	6° 2'56	25°42	20° 1	22°41	6°24	4°29	28°35	0°19	23°13	23°25	3° 3	4° 6	4°25	n.a.	T 12
F 13	22 35 47	7° 2'55	8♋19	21°33	23°50	7° 7	4°24	28°40	0°16	23°11	23°25	2°59	4° 2	4°32	n.a.	F 13
S 14	22 39 43	8° 2'56	21°21	23° 7	24°59	7°51	4°18	28°46	0°14	23°10	23°25	2°53	3°59	4°38	n.a.	S 14
S 15	22 43 40	9° 2'59	4♌48	24°43	26° 8	8°35	4°13	28°51	0°11	23° 8	23°25	2°44	3°56	4°45	n.a.	S 15
M16	22 47 36	10° 3'05	18°40	26°20	27°17	9°19	4° 8	28°56	0° 9	23° 6	23°25	2°35	3°53	4°52	n.a.	M16
T 17	22 51 33	11° 3'13	2♍54	27°58	28°26	10° 3	4° 3	29° 1	0° 7	23° 5	23°25	2°27	3°50	4°58	n.a.	T 17
W18	22 55 29	12° 3'23	17°26	29°37	29°36	10°47	3°58	29° 7	0° 4	23° 3	23°25	2°19	3°46	5° 5	n.a.	W18
T 19	22 59 26	13° 3'34	2♎ 8	1♍16	0♌45	11°31	3°54	29°12	0° 2	23° 2	23°24	2°14	3°43	5°11	n.a.	T 19
F 20	23 3 22	14° 3'48	16°53	2°56	1°55	12°15	3°49	29°18	29♒59	23° 0	23°D24	2°10	3°40	5°18	n.a.	F 20
S 21	23 7 19	15° 4'03	1♏33	4°35	3° 5	13° 0	3°45	29°24	29°57	22°59	23°24	2°D 9	3°37	5°25	n.a.	S 21
S 22	23 11 16	16° 4'20	16° 4	6°15	4°15	13°44	3°41	29°29	29°55	22°57	23°25	2°10	3°34	5°31	n.a.	S 22
M23	23 15 12	17° 4'39	0♐22	7°55	5°26	14°28	3°37	29°35	29°53	22°55	23°25	2°11	3°31	5°38	n.a.	M23
T 24	23 19 9	18° 5'00	14°24	9°35	6°36	15°13	3°33	29°41	29°50	22°54	23°25	2°R12	3°27	5°45	n.a.	T 24
W25	23 23 5	19° 5'22	28°12	11°14	7°47	15°57	3°30	29°47	29°48	22°53	23°25	2°12	3°24	5°51	n.a.	W25
T 26	23 27 2	20° 5'45	11♑44	12°54	8°57	16°42	3°26	29°52	29°46	22°51	23°25	2°10	3°21	5°58	n.a.	T 26
F 27	23 30 58	21° 6'11	25° 1	14°33	10° 8	17°26	3°23	29°58	29°44	22°50	23°25	2° 5	3°18	6° 5	n.a.	F 27
S 28	23 34 55	22° 6'37	8♒ 5	16°12	11°19	18°11	3°20	0♏ 4	29°41	22°48	23°25	2° 0	3°15	6°11	n.a.	S 28
S 29	23 38 51	23° 7'06	20°56	17°50	12°30	18°55	3°18	0°10	29°39	22°47	23°26	1°53	3°12	6°18	n.a.	S 29
M30	23 42 48	24♍ 7'35	3♓35	19♍28	13♌41	19♎40	3♒15	0♏16	29♒37	22♒45	23♐26	1♏46	3♏ 8	6♉25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n23	12s50	5n 0	19n 3	0n30	22n22	1s 5	0n41	0n 4	20s47	1s39	9s 3	1n56	12s10	0s50	15s27	1s38	29s58	6s17	13s 1	13s18	12n55		n.a.
M 2	13 3	9 9	4 43	19 9	0 44	22 21	1 0	0 23	0 3	20 49	1 39	9 5	1 56	12 11	0 50	15 28	1 38	29 58	6 17	12 57	13 17	12 57		n.a.
T 3	12 42	5 6	4 12	19 11	0 58	22 20	0 55	0 5	0 2	20 51	1 39	9 6	1 55	12 12	0 50	15 28	1 38	29 58	6 17	12 53	13 16	12 58		n.a.
W 4	12 21	0 55	3 30	19 10	1 9	22 18	0 51	0s14	0 1	20 52	1 39	9 8	1 55	12 13	0 50	15 29	1 38	29 58	6 17	12 50	13 15	13 0		n.a.
T 5	12 0	3n13	2 38	19 4	1 20	22 16	0 46	0 32	0 1	20 54	1 39	9 10	1 55	12 14	0 50	15 29	1 38	29 58	6 17	12 47	13 14	13 1		n.a.
F 6	11 39	7 10	1 40	18 55	1 29	22 13	0 41	0 50	0s 0	20 56	1 39	9 12	1 55	12 15	0 50	15 30	1 38	29 58	6 16	12 46	13 13	13 3		n.a.
S 7	11 17	10 47	0 38	18 43	1 37	22 9	0 36	1 8	0 1	20 57	1 39	9 14	1 55	12 16	0 50	15 31	1 38	29 58	6 16	12 45	13 12	13 4		n.a.
S 8	10 56	13 56	0s25	18 27	1 43	22 5	0 32	1 26	0 2	20 59	1 39	9 16	1 54	12 17	0 50	15 31	1 38	29 57	6 16	12 45	13 11	13 6		n.a.
M 9	10 34	16 31	1 27	18 9	1 49	22 0	0 27	1 44	0 2	21 0	1 39	9 18	1 54	12 17	0 50	15 32	1 38	29 57	6 16	12 45	13 10	13 7		n.a.
T 10	10 12	18 25	2 26	17 47	1 53	21 54	0 23	2 3	0 3	21 1	1 39	9 20	1 54	12 18	0 50	15 32	1 38	29 57	6 16	12 46	13 9	13 8		n.a.
W11	9 49	19 31	3 19	17 23	1 56	21 48	0 18	2 21	0 4	21 3	1 38	9 22	1 54	12 19	0 50	15 33	1 38	29 57	6 16	12 46	13 7	13 10		n.a.
T 12	9 27	19 43	4 4	16 56	1 59	21 41	0 14	2 39	0 5	21 4	1 38	9 24	1 54	12 20	0 50	15 33	1 38	29 57	6 16	12 45	13 6	13 11		n.a.
F 13	9 5	18 57	4 39	16 27	2 0	21 34	0 9	2 57	0 5	21 5	1 38	9 26	1 54	12 21	0 50	15 34	1 38	29 57	6 16	12 43	13 5	13 13		n.a.
S 14	8 42	17 11	5 1	15 57	2 1	21 26	0 5	3 16	0 6	21 6	1 38	9 28	1 53	12 22	0 50	15 34	1 38	29 57	6 16	12 41	13 4	13 14		n.a.
S 15	8 19	14 27	5 6	15 24	2 1	21 17	0 1	3 34	0 7	21 8	1 38	9 30	1 53	12 23	0 50	15 35	1 38	29 57	6 16	12 38	13 3	13 16		n.a.
M16	7 56	10 50	4 55	14 50	2 0	21 8	0n 3	3 52	0 7	21 9	1 38	9 32	1 53	12 23	0 50	15 35	1 38	29 57	6 15	12 35	13 2	13 17		n.a.
T 17	7 33	6 30	4 25	14 14	1 58	20 58	0 8	4 10	0 8	21 10	1 38	9 34	1 53	12 24	0 50	15 36	1 38	29 57	6 15	12 32	13 1	13 19		n.a.
W18	7 10	1 43	3 37	13 37	1 56	20 47	0 12	4 29	0 9	21 11	1 37	9 36	1 53	12 25	0 50	15 36	1 38	29 56	6 15	12 29	13 0	13 20		n.a.
T 19	6 46	3s13	2 35	12 59	1 54	20 36	0 16	4 47	0 10	21 12	1 37	9 38	1 52	12 26	0 50	15 37	1 38	29 56	6 15	12 27	12 59	13 21		n.a.
F 20	6 23	8 0	1 22	12 19	1 51	20 24	0 20	5 5	0 10	21 13	1 37	9 40	1 52	12 27	0 50	15 38	1 38	29 56	6 15	12 26	12 58	13 23		n.a.
S 21	5 59	12 16	0 3	11 39	1 47	20 12	0 23	5 23	0 11	21 13	1 37	9 42	1 52	12 28	0 50	15 38	1 38	29 56	6 15	12 26	12 56	13 24		n.a.
S 22	5 35	15 45	1n15	10 58	1 43	19 58	0 27	5 41	0 12	21 14	1 37	9 45	1 52	12 29	0 50	15 39	1 38	29 56	6 15	12 26	12 55	13 26		n.a.
M23	5 11	18 12	2 27	10 16	1 39	19 45	0 31	5 59	0 12	21 15	1 37	9 47	1 52	12 29	0 50	15 39	1 38	29 56	6 15	12 27	12 54	13 27		n.a.
T 24	4 47	19 28	3 29	9 34	1 34	19 31	0 35	6 18	0 13	21 16	1 36	9 49	1 52	12 30	0 50	15 39	1 38	29 56	6 15	12 27	12 53	13 29		n.a.
W25	4 23	19 33	4 18	8 51	1 30	19 16	0 38	6 36	0 14	21 16	1 36	9 51	1 51	12 31	0 50	15 40	1 38	29 56	6 15	12 27	12 52	13 30		n.a.
T 26	3 59	18 30	4 51	8 8	1 24	19 0	0 42	6 54	0 14	21 17	1 36	9 53	1 51	12 32	0 50	15 40	1 38	29 56	6 14	12 26	12 51	13 31		n.a.
F 27	3 35	16 27	5 8	7 24	1 19	18 44	0 45	7 12	0 15	21 18	1 36	9 56	1 51	12 32	0 50	15 41	1 38	29 56	6 14	12 25	12 50	13 33		n.a.
S 28	3 11	13 36	5 8	6 40	1 14	18 28	0 49	7 30	0 16	21 18	1 36	9 58	1 51	12 33	0 50	15 41	1 38	29 55	6 14	12 23	12 49	13 34		n.a.
S 29	2 47	10 8	4 53	5 56	1 8	18 11	0 52	7 48	0 17	21 18	1 35	10 0	1 51	12 34	0 50	15 42	1 38	29 55	6 14	12 20	12 48	13 36		n.a.
M30	2n22	6s16	4n24	5n11	1n 2	17n53	0n55	8s 5	0s17	21s19	1s35	10s 3	1n51	12s35	0s50	15s42	1s38	29s55	6s14	12s18	12s47	13n37		n.a.

Julian Day Number = 1198993.5, Delta T = 09h24m28s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'41, Lahiri = -23°41'40 Julian Calendar 1 Sept. 1431 BCE == Greg. Calendar 19 Aug. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

OCTOBER 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 46 45	25♍ 8'07	16♓ 1	21♍ 6	14♌53	20♎25	3°R13	0♏22	29°R35	22°R44	23♐26	1°R39	3♏ 5	6♉31	n.a.	T 1
W 2	23 50 41	26° 8'40	28°16	22°44	16° 4	21°10	3♒11	0°29	29♒33	22♒43	23°27	1♏34	3° 2	6°38	n.a.	W 2
T 3	23 54 38	27° 9'15	10♈21	24°21	17°16	21°55	3° 9	0°35	29°31	22°41	23°27	1°30	2°59	6°44	n.a.	T 3
F 4	23 58 34	28° 9'51	22°18	25°58	18°28	22°40	3° 7	0°41	29°29	22°40	23°27	1°28	2°56	6°51	n.a.	F 4
S 5	0 2 31	29°10'30	4♉ 8	27°34	19°39	23°25	3° 6	0°47	29°27	22°39	23°28	1°D27	2°52	6°58	n.a.	S 5
S 6	0 6 27	0♎11'10	15°55	29°10	20°51	24°10	3° 4	0°54	29°24	22°38	23°28	1°28	2°49	7° 4	n.a.	S 6
M 7	0 10 24	1°11'52	27°42	0♎46	22° 3	24°55	3° 3	1° 0	29°23	22°36	23°29	1°30	2°46	7°11	n.a.	M 7
T 8	0 14 20	2°12'36	9♊33	2°22	23°16	25°40	3° 2	1° 6	29°21	22°35	23°29	1°32	2°43	7°18	n.a.	T 8
W 9	0 18 17	3°13'21	21°34	3°58	24°28	26°25	3° 2	1°13	29°19	22°34	23°30	1°33	2°40	7°24	n.a.	W 9
T 10	0 22 13	4°14'09	3♋48	5°33	25°40	27°11	3° 1	1°19	29°17	22°33	23°30	1°R34	2°37	7°31	n.a.	T 10
F 11	0 26 10	5°14'58	16°21	7° 8	26°53	27°56	3° 1	1°26	29°15	22°32	23°31	1°33	2°33	7°38	n.a.	F 11
S 12	0 30 7	6°15'49	29°18	8°42	28° 5	28°42	3°D 1	1°32	29°13	22°31	23°32	1°32	2°30	7°44	n.a.	S 12
S 13	0 34 3	7°16'41	12♌41	10°17	29°18	29°27	3° 1	1°39	29°11	22°29	23°32	1°29	2°27	7°51	n.a.	S 13
M14	0 38 0	8°17'35	26°32	11°51	0♍31	0♏13	3° 1	1°45	29°10	22°28	23°33	1°26	2°24	7°58	n.a.	M14
T 15	0 41 56	9°18'31	10♍49	13°25	1°44	0°58	3° 2	1°52	29° 8	22°27	23°34	1°22	2°21	8° 4	n.a.	T 15
W16	0 45 53	10°19'28	25°30	14°59	2°57	1°44	3° 2	1°59	29° 6	22°26	23°34	1°19	2°17	8°11	n.a.	W16
T 17	0 49 49	11°20'27	10♎27	16°33	4°10	2°29	3° 3	2° 5	29° 5	22°25	23°35	1°17	2°14	8°18	n.a.	T 17
F 18	0 53 46	12°21'26	25°33	18° 7	5°23	3°15	3° 5	2°12	29° 3	22°24	23°36	1°D16	2°11	8°24	n.a.	F 18
S 19	0 57 42	13°22'27	10♏37	19°41	6°36	4° 1	3° 6	2°19	29° 1	22°23	23°37	1°16	2° 8	8°31	n.a.	S 19
S 20	1 1 39	14°23'29	25°32	21°14	7°49	4°47	3° 8	2°26	29° 0	22°23	23°37	1°17	2° 5	8°37	n.a.	S 20
M21	1 5 36	15°24'32	10♐10	22°48	9° 3	5°33	3° 9	2°32	28°58	22°22	23°38	1°19	2° 2	8°44	n.a.	M21
T 22	1 9 32	16°25'36	24°28	24°21	10°16	6°18	3°11	2°39	28°57	22°21	23°39	1°20	1°58	8°51	n.a.	T 22
W23	1 13 29	17°26'41	8♑23	25°54	11°29	7° 4	3°14	2°46	28°56	22°20	23°40	1°21	1°55	8°57	n.a.	W23
T 24	1 17 25	18°27'46	21°55	27°27	12°43	7°50	3°16	2°53	28°54	22°19	23°41	1°R21	1°52	9° 4	n.a.	T 24
F 25	1 21 22	19°28'52	5♒ 6	29° 1	13°56	8°36	3°19	3° 0	28°53	22°19	23°42	1°20	1°49	9°11	n.a.	F 25
S 26	1 25 18	20°29'59	17°58	0♏34	15°10	9°23	3°21	3° 7	28°52	22°18	23°43	1°19	1°46	9°17	n.a.	S 26
S 27	1 29 15	21°31'07	0♓33	2° 7	16°24	10° 9	3°24	3°14	28°50	22°17	23°44	1°18	1°43	9°24	n.a.	S 27
M28	1 33 11	22°32'15	12°55	3°39	17°37	10°55	3°28	3°20	28°49	22°16	23°45	1°16	1°39	9°31	n.a.	M28
T 29	1 37 8	23°33'23	25° 6	5°12	18°51	11°41	3°31	3°27	28°48	22°16	23°46	1°15	1°36	9°37	n.a.	T 29
W30	1 41 5	24°34'33	7♈ 8	6°45	20° 5	12°27	3°35	3°34	28°47	22°15	23°47	1°14	1°33	9°44	n.a.	W30
T 31	1 45 1	25♎35'43	19♈ 3	8♏17	21♍19	13♏14	3♒38	3♏41	28♒46	22♒15	23♐48	1♏14	1♏30	9♉51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	1n58	2s12	3n43	4n27	0n56	17n35	0n58	8s23	0s18	21s19	1s35	10s 5	1n51	12s36	0s50	15s43	1s38	29s55	6s14	12s15	12s45	13n38			n.a.
W 2	1 34	1n55	2 51	3 42	0 50	17 16	1 1	8 41	0 19	21 20	1 35	10 7	1 50	12 36	0 50	15 43	1 38	29 55	6 14	12 13	12 44	13 40			n.a.
T 3	1 9	5 54	1 53	2 57	0 44	16 57	1 4	8 59	0 19	21 20	1 35	10 9	1 50	12 37	0 50	15 44	1 37	29 55	6 14	12 12	12 43	13 41			n.a.
F 4	0 45	9 36	0 50	2 12	0 38	16 37	1 7	9 16	0 20	21 20	1 34	10 12	1 50	12 38	0 50	15 44	1 37	29 55	6 14	12 11	12 42	13 42			n.a.
S 5	0 20	12 53	0s15	1 27	0 31	16 17	1 10	9 34	0 21	21 20	1 34	10 14	1 50	12 38	0 50	15 44	1 37	29 55	6 14	12 11	12 41	13 44			n.a.
S 6	0s 5	15 38	1 19	0 43	0 25	15 56	1 12	9 52	0 21	21 20	1 34	10 17	1 50	12 39	0 50	15 45	1 37	29 55	6 13	12 12	12 40	13 45			n.a.
M 7	0 29	17 44	2 19	0s 2	0 18	15 35	1 15	10 9	0 22	21 20	1 34	10 19	1 50	12 40	0 50	15 45	1 37	29 55	6 13	12 12	12 39	13 47			n.a.
T 8	0 54	19 4	3 14	0 47	0 12	15 13	1 17	10 27	0 23	21 20	1 33	10 21	1 50	12 40	0 50	15 45	1 37	29 55	6 13	12 13	12 38	13 48			n.a.
W 9	1 18	19 34	4 2	1 31	0 5	14 51	1 20	10 44	0 23	21 20	1 33	10 24	1 49	12 41	0 49	15 46	1 37	29 55	6 13	12 13	12 37	13 49			n.a.
T 10	1 43	19 9	4 39	2 15	0s 1	14 28	1 22	11 1	0 24	21 20	1 33	10 26	1 49	12 42	0 49	15 46	1 37	29 55	6 13	12 14	12 35	13 51			n.a.
F 11	2 7	17 48	5 4	3 0	0 8	14 5	1 24	11 18	0 25	21 20	1 33	10 28	1 49	12 42	0 49	15 47	1 37	29 54	6 13	12 13	12 34	13 52			n.a.
S 12	2 32	15 31	5 15	3 44	0 14	13 42	1 27	11 35	0 25	21 20	1 33	10 31	1 49	12 43	0 49	15 47	1 37	29 54	6 13	12 13	12 33	13 53			n.a.
S 13	2 56	12 22	5 9	4 27	0 21	13 18	1 29	11 52	0 26	21 19	1 32	10 33	1 49	12 44	0 49	15 47	1 37	29 54	6 13	12 12	12 32	13 55			n.a.
M14	3 21	8 25	4 46	5 11	0 27	12 54	1 31	12 9	0 27	21 19	1 32	10 36	1 49	12 44	0 49	15 48	1 37	29 54	6 13	12 11	12 31	13 56			n.a.
T 15	3 45	3 53	4 4	5 54	0 33	12 29	1 32	12 26	0 27	21 19	1 32	10 38	1 49	12 45	0 49	15 48	1 37	29 54	6 13	12 9	12 30	13 57			n.a.
W16	4 9	1s 0	3 5	6 37	0 40	12 4	1 34	12 43	0 28	21 18	1 32	10 40	1 49	12 45	0 49	15 48	1 37	29 54	6 13	12 8	12 29	13 59			n.a.
T 17	4 34	5 56	1 53	7 19	0 46	11 38	1 36	13 0	0 28	21 18	1 31	10 43	1 49	12 46	0 49	15 48	1 37	29 54	6 12	12 8	12 28	14 0			n.a.
F 18	4 58	10 32	0 32	8 1	0 52	11 13	1 38	13 16	0 29	21 17	1 31	10 45	1 48	12 46	0 49	15 49	1 37	29 54	6 12	12 7	12 27	14 2			n.a.
S 19	5 22	14 27	0n52	8 43	0 58	10 46	1 39	13 33	0 30	21 17	1 31	10 48	1 48	12 47	0 49	15 49	1 37	29 54	6 12	12 7	12 25	14 3			n.a.
S 20	5 46	17 22	2 10	9 24	1 4	10 20	1 40	13 49	0 30	21 16	1 31	10 50	1 48	12 48	0 49	15 49	1 37	29 54	6 12	12 8	12 24	14 4			n.a.
M21	6 10	19 5	3 19	10 5	1 10	9 53	1 42	14 5	0 31	21 16	1 30	10 53	1 48	12 48	0 49	15 50	1 37	29 54	6 12	12 8	12 23	14 6			n.a.
T 22	6 34	19 31	4 14	10 46	1 15	9 26	1 43	14 21	0 32	21 15	1 30	10 55	1 48	12 48	0 49	15 50	1 37	29 54	6 12	12 9	12 22	14 7			n.a.
W23	6 58	18 44	4 52	11 26	1 21	8 59	1 44	14 37	0 32	21 14	1 30	10 58	1 48	12 49	0 49	15 50	1 37	29 54	6 12	12 9	12 21	14 8			n.a.
T 24	7 22	16 53	5 13	12 5	1 26	8 31	1 45	14 53	0 33	21 13	1 30	11 0	1 48	12 49	0 49	15 50	1 37	29 54	6 12	12 9	12 20	14 10			n.a.
F 25	7 45	14 12	5 17	12 44	1 31	8 3	1 46	15 9	0 33	21 12	1 29	11 2	1 48	12 50	0 49	15 50	1 37	29 54	6 12	12 9	12 19	14 11			n.a.
S 26	8 9	10 54	5 4	13 22	1 36	7 35	1 47	15 24	0 34	21 12	1 29	11 5	1 48	12 50	0 49	15 51	1 37	29 54	6 12	12 8	12 18	14 12			n.a.
S 27	8 32	7 9	4 37	13 59	1 41	7 7	1 48	15 40	0 35	21 11	1 29	11 7	1 48	12 51	0 49	15 51	1 37	29 54	6 12	12 8	12 17	14 13			n.a.
M28	8 55	3 10	3 58	14 36	1 45	6 38	1 48	15 55	0 35	21 10	1 29	11 10	1 48	12 51	0 49	15 51	1 37	29 54	6 11	12 7	12 15	14 15			n.a.
T 29	9 18	0n53	3 8	15 12	1 50	6 9	1 49	16 10	0 36	21 9	1 28	11 12	1 47	12 51	0 49	15 51	1 37	29 54	6 11	12 7	12 14	14 16			n.a.
W30	9 41	4 52	2 10	15 48	1 54	5 40	1 50	16 25	0 36	21 7	1 28	11 15	1 47	12 52	0 49	15 51	1 37	29 54	6 11	12 7	12 13	14 17			n.a.
T 31	10s 4	8n37	1n 7	16s22	1s58	5n11	1n50	16s40	0s37	21s 6	1s28	11s17	1n47	12s52	0s49	15s51	1s37	29s54	6s11	12s 6	12s12	14n19			n.a.

Julian Day Number = 1199023.5, Delta T = 09h24m26s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'37, Lahiri = -23°41'36 Julian Calendar 1 Oct. 1431 BCE == Greg. Calendar 18 Sept. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

NOVEMBER 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 48 58	26♎36'54	0♉54	9♏50	22♍33	14♏ 0	3♒42	3♏48	28°R45	22°R14	23♐49	1°D14	1♏27	9♉57	n.a.	F 1
S 2	1 52 54	27°38'05	12°42	11°22	23°47	14°46	3°46	3°55	28♒44	22♒14	23°51	1♏14	1°23	10° 4	n.a.	S 2
S 3	1 56 51	28°39'18	24°30	12°54	25° 1	15°33	3°51	4° 2	28°43	22°13	23°52	1°14	1°20	10°10	n.a.	S 3
M 4	2 0 47	29°40'31	6♊19	14°25	26°15	16°19	3°55	4° 9	28°42	22°13	23°53	1°14	1°17	10°17	n.a.	M 4
T 5	2 4 44	0♏41'45	18°14	15°56	27°29	17° 6	4° 0	4°16	28°42	22°12	23°54	1°14	1°14	10°24	n.a.	T 5
W 6	2 8 40	1°42'59	0♋17	17°26	28°43	17°52	4° 5	4°23	28°41	22°12	23°55	1°R14	1°11	10°30	n.a.	W 6
T 7	2 12 37	2°44'15	12°31	18°56	29°58	18°39	4°10	4°30	28°40	22°12	23°57	1°14	1° 8	10°37	n.a.	T 7
F 8	2 16 34	3°45'31	25° 2	20°25	1♎12	19°25	4°15	4°37	28°39	22°11	23°58	1°14	1° 4	10°44	n.a.	F 8
S 9	2 20 30	4°46'48	7♌52	21°53	2°26	20°12	4°21	4°44	28°39	22°11	23°59	1°D14	1° 1	10°50	n.a.	S 9
S 10	2 24 27	5°48'05	21° 5	23°20	3°41	20°58	4°26	4°51	28°38	22°11	24° 1	1°14	0°58	10°57	n.a.	S 10
M11	2 28 23	6°49'23	4♍45	24°46	4°55	21°45	4°32	4°58	28°38	22°11	24° 2	1°15	0°55	11° 4	n.a.	M11
T 12	2 32 20	7°50'42	18°51	26°10	6° 9	22°32	4°38	5° 5	28°37	22°11	24° 3	1°15	0°52	11°10	n.a.	T 12
W13	2 36 16	8°52'01	3♎23	27°32	7°24	23°19	4°44	5°12	28°37	22°11	24° 5	1°16	0°49	11°17	n.a.	W13
T 14	2 40 13	9°53'21	18°17	28°52	8°38	24° 5	4°51	5°19	28°37	22°10	24° 6	1°17	0°45	11°24	n.a.	T 14
F 15	2 44 10	10°54'41	3♏26	0♐ 9	9°53	24°52	4°57	5°26	28°36	22°10	24° 7	1°R17	0°42	11°30	n.a.	F 15
S 16	2 48 6	11°56'01	18°41	1°22	11° 7	25°39	5° 4	5°33	28°36	22°D10	24° 9	1°16	0°39	11°37	n.a.	S 16
S 17	2 52 3	12°57'21	3♐52	2°32	12°22	26°26	5°11	5°40	28°36	22°10	24°10	1°15	0°36	11°44	n.a.	S 17
M18	2 55 59	13°58'42	18°49	3°38	13°36	27°13	5°17	5°47	28°36	22°10	24°12	1°14	0°33	11°50	n.a.	M18
T 19	2 59 56	15° 0'02	3♑25	4°39	14°51	28° 0	5°25	5°54	28°36	22°11	24°13	1°12	0°29	11°57	n.a.	T 19
W20	3 3 52	16° 1'22	17°35	5°34	16° 6	28°47	5°32	6° 1	28°D36	22°11	24°15	1°10	0°26	12° 4	n.a.	W20
T 21	3 7 49	17° 2'41	1♒18	6°22	17°20	29°34	5°39	6° 8	28°36	22°11	24°16	1° 9	0°23	12°10	n.a.	T 21
F 22	3 11 45	18° 4'00	14°33	7° 3	18°35	0♐21	5°47	6°15	28°36	22°11	24°18	1°D 9	0°20	12°17	n.a.	F 22
S 23	3 15 42	19° 5'19	27°24	7°35	19°49	1° 8	5°55	6°22	28°36	22°11	24°19	1° 9	0°17	12°23	n.a.	S 23
S 24	3 19 39	20° 6'37	9♓54	7°59	21° 4	1°55	6° 3	6°29	28°36	22°12	24°21	1°10	0°14	12°30	n.a.	S 24
M25	3 23 35	21° 7'54	22° 8	8°12	22°19	2°42	6°11	6°35	28°36	22°12	24°23	1°11	0°10	12°37	n.a.	M25
T 26	3 27 32	22° 9'12	4♈ 9	8°R14	23°33	3°29	6°19	6°42	28°36	22°12	24°24	1°13	0° 7	12°43	n.a.	T 26
W27	3 31 28	23°10'28	16° 3	8° 4	24°48	4°16	6°27	6°49	28°37	22°13	24°26	1°14	0° 4	12°50	n.a.	W27
T 28	3 35 25	24°11'44	27°51	7°43	26° 3	5° 3	6°36	6°56	28°37	22°13	24°27	1°R15	0° 1	12°57	n.a.	T 28
F 29	3 39 21	25°13'00	9♉39	7°10	27°18	5°50	6°45	7° 3	28°38	22°13	24°29	1°15	29♎58	13° 3	n.a.	F 29
S 30	3 43 18	26♏14'15	21♉27	6♐25	28♎32	6♐38	6♒53	7♏10	28♒38	22♒14	24♐31	1♏13	29♎54	13♉10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s26	12n 1	0n 2	16s56	2s 1	4n41	1n50	16s55	0s38	21s 5	1s28	11s20	1n47	12s52	0s49	15s52	1s36	29s54	6s11	12s 6	12s11	14n20		n.a.
S 2	10 49	14 55	1s 3	17 28	2 4	4 12	1 51	17 9	0 38	21 4	1 28	11 22	1 47	12 53	0 49	15 52	1 36	29 54	6 11	12 6	12 10	14 21		n.a.
S 3	11 11	17 12	2 6	18 0	2 7	3 42	1 51	17 24	0 39	21 3	1 27	11 25	1 47	12 53	0 49	15 52	1 36	29 54	6 11	12 7	12 9	14 23		n.a.
M 4	11 33	18 44	3 3	18 30	2 9	3 12	1 51	17 38	0 39	21 1	1 27	11 27	1 47	12 53	0 49	15 52	1 36	29 54	6 11	12 7	12 8	14 24		n.a.
T 5	11 55	19 28	3 53	18 59	2 11	2 42	1 51	17 52	0 40	21 0	1 27	11 29	1 47	12 53	0 49	15 52	1 36	29 54	6 11	12 7	12 6	14 25		n.a.
W 6	12 17	19 19	4 33	19 28	2 13	2 12	1 51	18 6	0 40	20 58	1 27	11 32	1 47	12 54	0 49	15 52	1 36	29 54	6 11	12 7	12 5	14 26		n.a.
T 7	12 38	18 15	5 2	19 54	2 14	1 42	1 50	18 20	0 41	20 57	1 26	11 34	1 47	12 54	0 49	15 52	1 36	29 54	6 11	12 7	12 4	14 28		n.a.
F 8	12 59	16 19	5 16	20 20	2 15	1 12	1 50	18 33	0 41	20 56	1 26	11 37	1 47	12 54	0 48	15 52	1 36	29 54	6 11	12 7	12 3	14 29		n.a.
S 9	13 20	13 32	5 16	20 44	2 15	0 41	1 50	18 47	0 42	20 54	1 26	11 39	1 47	12 54	0 48	15 52	1 36	29 54	6 11	12 7	12 2	14 30		n.a.
S 10	13 41	10 0	4 59	21 6	2 14	0 11	1 49	19 0	0 42	20 52	1 26	11 42	1 47	12 54	0 48	15 52	1 36	29 54	6 11	12 7	12 1	14 32		n.a.
M11	14 2	5 49	4 26	21 27	2 13	0s20	1 49	19 13	0 43	20 51	1 25	11 44	1 47	12 55	0 48	15 52	1 36	29 54	6 11	12 7	12 0	14 33		n.a.
T 12	14 22	1 12	3 35	21 46	2 12	0 50	1 48	19 26	0 44	20 49	1 25	11 46	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 59	14 34		n.a.
W13	14 42	3s39	2 29	22 3	2 9	1 21	1 48	19 38	0 44	20 47	1 25	11 49	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 57	14 35		n.a.
T 14	15 2	8 24	1 12	22 18	2 6	1 51	1 47	19 51	0 45	20 46	1 25	11 51	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 56	14 37		n.a.
F 15	15 22	12 41	0n12	22 31	2 1	2 22	1 46	20 3	0 45	20 44	1 25	11 54	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 55	14 38		n.a.
S 16	15 41	16 10	1 35	22 42	1 56	2 52	1 45	20 15	0 46	20 42	1 24	11 56	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 54	14 39		n.a.
S 17	16 0	18 29	2 51	22 50	1 50	3 23	1 44	20 27	0 46	20 40	1 24	11 58	1 47	12 55	0 48	15 52	1 36	29 54	6 10	12 7	11 53	14 40		n.a.
M18	16 19	19 29	3 55	22 56	1 43	3 53	1 43	20 38	0 47	20 38	1 24	12 1	1 46	12 55	0 48	15 52	1 36	29 54	6 10	12 6	11 52	14 42		n.a.
T 19	16 37	19 8	4 41	23 0	1 35	4 23	1 42	20 50	0 47	20 36	1 24	12 3	1 46	12 55	0 48	15 52	1 36	29 54	6 10	12 6	11 51	14 43		n.a.
W20	16 55	17 35	5 8	23 1	1 25	4 54	1 41	21 1	0 48	20 34	1 23	12 5	1 46	12 55	0 48	15 52	1 36	29 54	6 10	12 5	11 50	14 44		n.a.
T 21	17 13	15 4	5 17	22 59	1 15	5 24	1 40	21 12	0 48	20 32	1 23	12 8	1 46	12 55	0 48	15 52	1 36	29 54	6 10	12 5	11 48	14 45		n.a.
F 22	17 31	11 50	5 8	22 54	1 3	5 54	1 38	21 22	0 48	20 30	1 23	12 10	1 46	12 55	0 48	15 52	1 36	29 54	6 10	12 5	11 47	14 47		n.a.
S 23	17 48	8 8	4 45	22 47	0 50	6 24	1 37	21 33	0 49	20 28	1 23	12 12	1 46	12 55	0 48	15 52	1 35	29 54	6 10	12 5	11 46	14 48		n.a.
S 24	18 5	4 11	4 8	22 36	0 35	6 53	1 35	21 43	0 49	20 25	1 23	12 15	1 46	12 55	0 48	15 52	1 35	29 54	6 10	12 5	11 45	14 49		n.a.
M25	18 21	0 7	3 20	22 23	0 19	7 23	1 34	21 53	0 50	20 23	1 22	12 17	1 46	12 55	0 48	15 51	1 35	29 54	6 10	12 5	11 44	14 50		n.a.
T 26	18 38	3n53	2 24	22 6	0 2	7 53	1 32	22 3	0 50	20 21	1 22	12 19	1 46	12 54	0 48	15 51	1 35	29 54	6 10	12 6	11 43	14 51		n.a.
W27	18 54	7 42	1 23	21 47	0n16	8 22	1 31	22 12	0 51	20 19	1 22	12 21	1 46	12 54	0 48	15 51	1 35	29 54	6 10	12 7	11 42	14 53		n.a.
T 28	19 9	11 11	0 19	21 25	0 35	8 51	1 29	22 21	0 51	20 16	1 22	12 24	1 46	12 54	0 48	15 51	1 35	29 54	6 10	12 7	11 40	14 54		n.a.
F 29	19 24	14 14	0s46	21 0	0 54	9 20	1 27	22 30	0 52	20 14	1 22	12 26	1 46	12 54	0 48	15 51	1 35	29 54	6 10	12 7	11 39	14 55		n.a.
S 30	19s39	16n41	1s49	20s33	1n14	9s49	1n25	22s39	0s52	20s11	1s21	12s28	1n46	12s54	0s48	15s50	1s35	29s54	6s10	12s 6	11s38	14n56		n.a.

Julian Day Number = 1199054.5, Delta T = 09h24m25s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'32, Lahiri = -23°41'32 Julian Calendar 1 Nov. 1431 BCE == Greg. Calendar 19 Oct. 1431 BCE

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ASTRODIENST EPHEMERIS for the year 1431 BCE
geocentric

DECEMBER 1431 BCE (-1430) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 47 15	27♏15'29	3♊18	5°R31	29♎47	7♐25	7♒ 2	7♏16	28♒39	22♒14	24♐32	1°R10	29♎51	13♉17	n.a.	S 1
M 2	3 51 11	28°16'44	15°15	4♐27	1♏ 2	8°12	7°11	7°23	28°39	22°15	24°34	1♏ 6	29°48	13°23	n.a.	M 2
T 3	3 55 8	29°17'57	27°18	3°15	2°17	8°59	7°20	7°30	28°40	22°16	24°36	1° 1	29°45	13°30	n.a.	T 3
W 4	3 59 4	0♐19'11	9♋30	1°59	3°31	9°46	7°30	7°36	28°40	22°16	24°37	0°56	29°42	13°37	n.a.	W 4
T 5	4 3 1	1°20'24	21°53	0°41	4°46	10°34	7°39	7°43	28°41	22°17	24°39	0°51	29°39	13°43	n.a.	T 5
F 6	4 6 57	2°21'36	4♌28	29♏22	6° 1	11°21	7°49	7°50	28°42	22°17	24°41	0°47	29°35	13°50	n.a.	F 6
S 7	4 10 54	3°22'48	17°18	28° 6	7°16	12° 8	7°59	7°56	28°43	22°18	24°43	0°44	29°32	13°57	n.a.	S 7
S 8	4 14 50	4°23'59	0♍27	26°54	8°30	12°55	8° 8	8° 3	28°44	22°19	24°44	0°D43	29°29	14° 3	n.a.	S 8
M 9	4 18 47	5°25'10	13°55	25°48	9°45	13°43	8°18	8° 9	28°45	22°20	24°46	0°43	29°26	14°10	n.a.	M 9
T 10	4 22 44	6°26'20	27°46	24°50	11° 0	14°30	8°28	8°16	28°46	22°21	24°48	0°44	29°23	14°17	n.a.	T 10
W11	4 26 40	7°27'30	12♎ 0	24° 1	12°15	15°17	8°39	8°22	28°47	22°21	24°50	0°46	29°20	14°23	n.a.	W11
T 12	4 30 37	8°28'39	26°36	23°21	13°30	16° 5	8°49	8°28	28°48	22°22	24°51	0°R47	29°16	14°30	n.a.	T 12
F 13	4 34 33	9°29'48	11♏30	22°50	14°44	16°52	8°59	8°35	28°49	22°23	24°53	0°46	29°13	14°36	n.a.	F 13
S 14	4 38 30	10°30'55	26°35	22°28	15°59	17°39	9°10	8°41	28°50	22°24	24°55	0°44	29°10	14°43	n.a.	S 14
S 15	4 42 26	11°32'02	11♐43	22°15	17°14	18°27	9°21	8°47	28°51	22°25	24°57	0°40	29° 7	14°50	n.a.	S 15
M16	4 46 23	12°33'08	26°44	22°D11	18°29	19°14	9°31	8°54	28°53	22°26	24°59	0°34	29° 4	14°56	n.a.	M16
T 17	4 50 20	13°34'13	11♑29	22°14	19°44	20° 2	9°42	9° 0	28°54	22°27	25° 0	0°27	29° 0	15° 3	n.a.	T 17
W18	4 54 16	14°35'16	25°50	22°25	20°58	20°49	9°53	9° 6	28°55	22°28	25° 2	0°20	28°57	15°10	n.a.	W18
T 19	4 58 13	15°36'18	9♒43	22°43	22°13	21°36	10° 4	9°12	28°57	22°29	25° 4	0°13	28°54	15°16	n.a.	T 19
F 20	5 2 9	16°37'18	23° 8	23° 7	23°28	22°24	10°15	9°18	28°58	22°30	25° 6	0° 9	28°51	15°23	n.a.	F 20
S 21	5 6 6	17°38'17	6♓ 4	23°37	24°43	23°11	10°27	9°24	29° 0	22°32	25° 8	0° 6	28°48	15°30	n.a.	S 21
S 22	5 10 2	18°39'15	18°37	24°13	25°57	23°58	10°38	9°30	29° 1	22°33	25°10	0°D 5	28°45	15°36	n.a.	S 22
M23	5 13 59	19°40'11	0♈50	24°53	27°12	24°46	10°50	9°36	29° 3	22°34	25°11	0° 6	28°41	15°43	n.a.	M23
T 24	5 17 55	20°41'05	12°50	25°37	28°27	25°33	11° 1	9°42	29° 5	22°35	25°13	0° 7	28°38	15°50	n.a.	T 24
W25	5 21 52	21°41'57	24°40	26°26	29°42	26°21	11°13	9°48	29° 6	22°37	25°15	0°R 8	28°35	15°56	n.a.	W25
T 26	5 25 49	22°42'48	6♉26	27°18	0♐56	27° 8	11°25	9°54	29° 8	22°38	25°17	0° 8	28°32	16° 3	n.a.	T 26
F 27	5 29 45	23°43'38	18°13	28°13	2°11	27°55	11°36	9°59	29°10	22°39	25°19	0° 6	28°29	16°10	n.a.	F 27
S 28	5 33 42	24°44'26	0♊ 4	29°12	3°26	28°43	11°48	10° 5	29°12	22°41	25°21	0° 2	28°26	16°16	n.a.	S 28
S 29	5 37 38	25°45'12	12° 2	0♐13	4°40	29°30	12° 0	10°11	29°14	22°42	25°23	29♎55	28°22	16°23	n.a.	S 29
M30	5 41 35	26°45'57	24° 8	1°17	5°55	0♑17	12°12	10°16	29°16	22°43	25°24	29°46	28°19	16°30	n.a.	M30
T 31	5 45 31	27♐46'40	6♋25	2♐23	7♐10	1♑ 5	12♒25	10♏22	29♒18	22♒45	25♐26	29♎35	28♎16	16♉36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s53	18n27	2s47	20s 4	1n34	10s17	1n24	22s48	0s53	20s 9	1s21	12s30	1n46	12s54	0s48	15s50	1s35	29s54	6s10	12s 5	11s37	14n58		n.a.
M 2	20 8	19 24	3 39	19 33	1 53	10 46	1 22	22 56	0 53	20 6	1 21	12 33	1 46	12 53	0 47	15 50	1 35	29 54	6 10	12 4	11 36	14 59		n.a.
T 3	20 21	19 29	4 21	19 2	2 11	11 14	1 20	23 4	0 53	20 4	1 21	12 35	1 46	12 53	0 47	15 50	1 35	29 54	6 10	12 2	11 35	15 0		n.a.
W 4	20 35	18 40	4 52	18 30	2 28	11 42	1 18	23 12	0 54	20 1	1 21	12 37	1 46	12 53	0 47	15 50	1 35	29 55	6 10	12 0	11 34	15 1		n.a.
T 5	20 47	16 58	5 9	18 0	2 43	12 9	1 16	23 19	0 54	19 58	1 20	12 39	1 46	12 52	0 47	15 49	1 35	29 55	6 10	11 58	11 32	15 2		n.a.
F 6	21 0	14 26	5 12	17 30	2 56	12 36	1 14	23 26	0 55	19 56	1 20	12 41	1 46	12 52	0 47	15 49	1 35	29 55	6 10	11 57	11 31	15 4		n.a.
S 7	21 12	11 10	5 0	17 3	3 7	13 3	1 11	23 33	0 55	19 53	1 20	12 43	1 46	12 52	0 47	15 49	1 35	29 55	6 10	11 56	11 30	15 5		n.a.
S 8	21 24	7 16	4 32	16 39	3 15	13 30	1 9	23 40	0 55	19 50	1 20	12 46	1 46	12 51	0 47	15 48	1 35	29 55	6 10	11 55	11 29	15 6		n.a.
M 9	21 35	2 56	3 48	16 18	3 21	13 56	1 7	23 46	0 56	19 47	1 20	12 48	1 46	12 51	0 47	15 48	1 35	29 55	6 10	11 55	11 28	15 7		n.a.
T 10	21 46	1s42	2 51	16 0	3 25	14 22	1 5	23 52	0 56	19 45	1 20	12 50	1 47	12 51	0 47	15 48	1 35	29 55	6 10	11 56	11 27	15 8		n.a.
W11	21 56	6 22	1 41	15 47	3 26	14 47	1 3	23 58	0 56	19 42	1 19	12 52	1 47	12 50	0 47	15 48	1 35	29 55	6 10	11 56	11 26	15 9		n.a.
T 12	22 6	10 47	0 23	15 37	3 25	15 13	1 0	24 4	0 57	19 39	1 19	12 54	1 47	12 50	0 47	15 47	1 35	29 55	6 10	11 57	11 24	15 11		n.a.
F 13	22 16	14 38	0n58	15 32	3 23	15 37	0 58	24 9	0 57	19 36	1 19	12 56	1 47	12 49	0 47	15 47	1 35	29 55	6 10	11 57	11 23	15 12		n.a.
S 14	22 25	17 32	2 16	15 30	3 20	16 2	0 56	24 14	0 57	19 33	1 19	12 58	1 47	12 49	0 47	15 46	1 35	29 55	6 10	11 56	11 22	15 13		n.a.
S 15	22 34	19 13	3 24	15 31	3 15	16 26	0 53	24 18	0 58	19 30	1 19	13 0	1 47	12 48	0 47	15 46	1 34	29 55	6 10	11 54	11 21	15 14		n.a.
M16	22 42	19 32	4 18	15 36	3 9	16 49	0 51	24 23	0 58	19 27	1 19	13 2	1 47	12 48	0 47	15 46	1 34	29 56	6 10	11 52	11 20	15 15		n.a.
T 17	22 50	18 30	4 53	15 44	3 2	17 12	0 48	24 27	0 58	19 23	1 18	13 4	1 47	12 47	0 47	15 45	1 34	29 56	6 10	11 50	11 19	15 16		n.a.
W18	22 57	16 18	5 9	15 54	2 54	17 35	0 46	24 31	0 59	19 20	1 18	13 6	1 47	12 47	0 47	15 45	1 34	29 56	6 10	11 47	11 18	15 18		n.a.
T 19	23 4	13 14	5 5	16 6	2 46	17 57	0 43	24 34	0 59	19 17	1 18	13 8	1 47	12 46	0 47	15 45	1 34	29 56	6 10	11 45	11 16	15 19		n.a.
F 20	23 10	9 34	4 45	16 21	2 37	18 19	0 41	24 38	0 59	19 14	1 18	13 10	1 47	12 46	0 47	15 44	1 34	29 56	6 10	11 43	11 15	15 20		n.a.
S 21	23 16	5 34	4 11	16 37	2 28	18 40	0 38	24 41	1 0	19 11	1 18	13 12	1 47	12 45	0 47	15 44	1 34	29 56	6 10	11 42	11 14	15 21		n.a.
S 22	23 22	1 26	3 25	16 55	2 19	19 0	0 36	24 43	1 0	19 7	1 18	13 13	1 47	12 45	0 47	15 43	1 34	29 56	6 10	11 42	11 13	15 22		n.a.
M23	23 27	2n39	2 32	17 14	2 9	19 20	0 33	24 46	1 0	19 4	1 18	13 15	1 47	12 44	0 47	15 43	1 34	29 56	6 10	11 42	11 12	15 23		n.a.
T 24	23 32	6 34	1 32	17 34	1 59	19 40	0 31	24 48	1 1	19 1	1 17	13 17	1 47	12 43	0 47	15 42	1 34	29 57	6 10	11 43	11 11	15 25		n.a.
W25	23 36	10 11	0 30	17 55	1 50	19 59	0 28	24 49	1 1	18 57	1 17	13 19	1 47	12 43	0 47	15 42	1 34	29 57	6 11	11 43	11 10	15 26		n.a.
T 26	23 39	13 22	0s34	18 17	1 40	20 18	0 25	24 51	1 1	18 54	1 17	13 21	1 47	12 42	0 47	15 41	1 34	29 57	6 11	11 43	11 8	15 27		n.a.
F 27	23 43	16 1	1 36	18 39	1 30	20 35	0 23	24 52	1 1	18 50	1 17	13 22	1 47	12 41	0 46	15 41	1 34	29 57	6 11	11 42	11 7	15 28		n.a.
S 28	23 45	18 1	2 34	19 2	1 20	20 53	0 20	24 53	1 2	18 47	1 17	13 24	1 47	12 41	0 46	15 40	1 34	29 57	6 11	11 41	11 6	15 29		n.a.
S 29	23 47	19 14	3 25	19 24	1 11	21 9	0 18	24 53	1 2	18 43	1 17	13 26	1 47	12 40	0 46	15 40	1 34	29 57	6 11	11 38	11 5	15 30		n.a.
M30	23 49	19 36	4 8	19 47	1 1	21 26	0 15	24 54	1 2	18 40	1 17	13 28	1 47	12 39	0 46	15 39	1 34	29 57	6 11	11 35	11 4	15 31		n.a.
T 31	23s50	19n 2	4s40	20s10	0n52	21s41	0n12	24s54	1s 2	18s36	1s17	13s29	1n48	12s39	0s46	15s39	1s34	29s57	6s11	11s31	11s 3	15n32		n.a.

Julian Day Number = 1199084.5, Delta T = 09h24m23s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'28, Lahiri = -23°41'28 Julian Calendar 1 Dec. 1431 BCE == Greg. Calendar 18 Nov. 1431 BCE

The year -1430 astronomical counting style corresponds to year 1431 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

JANUARY 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 49 28	28♐47'22	18♋52	3♐31	8♐25	1♑52	12♒37	10♏27	29♒20	22♒46	25♐28	29°R23	28♎13	16♉43	n.a.	W 1
T 2	5 53 24	29°48'02	1♌30	4°41	9°39	2°39	12°49	10°32	29°22	22°48	25°30	29♎12	28°10	16°50	n.a.	T 2
F 3	5 57 21	0♑48'40	14°20	5°53	10°54	3°27	13° 2	10°38	29°24	22°49	25°32	29° 3	28° 6	16°56	n.a.	F 3
S 4	6 1 18	1°49'18	27°22	7° 7	12° 9	4°14	13°14	10°43	29°26	22°51	25°34	28°55	28° 3	17° 3	n.a.	S 4
S 5	6 5 14	2°49'53	10♍36	8°22	13°23	5° 1	13°27	10°48	29°28	22°53	25°35	28°50	28° 0	17° 9	n.a.	S 5
M 6	6 9 11	3°50'28	24° 5	9°39	14°38	5°49	13°39	10°53	29°30	22°54	25°37	28°48	27°57	17°16	n.a.	M 6
T 7	6 13 7	4°51'00	7♎48	10°58	15°53	6°36	13°52	10°58	29°33	22°56	25°39	28°D48	27°54	17°23	n.a.	T 7
W 8	6 17 4	5°51'32	21°48	12°18	17° 7	7°23	14° 5	11° 3	29°35	22°57	25°41	28°R48	27°51	17°29	n.a.	W 8
T 9	6 21 0	6°52'02	6♏ 4	13°39	18°22	8°10	14°18	11° 8	29°37	22°59	25°43	28°48	27°47	17°36	n.a.	T 9
F 10	6 24 57	7°52'30	20°35	15° 2	19°36	8°58	14°30	11°13	29°40	23° 1	25°45	28°46	27°44	17°43	n.a.	F 10
S 11	6 28 53	8°52'57	5♐17	16°25	20°51	9°45	14°43	11°18	29°42	23° 3	25°46	28°42	27°41	17°49	n.a.	S 11
S 12	6 32 50	9°53'23	20° 5	17°50	22° 6	10°32	14°56	11°23	29°44	23° 4	25°48	28°35	27°38	17°56	n.a.	S 12
M13	6 36 47	10°53'46	4♑50	19°16	23°20	11°19	15°10	11°27	29°47	23° 6	25°50	28°25	27°35	18° 3	n.a.	M13
T 14	6 40 43	11°54'08	19°25	20°44	24°35	12° 6	15°23	11°32	29°49	23° 8	25°52	28°14	27°32	18° 9	n.a.	T 14
W15	6 44 40	12°54'28	3♒43	22°12	25°49	12°54	15°36	11°36	29°52	23°10	25°54	28° 2	27°28	18°16	n.a.	W15
T 16	6 48 36	13°54'46	17°37	23°41	27° 4	13°41	15°49	11°41	29°55	23°12	25°55	27°51	27°25	18°23	n.a.	T 16
F 17	6 52 33	14°55'01	1♓ 4	25°12	28°19	14°28	16° 3	11°45	29°57	23°13	25°57	27°42	27°22	18°29	n.a.	F 17
S 18	6 56 29	15°55'15	14° 5	26°43	29°33	15°15	16°16	11°49	29°59	23°15	25°59	27°36	27°19	18°36	n.a.	S 18
S 19	7 0 26	16°55'26	26°42	28°16	0♑48	16° 2	16°29	11°54	0♓ 3	23°17	26° 1	27°32	27°16	18°43	n.a.	S 19
M20	7 4 22	17°55'34	8♈58	29°50	2° 2	16°49	16°43	11°58	0° 5	23°19	26° 2	27°31	27°12	18°49	n.a.	M20
T 21	7 8 19	18°55'41	20°59	1♑24	3°17	17°36	16°56	12° 2	0° 8	23°21	26° 4	27°31	27° 9	18°56	n.a.	T 21
W22	7 12 16	19°55'45	2♉51	3° 0	4°31	18°23	17°10	12° 6	0°11	23°23	26° 6	27°31	27° 6	19° 3	n.a.	W22
T 23	7 16 12	20°55'47	14°38	4°37	5°46	19°10	17°23	12°10	0°14	23°25	26° 7	27°30	27° 3	19° 9	n.a.	T 23
F 24	7 20 9	21°55'47	26°27	6°15	7° 0	19°57	17°37	12°14	0°16	23°27	26° 9	27°27	27° 0	19°16	n.a.	F 24
S 25	7 24 5	22°55'45	8♊21	7°54	8°15	20°44	17°51	12°17	0°19	23°29	26°11	27°21	26°57	19°23	n.a.	S 25
S 26	7 28 2	23°55'40	20°25	9°34	9°29	21°31	18° 5	12°21	0°22	23°31	26°13	27°13	26°53	19°29	n.a.	S 26
M27	7 31 58	24°55'33	2♋41	11°15	10°43	22°18	18°18	12°25	0°25	23°33	26°14	27° 2	26°50	19°36	n.a.	M27
T 28	7 35 55	25°55'23	15°11	12°57	11°58	23° 5	18°32	12°28	0°28	23°35	26°16	26°49	26°47	19°43	n.a.	T 28
W29	7 39 51	26°55'12	27°56	14°41	13°12	23°51	18°46	12°31	0°31	23°37	26°18	26°35	26°44	19°49	n.a.	W29
T 30	7 43 48	27°54'58	10♌54	16°26	14°27	24°38	19° 0	12°35	0°34	23°39	26°19	26°22	26°41	19°56	n.a.	T 30
F 31	7 47 45	28♑54'43	24♌ 6	18♑11	15♑41	25♑25	19♒14	12♏38	0♓37	23♒41	26♐21	26♎10	26♎38	20♉ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23 s51	17n34	4 s59	20 s32	0n42	21 s56	0n10	24 s53	1 s 3	18 s32	1 s16	13 s31	1n48	12 s38	0 s46	15 s38	1 s34	29 s58	6 s11	11 s27	11 s 2	15n34			n.a.
T 2	23 52	15 14	5 4	20 54	0 33	22 10	0 7	24 53	1 3	18 29	1 16	13 32	1 48	12 37	0 46	15 38	1 34	29 58	6 11	11 23	11 0	15 35			n.a.
F 3	23 51	12 8	4 54	21 16	0 24	22 24	0 5	24 52	1 3	18 25	1 16	13 34	1 48	12 36	0 46	15 37	1 34	29 58	6 11	11 20	10 59	15 36			n.a.
S 4	23 51	8 25	4 28	21 38	0 15	22 37	0 2	24 51	1 3	18 21	1 16	13 36	1 48	12 35	0 46	15 37	1 34	29 58	6 11	11 17	10 58	15 37			n.a.
S 5	23 50	4 13	3 48	21 59	0 7	22 49	0 s 0	24 49	1 3	18 17	1 16	13 37	1 48	12 35	0 46	15 36	1 34	29 58	6 11	11 15	10 57	15 38			n.a.
M 6	23 48	0 s16	2 54	22 19	0 s 2	23 0	0 3	24 47	1 4	18 14	1 16	13 39	1 48	12 34	0 46	15 36	1 34	29 58	6 11	11 14	10 56	15 39			n.a.
T 7	23 46	4 49	1 50	22 39	0 10	23 11	0 6	24 45	1 4	18 10	1 16	13 40	1 48	12 33	0 46	15 35	1 34	29 59	6 12	11 14	10 55	15 40			n.a.
W 8	23 44	9 13	0 37	22 58	0 18	23 21	0 8	24 43	1 4	18 6	1 16	13 42	1 48	12 32	0 46	15 34	1 34	29 59	6 12	11 14	10 53	15 41			n.a.
T 9	23 41	13 10	0n39	23 16	0 26	23 31	0 11	24 40	1 4	18 2	1 16	13 43	1 48	12 31	0 46	15 34	1 34	29 59	6 12	11 14	10 52	15 42			n.a.
F 10	23 37	16 24	1 53	23 33	0 33	23 40	0 13	24 37	1 4	17 58	1 15	13 45	1 48	12 30	0 46	15 33	1 34	29 59	6 12	11 14	10 51	15 43			n.a.
S 11	23 33	18 35	3 1	23 50	0 41	23 48	0 16	24 34	1 4	17 54	1 15	13 46	1 48	12 30	0 46	15 33	1 33	29 59	6 12	11 12	10 50	15 44			n.a.
S 12	23 29	19 33	3 57	24 5	0 48	23 55	0 18	24 30	1 5	17 50	1 15	13 47	1 49	12 29	0 46	15 32	1 33	29 59	6 12	11 10	10 49	15 46			n.a.
M13	23 24	19 9	4 37	24 20	0 55	24 2	0 20	24 27	1 5	17 46	1 15	13 49	1 49	12 28	0 46	15 31	1 33	30 0	6 12	11 6	10 48	15 47			n.a.
T 14	23 19	17 30	4 58	24 33	1 1	24 8	0 23	24 22	1 5	17 42	1 15	13 50	1 49	12 27	0 46	15 31	1 33	30 0	6 12	11 2	10 46	15 48			n.a.
W15	23 13	14 48	5 0	24 45	1 7	24 13	0 25	24 18	1 5	17 38	1 15	13 51	1 49	12 26	0 46	15 30	1 33	30 0	6 12	10 58	10 45	15 49			n.a.
T 16	23 7	11 19	4 44	24 56	1 13	24 17	0 27	24 13	1 5	17 34	1 15	13 53	1 49	12 25	0 46	15 29	1 33	30 0	6 12	10 54	10 44	15 50			n.a.
F 17	23 1	7 21	4 13	25 5	1 19	24 21	0 30	24 8	1 5	17 30	1 15	13 54	1 49	12 24	0 46	15 29	1 33	30 0	6 13	10 50	10 43	15 51			n.a.
S 18	22 54	3 10	3 29	25 14	1 25	24 24	0 32	24 3	1 5	17 26	1 15	13 55	1 49	12 23	0 46	15 28	1 33	30 0	6 13	10 48	10 42	15 52			n.a.
S 19	22 46	1n 2	2 36	25 21	1 30	24 26	0 34	23 58	1 5	17 21	1 15	13 56	1 49	12 22	0 46	15 28	1 33	30 1	6 13	10 47	10 41	15 53			n.a.
M20	22 38	5 6	1 37	25 26	1 34	24 27	0 37	23 52	1 5	17 17	1 15	13 58	1 49	12 21	0 46	15 27	1 33	30 1	6 13	10 46	10 39	15 54			n.a.
T 21	22 30	8 52	0 35	25 30	1 39	24 28	0 39	23 46	1 6	17 13	1 15	13 59	1 49	12 20	0 46	15 26	1 33	30 1	6 13	10 46	10 38	15 55			n.a.
W22	22 21	12 14	0 s28	25 32	1 43	24 28	0 41	23 39	1 6	17 9	1 15	14 0	1 50	12 19	0 46	15 25	1 33	30 1	6 13	10 46	10 37	15 56			n.a.
T 23	22 12	15 5	1 30	25 33	1 47	24 27	0 43	23 33	1 6	17 4	1 14	14 1	1 50	12 18	0 46	15 25	1 33	30 1	6 13	10 46	10 36	15 57			n.a.
F 24	22 2	17 19	2 27	25 33	1 50	24 25	0 45	23 26	1 6	17 0	1 14	14 2	1 50	12 17	0 46	15 24	1 33	30 2	6 14	10 45	10 35	15 58			n.a.
S 25	21 52	18 49	3 18	25 30	1 53	24 23	0 47	23 19	1 6	16 56	1 14	14 3	1 50	12 16	0 46	15 23	1 33	30 2	6 14	10 43	10 34	15 59			n.a.
S 26	21 42	19 30	4 1	25 26	1 56	24 20	0 49	23 11	1 6	16 51	1 14	14 4	1 50	12 15	0 46	15 23	1 33	30 2	6 14	10 40	10 33	16 0			n.a.
M27	21 31	19 16	4 34	25 20	1 58	24 16	0 51	23 4	1 6	16 47	1 14	14 5	1 50	12 14	0 46	15 22	1 33	30 2	6 14	10 36	10 31	16 1			n.a.
T 28	21 20	18 7	4 54	25 12	2 0	24 11	0 53	22 56	1 6	16 43	1 14	14 6	1 50	12 13	0 46	15 21	1 33	30 2	6 14	10 31	10 30	16 2			n.a.
W29	21 9	16 3	5 0	25 3	2 1	24 6	0 55	22 48	1 6	16 38	1 14	14 7	1 50	12 12	0 45	15 21	1 33	30 3	6 14	10 26	10 29	16 3			n.a.
T 30	20 57	13 9	4 51	24 51	2 2	24 0	0 57	22 39	1 6	16 34	1 14	14 8	1 50	12 10	0 45	15 20	1 33	30 3	6 14	10 21	10 28	16 4			n.a.
F 31	20 s44	9n33	4 s26	24 s38	2 s 3	23 s53	0 s58	22 s31	1 s 6	16 s29	1 s14	14 s 9	1n51	12 s 9	0 s45	15 s19	1 s33	30 s 3	6 s15	10 s17	10 s27	16n 5			n.a.

Julian Day Number = 1199115.5, Delta T = 09h24m21s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'24, Lahiri = -23°41'24 Julian Calendar 1 Jan. 1430 BCE == Greg. Calendar 19 Dec. 1431 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

FEBRUARY 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 51 41	29♉54'25	7♍28	19♉58	16♉56	26♉12	19♒28	12♏41	0♓40	23♒43	26♐22	26°R 1	26♎34	20♌ 9	n.a.	S 1
S 2	7 55 38	0♒54'05	21° 1	21°46	18°10	26°58	19°42	12°44	0°43	23°46	26°24	25♎55	26°31	20°16	n.a.	S 2
M 3	7 59 34	1°53'43	4♎42	23°36	19°24	27°45	19°56	12°47	0°46	23°48	26°26	25°51	26°28	20°23	n.a.	M 3
T 4	8 3 31	2°53'20	18°32	25°26	20°39	28°32	20°10	12°50	0°49	23°50	26°27	25°50	26°25	20°29	n.a.	T 4
W 5	8 7 27	3°52'54	2♏30	27°18	21°53	29°18	20°24	12°53	0°52	23°52	26°29	25°50	26°22	20°36	n.a.	W 5
T 6	8 11 24	4°52'27	16°36	29°11	23° 7	0♒ 5	20°38	12°56	0°55	23°54	26°30	25°50	26°18	20°43	n.a.	T 6
F 7	8 15 20	5°51'58	0♐50	1♒ 5	24°22	0°51	20°52	12°58	0°59	23°56	26°32	25°48	26°15	20°49	n.a.	F 7
S 8	8 19 17	6°51'27	15° 9	3° 0	25°36	1°38	21° 6	13° 1	1° 2	23°58	26°33	25°44	26°12	20°56	n.a.	S 8
S 9	8 23 13	7°50'54	29°30	4°57	26°50	2°24	21°20	13° 3	1° 5	24° 1	26°35	25°37	26° 9	21° 2	n.a.	S 9
M10	8 27 10	8°50'19	13♑49	6°54	28° 5	3°11	21°35	13° 5	1° 8	24° 3	26°36	25°27	26° 6	21° 9	n.a.	M10
T 11	8 31 7	9°49'42	28° 0	8°53	29°19	3°57	21°49	13° 8	1°11	24° 5	26°38	25°16	26° 3	21°16	n.a.	T 11
W12	8 35 3	10°49'03	11♒58	10°52	0♒33	4°44	22° 3	13°10	1°15	24° 7	26°39	25° 4	25°59	21°22	n.a.	W12
T 13	8 39 0	11°48'22	25°38	12°53	1°48	5°30	22°17	13°12	1°18	24° 9	26°40	24°53	25°56	21°29	n.a.	T 13
F 14	8 42 56	12°47'38	8♓57	14°54	3° 2	6°16	22°32	13°14	1°21	24°12	26°42	24°43	25°53	21°36	n.a.	F 14
S 15	8 46 53	13°46'52	21°54	16°56	4°16	7° 3	22°46	13°16	1°24	24°14	26°43	24°36	25°50	21°42	n.a.	S 15
S 16	8 50 49	14°46'04	4♈30	18°58	5°30	7°49	23° 0	13°18	1°28	24°16	26°44	24°32	25°47	21°49	n.a.	S 16
M17	8 54 46	15°45'13	16°47	21° 1	6°45	8°35	23°15	13°19	1°31	24°18	26°46	24°30	25°44	21°56	n.a.	M17
T 18	8 58 42	16°44'20	28°50	23° 4	7°59	9°21	23°29	13°21	1°34	24°21	26°47	24°D30	25°40	22° 2	n.a.	T 18
W19	9 2 39	17°43'24	10♉43	25° 6	9°13	10° 7	23°43	13°22	1°38	24°23	26°48	24°31	25°37	22° 9	n.a.	W19
T 20	9 6 35	18°42'26	22°32	27° 8	10°27	10°53	23°58	13°24	1°41	24°25	26°50	24°R31	25°34	22°16	n.a.	T 20
F 21	9 10 32	19°41'25	4♊22	29°10	11°41	11°39	24°12	13°25	1°44	24°27	26°51	24°29	25°31	22°22	n.a.	F 21
S 22	9 14 29	20°40'22	16°19	1♓10	12°56	12°25	24°26	13°26	1°48	24°30	26°52	24°26	25°28	22°29	n.a.	S 22
S 23	9 18 25	21°39'17	28°26	3° 8	14°10	13°11	24°41	13°27	1°51	24°32	26°53	24°21	25°24	22°36	n.a.	S 23
M24	9 22 22	22°38'09	10♋49	5° 5	15°24	13°57	24°55	13°28	1°55	24°34	26°54	24°13	25°21	22°42	n.a.	M24
T 25	9 26 18	23°36'59	23°29	7° 0	16°38	14°43	25° 9	13°29	1°58	24°36	26°56	24° 3	25°18	22°49	n.a.	T 25
W26	9 30 15	24°35'47	6♌28	8°52	17°52	15°29	25°24	13°30	2° 1	24°39	26°57	23°53	25°15	22°56	n.a.	W26
T 27	9 34 11	25°34'32	19°45	10°41	19° 6	16°15	25°38	13°31	2° 5	24°41	26°58	23°43	25°12	23° 2	n.a.	T 27
F 28	9 38 8	26♒33'15	3♍18	12♓27	20♒20	17♒ 0	25♒52	13♏31	2♓ 8	24♒43	26♐59	23♎34	25♎ 9	23♌ 9	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s32	5n26	3s46	24s22	2s 3	23s46	1s 0	22s22	1s 6	16s25	1s14	14s10	1n51	12s 8	0s45	15s18	1s33	30s 3	6s15	10s13	10s26	16n 6		n.a.
S 2	20 19	0 59	2 53	24 5	2 3	23 37	1 2	22 13	1 6	16 20	1 14	14 11	1 51	12 7	0 45	15 18	1 33	30 3	6 15	10 11	10 24	16 7		n.a.
M 3	20 5	3s34	1 49	23 46	2 2	23 28	1 3	22 3	1 6	16 16	1 14	14 11	1 51	12 6	0 45	15 17	1 33	30 4	6 15	10 10	10 23	16 8		n.a.
T 4	19 51	7 59	0 39	23 24	2 1	23 19	1 5	21 54	1 6	16 11	1 14	14 12	1 51	12 5	0 45	15 16	1 33	30 4	6 15	10 9	10 22	16 10		n.a.
W 5	19 37	12 0	0n35	23 0	1 59	23 8	1 6	21 44	1 6	16 6	1 14	14 13	1 51	12 4	0 45	15 16	1 33	30 4	6 15	10 9	10 21	16 11		n.a.
T 6	19 23	15 23	1 48	22 35	1 56	22 57	1 8	21 34	1 6	16 2	1 14	14 14	1 51	12 3	0 45	15 15	1 33	30 4	6 16	10 9	10 20	16 12		n.a.
F 7	19 8	17 51	2 54	22 7	1 53	22 46	1 9	21 23	1 6	15 57	1 14	14 14	1 51	12 1	0 45	15 14	1 33	30 5	6 16	10 8	10 18	16 13		n.a.
S 8	18 53	19 13	3 50	21 37	1 50	22 33	1 11	21 13	1 6	15 52	1 14	14 15	1 52	12 0	0 45	15 13	1 33	30 5	6 16	10 7	10 17	16 13		n.a.
S 9	18 38	19 21	4 31	21 5	1 46	22 20	1 12	21 2	1 6	15 48	1 14	14 15	1 52	11 59	0 45	15 13	1 33	30 5	6 16	10 4	10 16	16 14		n.a.
M10	18 22	18 14	4 55	20 30	1 41	22 6	1 13	20 51	1 6	15 43	1 14	14 16	1 52	11 58	0 45	15 12	1 33	30 5	6 16	10 1	10 15	16 15		n.a.
T 11	18 6	16 1	5 1	19 54	1 36	21 52	1 14	20 40	1 6	15 38	1 14	14 17	1 52	11 57	0 45	15 11	1 33	30 5	6 17	9 56	10 14	16 16		n.a.
W12	17 50	12 53	4 49	19 15	1 30	21 37	1 15	20 29	1 6	15 34	1 14	14 17	1 52	11 55	0 45	15 10	1 33	30 6	6 17	9 52	10 13	16 17		n.a.
T 13	17 33	9 8	4 20	18 35	1 24	21 21	1 16	20 17	1 6	15 29	1 14	14 18	1 52	11 54	0 45	15 10	1 33	30 6	6 17	9 48	10 11	16 18		n.a.
F 14	17 16	5 0	3 37	17 52	1 17	21 5	1 18	20 5	1 6	15 24	1 14	14 18	1 52	11 53	0 45	15 9	1 33	30 6	6 17	9 44	10 10	16 19		n.a.
S 15	16 59	0 46	2 44	17 8	1 9	20 48	1 18	19 53	1 5	15 19	1 14	14 19	1 52	11 52	0 45	15 8	1 33	30 6	6 17	9 42	10 9	16 20		n.a.
S 16	16 41	3n25	1 44	16 22	1 1	20 30	1 19	19 41	1 5	15 15	1 14	14 19	1 53	11 51	0 45	15 7	1 33	30 7	6 17	9 40	10 8	16 21		n.a.
M17	16 24	7 20	0 41	15 34	0 52	20 12	1 20	19 29	1 5	15 10	1 14	14 19	1 53	11 49	0 45	15 6	1 33	30 7	6 18	9 40	10 7	16 22		n.a.
T 18	16 6	10 53	0s23	14 45	0 43	19 54	1 21	19 16	1 5	15 5	1 14	14 20	1 53	11 48	0 45	15 6	1 33	30 7	6 18	9 39	10 6	16 23		n.a.
W19	15 47	13 57	1 25	13 54	0 33	19 34	1 22	19 4	1 5	15 0	1 14	14 20	1 53	11 47	0 45	15 5	1 33	30 7	6 18	9 40	10 4	16 24		n.a.
T 20	15 29	16 25	2 24	13 2	0 23	19 15	1 22	18 51	1 5	14 55	1 14	14 20	1 53	11 46	0 45	15 4	1 33	30 7	6 18	9 40	10 3	16 25		n.a.
F 21	15 10	18 11	3 16	12 10	0 12	18 54	1 23	18 38	1 5	14 51	1 14	14 21	1 53	11 45	0 45	15 3	1 33	30 8	6 19	9 39	10 2	16 26		n.a.
S 22	14 51	19 10	4 0	11 16	0 1	18 34	1 23	18 24	1 5	14 46	1 14	14 21	1 53	11 43	0 45	15 3	1 33	30 8	6 19	9 38	10 1	16 27		n.a.
S 23	14 32	19 17	4 34	10 22	0n10	18 12	1 24	18 11	1 5	14 41	1 14	14 21	1 54	11 42	0 45	15 2	1 33	30 8	6 19	9 36	10 0	16 28		n.a.
M24	14 13	18 29	4 56	9 28	0 22	17 50	1 24	17 57	1 4	14 36	1 14	14 21	1 54	11 41	0 45	15 1	1 33	30 8	6 19	9 33	9 59	16 29		n.a.
T 25	13 53	16 47	5 4	8 34	0 34	17 28	1 25	17 44	1 4	14 31	1 14	14 21	1 54	11 40	0 45	15 0	1 33	30 9	6 19	9 29	9 57	16 30		n.a.
W26	13 33	14 12	4 57	7 41	0 46	17 5	1 25	17 30	1 4	14 26	1 14	14 22	1 54	11 38	0 45	15 0	1 33	30 9	6 20	9 25	9 56	16 31		n.a.
T 27	13 13	10 49	4 34	6 48	0 58	16 42	1 25	17 16	1 4	14 21	1 14	14 22	1 54	11 37	0 45	14 59	1 33	30 9	6 20	9 22	9 55	16 32		n.a.
F 28	12s53	6n49	3s55	5s56	1n10	16s18	1s25	17s 1	1s 4	14s16	1s14	14s22	1n54	11s36	0s45	14s58	1s33	30s 9	6s20	9s18	9s54	16n33		n.a.

Julian Day Number = 1199146.5, Delta T = 09h24m19s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'20, Lahiri = -23°41'19 Julian Calendar 1 Feb. 1430 BCE == Greg. Calendar 19 Jan. 1430 BCE

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

MARCH 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 42 4	27♒31'56	17♍ 6	14♓ 9	21♒34	17♒46	26♒ 7	13♏32	2♓11	24♒46	27♐ 0	23°R27	25♎ 5	23♉16	n.a.	S 1
S 2	9 46 1	28°30'35	1♎ 4	15°47	22°49	18°32	26°21	13°32	2°15	24°48	27° 1	23♎22	25° 2	23°22	n.a.	S 2
M 3	9 49 58	29°29'12	15° 8	17°21	24° 3	19°17	26°35	13°33	2°18	24°50	27° 2	23°20	24°59	23°29	n.a.	M 3
T 4	9 53 54	0♓27'47	29°17	18°50	25°17	20° 3	26°50	13°33	2°22	24°52	27° 3	23°D20	24°56	23°36	n.a.	T 4
W 5	9 57 51	1°26'20	13♏27	20°15	26°31	20°48	27° 4	13°33	2°25	24°55	27° 4	23°21	24°53	23°42	n.a.	W 5
T 6	10 1 47	2°24'52	27°37	21°35	27°45	21°34	27°18	13°R33	2°29	24°57	27° 5	23°R22	24°49	23°49	n.a.	T 6
F 7	10 5 44	3°23'22	11♐45	22°50	28°59	22°19	27°33	13°33	2°32	24°59	27° 6	23°21	24°46	23°56	n.a.	F 7
S 8	10 9 40	4°21'50	25°50	23°59	0♓13	23° 4	27°47	13°33	2°35	25° 1	27° 7	23°19	24°43	24° 2	n.a.	S 8
S 9	10 13 37	5°20'17	9♑51	25° 4	1°27	23°50	28° 1	13°33	2°39	25° 4	27° 8	23°15	24°40	24° 9	n.a.	S 9
M10	10 17 33	6°18'41	23°44	26° 2	2°41	24°35	28°16	13°32	2°42	25° 6	27° 9	23°10	24°37	24°16	n.a.	M10
T 11	10 21 30	7°17'04	7♒28	26°55	3°55	25°20	28°30	13°32	2°46	25° 8	27°10	23° 2	24°34	24°22	n.a.	T 11
W12	10 25 26	8°15'25	20°59	27°43	5° 9	26° 5	28°44	13°31	2°49	25°10	27°10	22°55	24°30	24°29	n.a.	W12
T 13	10 29 23	9°13'44	4♓16	28°25	6°23	26°51	28°58	13°31	2°52	25°12	27°11	22°47	24°27	24°36	n.a.	T 13
F 14	10 33 20	10°12'01	17°17	29° 1	7°37	27°36	29°12	13°30	2°56	25°15	27°12	22°41	24°24	24°42	n.a.	F 14
S 15	10 37 16	11°10'17	0♈ 0	29°31	8°51	28°21	29°27	13°29	2°59	25°17	27°13	22°37	24°21	24°49	n.a.	S 15
S 16	10 41 13	12° 8'30	12°28	29°55	10° 5	29° 6	29°41	13°28	3° 3	25°19	27°13	22°35	24°18	24°56	n.a.	S 16
M17	10 45 9	13° 6'41	24°41	0♈14	11°19	29°51	29°55	13°27	3° 6	25°21	27°14	22°D34	24°15	25° 2	n.a.	M17
T 18	10 49 6	14° 4'50	6♉42	0°26	12°33	0♓35	0♓ 9	13°26	3° 9	25°23	27°15	22°35	24°11	25° 9	n.a.	T 18
W19	10 53 2	15° 2'57	18°35	0°34	13°47	1°20	0°23	13°25	3°13	25°26	27°15	22°37	24° 8	25°16	n.a.	W19
T 20	10 56 59	16° 1'02	0♊24	0°R35	15° 1	2° 5	0°37	13°23	3°16	25°28	27°16	22°38	24° 5	25°22	n.a.	T 20
F 21	11 0 55	16°59'05	12°15	0°31	16°14	2°50	0°51	13°22	3°19	25°30	27°16	22°R39	24° 2	25°29	n.a.	F 21
S 22	11 4 52	17°57'06	24°12	0°22	17°28	3°34	1° 5	13°21	3°23	25°32	27°17	22°39	23°59	25°36	n.a.	S 22
S 23	11 8 48	18°55'04	6♋21	0° 8	18°42	4°19	1°19	13°19	3°26	25°34	27°18	22°38	23°55	25°42	n.a.	S 23
M24	11 12 45	19°53'01	18°45	29♓50	19°56	5° 4	1°33	13°17	3°29	25°36	27°18	22°35	23°52	25°49	n.a.	M24
T 25	11 16 42	20°50'56	1♌29	29°27	21°10	5°48	1°47	13°16	3°33	25°38	27°19	22°31	23°49	25°56	n.a.	T 25
W26	11 20 38	21°48'49	14°34	29° 1	22°24	6°32	2° 1	13°14	3°36	25°40	27°19	22°26	23°46	26° 2	n.a.	W26
T 27	11 24 35	22°46'40	28° 2	28°31	23°38	7°17	2°15	13°12	3°39	25°43	27°19	22°22	23°43	26° 9	n.a.	T 27
F 28	11 28 31	23°44'29	11♍52	27°59	24°51	8° 1	2°29	13°10	3°43	25°45	27°20	22°17	23°40	26°16	n.a.	F 28
S 29	11 32 28	24°42'16	26° 0	27°24	26° 5	8°46	2°43	13° 8	3°46	25°47	27°20	22°14	23°36	26°22	n.a.	S 29
S 30	11 36 24	25°40'02	10♎22	26°48	27°19	9°30	2°56	13° 6	3°49	25°49	27°21	22°13	23°33	26°29	n.a.	S 30
M31	11 40 21	26♓37'46	24♎54	26♓12	28♓33	10♓14	3♓10	13♏ 3	3♓52	25♒51	27♐21	22°D12	23♎30	26♉36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	12s33	2n24	3s 2	5s 5	1n22	15s54	1s25	16s47	1s 4	14s11	1s14	14s22	1n54	11s35	0s45	14s57	1s33	30s10	6s20	9s16	9s53	16n34		n.a.	S 1
S 2	12 12	2s12	1 57	4 16	1 34	15 30	1 25	16 32	1 3	14 6	1 14	14 22	1 54	11 33	0 45	14 57	1 33	30 10	6 20	9 14	9 51	16 35		n.a.	S 2
M 3	11 51	6 44	0 44	3 28	1 45	15 5	1 25	16 18	1 3	14 1	1 14	14 22	1 55	11 32	0 45	14 56	1 33	30 10	6 21	9 13	9 50	16 35		n.a.	M 3
T 4	11 30	10 55	0n32	2 43	1 56	14 39	1 25	16 3	1 3	13 56	1 14	14 22	1 55	11 31	0 45	14 55	1 33	30 10	6 21	9 13	9 49	16 36		n.a.	T 4
W 5	11 9	14 28	1 46	2 0	2 7	14 13	1 25	15 48	1 3	13 51	1 14	14 22	1 55	11 30	0 45	14 54	1 33	30 11	6 21	9 13	9 48	16 37		n.a.	W 5
T 6	10 48	17 9	2 54	1 18	2 17	13 47	1 25	15 33	1 3	13 46	1 14	14 22	1 55	11 28	0 45	14 53	1 33	30 11	6 21	9 14	9 47	16 38		n.a.	T 6
F 7	10 26	18 47	3 51	0 40	2 26	13 21	1 24	15 18	1 2	13 41	1 14	14 21	1 55	11 27	0 45	14 53	1 33	30 11	6 22	9 14	9 46	16 39		n.a.	F 7
S 8	10 5	19 14	4 34	0 4	2 35	12 54	1 24	15 2	1 2	13 36	1 14	14 21	1 55	11 26	0 45	14 52	1 33	30 11	6 22	9 13	9 44	16 40		n.a.	S 8
S 9	9 43	18 30	5 0	0n29	2 43	12 27	1 24	14 47	1 2	13 31	1 14	14 21	1 55	11 25	0 45	14 51	1 33	30 12	6 22	9 11	9 43	16 41		n.a.	S 9
M10	9 21	16 41	5 8	0 59	2 50	11 59	1 23	14 31	1 2	13 26	1 14	14 21	1 55	11 23	0 45	14 50	1 33	30 12	6 22	9 9	9 42	16 42		n.a.	M10
T 11	8 59	13 55	4 58	1 27	2 56	11 31	1 22	14 16	1 1	13 21	1 14	14 21	1 56	11 22	0 45	14 50	1 33	30 12	6 23	9 7	9 41	16 43		n.a.	T 11
W12	8 37	10 27	4 32	1 51	3 2	11 3	1 22	14 0	1 1	13 16	1 14	14 20	1 56	11 21	0 45	14 49	1 33	30 12	6 23	9 4	9 40	16 44		n.a.	W12
T 13	8 15	6 32	3 52	2 12	3 6	10 35	1 21	13 44	1 1	13 11	1 14	14 20	1 56	11 20	0 45	14 48	1 33	30 13	6 23	9 1	9 38	16 45		n.a.	T 13
F 14	7 53	2 22	3 0	2 29	3 10	10 6	1 20	13 28	1 1	13 6	1 14	14 20	1 56	11 18	0 45	14 47	1 33	30 13	6 23	8 59	9 37	16 45		n.a.	F 14
S 15	7 30	1n49	1 59	2 44	3 12	9 37	1 20	13 12	1 0	13 1	1 14	14 19	1 56	11 17	0 45	14 47	1 33	30 13	6 23	8 57	9 36	16 46		n.a.	S 15
S 16	7 8	5 51	0 55	2 55	3 13	9 8	1 19	12 56	1 0	12 56	1 14	14 19	1 56	11 16	0 45	14 46	1 33	30 13	6 24	8 56	9 35	16 47		n.a.	S 16
M17	6 45	9 33	0s11	3 2	3 13	8 39	1 18	12 39	1 0	12 51	1 14	14 18	1 56	11 15	0 45	14 45	1 33	30 14	6 24	8 56	9 34	16 48		n.a.	M17
T 18	6 22	12 47	1 16	3 6	3 12	8 9	1 17	12 23	1 0	12 46	1 14	14 18	1 56	11 13	0 45	14 45	1 33	30 14	6 24	8 56	9 32	16 49		n.a.	T 18
W19	5 59	15 28	2 17	3 7	3 9	7 39	1 16	12 7	0 59	12 41	1 14	14 17	1 57	11 12	0 45	14 44	1 33	30 14	6 24	8 57	9 31	16 50		n.a.	W19
T 20	5 37	17 28	3 12	3 4	3 5	7 9	1 15	11 50	0 59	12 36	1 14	14 17	1 57	11 11	0 45	14 43	1 33	30 14	6 25	8 57	9 30	16 51		n.a.	T 20
F 21	5 14	18 43	3 58	2 57	3 0	6 39	1 14	11 33	0 59	12 31	1 15	14 16	1 57	11 10	0 45	14 42	1 33	30 15	6 25	8 58	9 29	16 52		n.a.	F 21
S 22	4 51	19 9	4 35	2 48	2 54	6 9	1 13	11 17	0 58	12 26	1 15	14 16	1 57	11 8	0 45	14 42	1 33	30 15	6 25	8 58	9 28	16 52		n.a.	S 22
S 23	4 28	18 43	5 0	2 35	2 46	5 38	1 11	11 0	0 58	12 21	1 15	14 15	1 57	11 7	0 45	14 41	1 33	30 15	6 25	8 57	9 26	16 53		n.a.	S 23
M24	4 4	17 22	5 12	2 19	2 37	5 7	1 10	10 43	0 58	12 16	1 15	14 15	1 57	11 6	0 45	14 40	1 33	30 16	6 26	8 56	9 25	16 54		n.a.	M24
T 25	3 41	15 10	5 9	2 1	2 26	4 37	1 9	10 26	0 57	12 11	1 15	14 14	1 57	11 5	0 45	14 40	1 33	30 16	6 26	8 55	9 24	16 55		n.a.	T 25
W26	3 18	12 8	4 50	1 39	2 15	4 6	1 7	10 9	0 57	12 6	1 15	14 13	1 57	11 4	0 45	14 39	1 33	30 16	6 26	8 53	9 23	16 56		n.a.	W26
T 27	2 55	8 23	4 14	1 16	2 2	3 35	1 6	9 52	0 57	12 1	1 15	14 13	1 57	11 2	0 45	14 38	1 33	30 16	6 26	8 51	9 22	16 57		n.a.	T 27
F 28	2 32	4 6	3 24	0 50	1 49	3 3	1 4	9 35	0 56	11 56	1 15	14 12	1 57	11 1	0 45	14 38	1 34	30 17	6 27	8 50	9 21	16 57		n.a.	F 28
S 29	2 8	0s30	2 19	0 23	1 34	2 32	1 3	9 18	0 56	11 51	1 15	14 11	1 58	11 0	0 45	14 37	1 34	30 17	6 27	8 48	9 19	16 58		n.a.	S 29
S 30	1 45	5 10	1 5	0s 6	1 19	2 1	1 1	9 0	0 56	11 46	1 15	14 11	1 58	10 59	0 45	14 36	1 34	30 17	6 27	8 48	9 18	16 59		n.a.	S 30
M31	1s22	9s34	0n15	0s35	1n 3	1s30	0s59	8s43	0s55	11s41	1s15	14s10	1n58	10s58	0s45	14s36	1s34	30s17	6s27	8s48	9s17	17n 0		n.a.	M31

Julian Day Number = 1199174.5, Delta T = 09h24m18s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'16, Lahiri = -23°41'16 Julian Calendar 1 March 1430 BCE == Greg. Calendar 16 Feb. 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

APRIL 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 44 17	27♓35'29	9♏28	25°R35	29♓47	10♓58	3♓24	13°R 1	3♓55	25♒53	27♐21	22♎13	23♎27	26♉42	n.a.	T 1
W 2	11 48 14	28°33'11	24° 0	24♓58	1♈ 0	11°42	3°37	12♏59	3°59	25°55	27°21	22°14	23°24	26°49	n.a.	W 2
T 3	11 52 10	29°30'51	8♐25	24°23	2°14	12°26	3°51	12°56	4° 2	25°57	27°22	22°16	23°20	26°56	n.a.	T 3
F 4	11 56 7	0♈28'30	22°40	23°50	3°28	13°10	4° 5	12°53	4° 5	25°59	27°22	22°16	23°17	27° 2	n.a.	F 4
S 5	12 0 4	1°26'08	6♑43	23°18	4°42	13°54	4°18	12°51	4° 8	26° 1	27°22	22°R17	23°14	27° 9	n.a.	S 5
S 6	12 4 0	2°23'45	20°33	22°50	5°55	14°38	4°32	12°48	4°11	26° 2	27°22	22°16	23°11	27°16	n.a.	S 6
M 7	12 7 57	3°21'21	4♒ 8	22°24	7° 9	15°22	4°45	12°45	4°14	26° 4	27°22	22°14	23° 8	27°22	n.a.	M 7
T 8	12 11 53	4°18'55	17°30	22° 3	8°23	16° 6	4°58	12°42	4°17	26° 6	27°22	22°12	23° 5	27°29	n.a.	T 8
W 9	12 15 50	5°16'29	0♓37	21°45	9°37	16°49	5°12	12°39	4°20	26° 8	27°22	22° 9	23° 1	27°36	n.a.	W 9
T 10	12 19 46	6°14'01	13°30	21°31	10°50	17°33	5°25	12°36	4°24	26°10	27°23	22° 7	22°58	27°42	n.a.	T 10
F 11	12 23 43	7°11'32	26°10	21°21	12° 4	18°17	5°38	12°33	4°27	26°12	27°R23	22° 5	22°55	27°49	n.a.	F 11
S 12	12 27 39	8° 9'01	8♈37	21°16	13°18	19° 0	5°52	12°30	4°29	26°14	27°23	22° 4	22°52	27°56	n.a.	S 12
S 13	12 31 36	9° 6'30	20°51	21°D15	14°31	19°44	6° 5	12°27	4°32	26°15	27°23	22°D 4	22°49	28° 2	n.a.	S 13
M14	12 35 33	10° 3'57	2♉56	21°19	15°45	20°27	6°18	12°24	4°35	26°17	27°22	22° 4	22°46	28° 9	n.a.	M14
T 15	12 39 29	11° 1'23	14°52	21°27	16°59	21°10	6°31	12°20	4°38	26°19	27°22	22° 5	22°42	28°16	n.a.	T 15
W16	12 43 26	11°58'47	26°44	21°40	18°13	21°54	6°44	12°17	4°41	26°21	27°22	22° 6	22°39	28°22	n.a.	W16
T 17	12 47 22	12°56'11	8♊33	21°57	19°26	22°37	6°57	12°13	4°44	26°22	27°22	22° 7	22°36	28°29	n.a.	T 17
F 18	12 51 19	13°53'33	20°24	22°19	20°40	23°20	7° 9	12°10	4°47	26°24	27°22	22° 7	22°33	28°36	n.a.	F 18
S 19	12 55 15	14°50'54	2♋20	22°45	21°54	24° 3	7°22	12° 6	4°50	26°26	27°22	22° 8	22°30	28°42	n.a.	S 19
S 20	12 59 12	15°48'13	14°28	23°15	23° 7	24°46	7°35	12° 2	4°52	26°27	27°22	22°R 8	22°26	28°49	n.a.	S 20
M21	13 3 8	16°45'31	26°51	23°49	24°21	25°29	7°48	11°59	4°55	26°29	27°21	22° 8	22°23	28°56	n.a.	M21
T 22	13 7 5	17°42'48	9♌32	24°27	25°34	26°12	8° 0	11°55	4°58	26°30	27°21	22° 8	22°20	29° 2	n.a.	T 22
W23	13 11 2	18°40'04	22°37	25°10	26°48	26°55	8°13	11°51	5° 1	26°32	27°21	22° 7	22°17	29° 9	n.a.	W23
T 24	13 14 58	19°37'18	6♍ 6	25°56	28° 2	27°38	8°25	11°47	5° 3	26°34	27°20	22° 7	22°14	29°16	n.a.	T 24
F 25	13 18 55	20°34'32	20° 1	26°46	29°15	28°21	8°37	11°43	5° 6	26°35	27°20	22° 7	22°11	29°22	n.a.	F 25
S 26	13 22 51	21°31'44	4♎20	27°39	0♉29	29° 4	8°50	11°39	5° 9	26°37	27°20	22° 7	22° 7	29°29	n.a.	S 26
S 27	13 26 48	22°28'55	18°58	28°36	1°42	29°46	9° 2	11°35	5°11	26°38	27°19	22° 7	22° 4	29°36	n.a.	S 27
M28	13 30 44	23°26'06	3♏50	29°36	2°56	0♈29	9°14	11°31	5°14	26°39	27°19	22° 7	22° 1	29°42	n.a.	M28
T 29	13 34 41	24°23'16	18°48	0♈40	4° 9	1°12	9°26	11°27	5°16	26°41	27°18	22° 7	21°58	29°49	n.a.	T 29
W30	13 38 37	25♈20'25	3♐44	1♈47	5♉23	1♈54	9♓38	11♏23	5♓19	26♒42	27♐18	22♎ 6	21♎55	29♉56	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s58	13s25	1n34	1s 5	0n46	0s58	0s58	8s26	0s55	11s36	1s15	14s 9	1n58	10s57	0s45	14s35	1s34	30s18	6s28	8s48	9s16	17n 1		n.a.
W 2	0 35	16 25	2 46	1 35	0 30	0 27	0 56	8 8	0 55	11 31	1 16	14 8	1 58	10 55	0 45	14 34	1 34	30 18	6 28	8 48	9 15	17 2		n.a.
T 3	0 12	18 21	3 48	2 4	0 13	0n 5	0 54	7 51	0 54	11 26	1 16	14 7	1 58	10 54	0 45	14 34	1 34	30 18	6 28	8 49	9 13	17 2		n.a.
F 4	0n12	19 5	4 34	2 33	0s 4	0 36	0 52	7 33	0 54	11 21	1 16	14 6	1 58	10 53	0 45	14 33	1 34	30 18	6 28	8 49	9 12	17 3		n.a.
S 5	0 35	18 38	5 4	3 1	0 21	1 8	0 51	7 16	0 54	11 17	1 16	14 6	1 58	10 52	0 45	14 32	1 34	30 19	6 29	8 49	9 11	17 4		n.a.
S 6	0 58	17 4	5 15	3 28	0 37	1 39	0 49	6 58	0 53	11 12	1 16	14 5	1 58	10 51	0 45	14 32	1 34	30 19	6 29	8 49	9 10	17 5		n.a.
M 7	1 21	14 34	5 9	3 52	0 53	2 10	0 47	6 41	0 53	11 7	1 16	14 4	1 58	10 50	0 45	14 31	1 34	30 19	6 29	8 48	9 9	17 6		n.a.
T 8	1 45	11 20	4 45	4 15	1 8	2 42	0 45	6 23	0 52	11 2	1 16	14 3	1 58	10 48	0 45	14 30	1 34	30 19	6 29	8 47	9 7	17 7		n.a.
W 9	2 8	7 36	4 7	4 36	1 23	3 13	0 43	6 5	0 52	10 57	1 16	14 2	1 58	10 47	0 45	14 30	1 34	30 20	6 30	8 47	9 6	17 7		n.a.
T 10	2 31	3 34	3 17	4 54	1 37	3 44	0 41	5 48	0 52	10 52	1 16	14 1	1 59	10 46	0 45	14 29	1 34	30 20	6 30	8 46	9 5	17 8		n.a.
F 11	2 54	0n34	2 19	5 10	1 50	4 16	0 39	5 30	0 51	10 47	1 16	14 0	1 59	10 45	0 45	14 29	1 34	30 20	6 30	8 45	9 4	17 9		n.a.
S 12	3 17	4 36	1 14	5 24	2 3	4 47	0 37	5 12	0 51	10 42	1 17	13 59	1 59	10 44	0 45	14 28	1 34	30 20	6 30	8 45	9 3	17 10		n.a.
S 13	3 40	8 23	0 7	5 35	2 14	5 18	0 34	4 54	0 50	10 38	1 17	13 58	1 59	10 43	0 45	14 27	1 34	30 21	6 31	8 44	9 1	17 11		n.a.
M14	4 3	11 46	1s 0	5 43	2 25	5 49	0 32	4 37	0 50	10 33	1 17	13 57	1 59	10 42	0 45	14 27	1 34	30 21	6 31	8 44	9 0	17 11		n.a.
T 15	4 26	14 37	2 3	5 48	2 34	6 19	0 30	4 19	0 50	10 28	1 17	13 56	1 59	10 41	0 45	14 26	1 34	30 21	6 31	8 45	8 59	17 12		n.a.
W16	4 49	16 50	3 1	5 51	2 43	6 50	0 28	4 1	0 49	10 23	1 17	13 54	1 59	10 40	0 45	14 26	1 34	30 21	6 31	8 45	8 58	17 13		n.a.
T 17	5 12	18 20	3 50	5 51	2 50	7 21	0 26	3 43	0 49	10 18	1 17	13 53	1 59	10 39	0 45	14 25	1 34	30 22	6 32	8 45	8 57	17 14		n.a.
F 18	5 34	19 1	4 30	5 48	2 57	7 51	0 23	3 26	0 48	10 14	1 17	13 52	1 59	10 38	0 46	14 25	1 34	30 22	6 32	8 46	8 55	17 14		n.a.
S 19	5 57	18 52	4 59	5 43	3 3	8 21	0 21	3 8	0 48	10 9	1 18	13 51	1 59	10 37	0 46	14 24	1 34	30 22	6 32	8 46	8 54	17 15		n.a.
S 20	6 19	17 51	5 15	5 35	3 7	8 51	0 19	2 50	0 47	10 4	1 18	13 50	1 59	10 36	0 46	14 24	1 34	30 22	6 32	8 46	8 53	17 16		n.a.
M21	6 42	15 59	5 16	5 25	3 11	9 21	0 16	2 32	0 47	10 0	1 18	13 49	1 59	10 35	0 46	14 23	1 34	30 23	6 33	8 46	8 52	17 17		n.a.
T 22	7 4	13 19	5 3	5 12	3 14	9 50	0 14	2 15	0 47	9 55	1 18	13 48	1 59	10 34	0 46	14 23	1 35	30 23	6 33	8 46	8 51	17 17		n.a.
W23	7 26	9 54	4 34	4 57	3 16	10 20	0 12	1 57	0 46	9 50	1 18	13 46	1 59	10 33	0 46	14 22	1 35	30 23	6 33	8 46	8 49	17 18		n.a.
T 24	7 48	5 54	3 49	4 39	3 17	10 49	0 9	1 39	0 46	9 46	1 18	13 45	1 59	10 32	0 46	14 22	1 35	30 23	6 33	8 46	8 48	17 19		n.a.
F 25	8 10	1 26	2 49	4 19	3 18	11 18	0 7	1 21	0 45	9 41	1 18	13 44	1 59	10 31	0 46	14 21	1 35	30 24	6 34	8 46	8 47	17 20		n.a.
S 26	8 32	3s14	1 37	3 57	3 17	11 46	0 5	1 4	0 45	9 37	1 19	13 43	1 59	10 30	0 46	14 21	1 35	30 24	6 34	8 46	8 46	17 21		n.a.
S 27	8 54	7 50	0 17	3 33	3 16	12 14	0 2	0 46	0 44	9 32	1 19	13 41	1 59	10 29	0 46	14 20	1 35	30 24	6 34	8 46	8 45	17 21		n.a.
M28	9 15	12 0	1n 5	3 7	3 14	12 42	0n 0	0 28	0 44	9 28	1 19	13 40	1 59	10 28	0 46	14 20	1 35	30 24	6 34	8 46	8 43	17 22		n.a.
T 29	9 37	15 26	2 23	2 39	3 11	13 10	0 3	0 11	0 43	9 23	1 19	13 39	1 59	10 27	0 46	14 19	1 35	30 24	6 35	8 45	8 42	17 23		n.a.
W30	9n58	17s49	3n31	2s 8	3s 8	13n38	0n 5	0n 7	0s43	9s19	1s19	13s38	1n59	10s26	0s46	14s19	1s35	30s25	6s35	8s45	8s41	17n23		n.a.

Julian Day Number = 1199205.5, Delta T = 09h24m16s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'12, Lahiri = -23°41'11 Julian Calendar 1 Apr. 1430 BCE == Greg. Calendar 19 March 1430 BCE

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

MAY 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 42 34	26♈17'34	18♐30	2♈58	6♉37	2♈37	9♓50	11°R19	5♓21	26♒44	27°R17	22°R 6	21♎51	0♊ 2	n.a.	T 1
F 2	13 46 31	27°14'43	3♑ 1	4°11	7°50	3°19	10° 2	11♏15	5°23	26°45	27♐17	22♎ 6	21°48	0° 9	n.a.	F 2
S 3	13 50 27	28°11'51	17°12	5°28	9° 4	4° 1	10°14	11°11	5°26	26°46	27°16	22° 5	21°45	0°16	n.a.	S 3
S 4	13 54 24	29° 8'59	1♒ 1	6°48	10°17	4°44	10°25	11° 7	5°28	26°47	27°16	22°D 5	21°42	0°23	n.a.	S 4
M 5	13 58 20	0♉ 6'07	14°30	8°11	11°31	5°26	10°37	11° 2	5°30	26°49	27°15	22° 5	21°39	0°29	n.a.	M 5
T 6	14 2 17	1° 3'14	27°38	9°37	12°44	6° 8	10°49	10°58	5°33	26°50	27°15	22° 6	21°36	0°36	n.a.	T 6
W 7	14 6 13	2° 0'22	10♓29	11° 6	13°58	6°50	11° 0	10°54	5°35	26°51	27°14	22° 7	21°32	0°43	n.a.	W 7
T 8	14 10 10	2°57'28	23° 4	12°38	15°11	7°32	11°11	10°49	5°37	26°52	27°13	22° 8	21°29	0°49	n.a.	T 8
F 9	14 14 6	3°54'35	5♈25	14°13	16°25	8°14	11°23	10°45	5°39	26°53	27°13	22° 9	21°26	0°56	n.a.	F 9
S 10	14 18 3	4°51'41	17°37	15°51	17°38	8°56	11°34	10°41	5°41	26°55	27°12	22°R 9	21°23	1° 3	n.a.	S 10
S 11	14 22 0	5°48'48	29°39	17°32	18°52	9°38	11°45	10°36	5°44	26°56	27°11	22° 9	21°20	1° 9	n.a.	S 11
M12	14 25 56	6°45'53	11♉35	19°16	20° 5	10°20	11°56	10°32	5°46	26°57	27°10	22° 8	21°17	1°16	n.a.	M12
T 13	14 29 53	7°42'59	23°27	21° 2	21°19	11° 2	12° 7	10°28	5°48	26°58	27°10	22° 7	21°13	1°23	n.a.	T 13
W14	14 33 49	8°40'04	5♊16	22°51	22°32	11°44	12°18	10°23	5°50	26°59	27° 9	22° 5	21°10	1°29	n.a.	W14
T 15	14 37 46	9°37'09	17° 6	24°43	23°46	12°25	12°28	10°19	5°51	27° 0	27° 8	22° 2	21° 7	1°36	n.a.	T 15
F 16	14 41 42	10°34'14	28°58	26°38	24°59	13° 7	12°39	10°14	5°53	27° 1	27° 7	21°59	21° 4	1°43	n.a.	F 16
S 17	14 45 39	11°31'18	10♋56	28°35	26°13	13°49	12°49	10°10	5°55	27° 2	27° 6	21°57	21° 1	1°49	n.a.	S 17
S 18	14 49 36	12°28'22	23° 3	0♉34	27°26	14°30	13° 0	10° 6	5°57	27° 2	27° 6	21°55	20°57	1°56	n.a.	S 18
M19	14 53 32	13°25'26	5♌24	2°35	28°40	15°12	13°10	10° 1	5°59	27° 3	27° 5	21°53	20°54	2° 3	n.a.	M19
T 20	14 57 29	14°22'29	18° 3	4°39	29°53	15°53	13°20	9°57	6° 0	27° 4	27° 4	21°D53	20°51	2° 9	n.a.	T 20
W21	15 1 25	15°19'32	1♍ 2	6°44	1♊ 6	16°34	13°30	9°52	6° 2	27° 5	27° 3	21°54	20°48	2°16	n.a.	W21
T 22	15 5 22	16°16'35	14°26	8°50	2°20	17°16	13°40	9°48	6° 4	27° 6	27° 2	21°55	20°45	2°23	n.a.	T 22
F 23	15 9 18	17°13'37	28°16	10°58	3°33	17°57	13°50	9°44	6° 5	27° 6	27° 1	21°57	20°42	2°29	n.a.	F 23
S 24	15 13 15	18°10'40	12♎33	13° 7	4°47	18°38	14° 0	9°39	6° 7	27° 7	27° 0	21°58	20°38	2°36	n.a.	S 24
S 25	15 17 11	19° 7'42	27°14	15°17	6° 0	19°19	14° 9	9°35	6° 8	27° 8	26°59	21°R58	20°35	2°43	n.a.	S 25
M26	15 21 8	20° 4'45	12♏15	17°26	7°13	20° 0	14°19	9°31	6°10	27° 8	26°58	21°57	20°32	2°49	n.a.	M26
T 27	15 25 5	21° 1'47	27°26	19°36	8°27	20°41	14°28	9°27	6°11	27° 9	26°57	21°54	20°29	2°56	n.a.	T 27
W28	15 29 1	21°58'50	12♐39	21°46	9°40	21°22	14°38	9°22	6°13	27° 9	26°56	21°51	20°26	3° 3	n.a.	W28
T 29	15 32 58	22°55'53	27°44	23°55	10°54	22° 3	14°47	9°18	6°14	27°10	26°55	21°47	20°23	3° 9	n.a.	T 29
F 30	15 36 54	23°52'57	12♑31	26° 4	12° 7	22°44	14°56	9°14	6°15	27°10	26°54	21°43	20°19	3°16	n.a.	F 30
S 31	15 40 51	24♉50'02	26♑54	28♉12	13♊20	23♈24	15♓ 5	9♏10	6♓16	27♒11	26♐53	21♎39	20♎16	3♊23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	10n19	18s57	4n25	1s36	3s 4	14n 5	0n 8	0n25	0s42	9s14	1s19	13s36	1n59	10s25	0s46	14s18	1s35	30s25	6s35	8s45	8s40	17n24			n.a.
F 2	10 40	18 49	5 0	1 2	2 59	14 31	0 10	0 42	0 42	9 10	1 19	13 35	1 59	10 24	0 46	14 18	1 35	30 25	6 35	8 45	8 39	17 25			n.a.
S 3	11 1	17 30	5 16	0 26	2 53	14 58	0 12	1 0	0 41	9 5	1 20	13 34	1 59	10 24	0 46	14 18	1 35	30 25	6 35	8 45	8 37	17 26			n.a.
S 4	11 22	15 11	5 14	0n12	2 47	15 24	0 15	1 17	0 41	9 1	1 20	13 32	1 59	10 23	0 46	14 17	1 35	30 26	6 36	8 45	8 36	17 26			n.a.
M 5	11 42	12 5	4 54	0 51	2 41	15 49	0 17	1 35	0 40	8 57	1 20	13 31	1 59	10 22	0 46	14 17	1 35	30 26	6 36	8 45	8 35	17 27			n.a.
T 6	12 3	8 28	4 19	1 32	2 33	16 15	0 20	1 52	0 40	8 52	1 20	13 30	1 59	10 21	0 46	14 16	1 35	30 26	6 36	8 45	8 34	17 28			n.a.
W 7	12 23	4 31	3 31	2 14	2 26	16 39	0 22	2 10	0 39	8 48	1 20	13 28	1 59	10 20	0 46	14 16	1 35	30 26	6 36	8 46	8 32	17 29			n.a.
T 8	12 43	0 27	2 34	2 58	2 17	17 4	0 24	2 27	0 39	8 44	1 21	13 27	1 59	10 19	0 46	14 16	1 35	30 26	6 37	8 46	8 31	17 29			n.a.
F 9	13 3	3n35	1 31	3 44	2 9	17 28	0 27	2 44	0 38	8 40	1 21	13 26	1 59	10 19	0 46	14 15	1 35	30 27	6 37	8 46	8 30	17 30			n.a.
S 10	13 22	7 25	0 25	4 31	1 59	17 51	0 29	3 2	0 38	8 36	1 21	13 24	1 59	10 18	0 46	14 15	1 35	30 27	6 37	8 46	8 29	17 31			n.a.
S 11	13 41	10 54	0s41	5 19	1 50	18 14	0 31	3 19	0 37	8 31	1 21	13 23	1 59	10 17	0 46	14 15	1 36	30 27	6 37	8 46	8 28	17 31			n.a.
M12	14 1	13 54	1 46	6 8	1 40	18 37	0 34	3 36	0 37	8 27	1 21	13 22	1 59	10 16	0 46	14 14	1 36	30 27	6 38	8 46	8 26	17 32			n.a.
T 13	14 20	16 18	2 45	6 58	1 29	18 59	0 36	3 53	0 36	8 23	1 21	13 20	1 59	10 16	0 46	14 14	1 36	30 27	6 38	8 45	8 25	17 33			n.a.
W14	14 38	18 1	3 36	7 49	1 19	19 21	0 38	4 10	0 36	8 19	1 22	13 19	1 59	10 15	0 46	14 14	1 36	30 28	6 38	8 45	8 24	17 33			n.a.
T 15	14 57	18 56	4 19	8 41	1 8	19 42	0 41	4 27	0 35	8 15	1 22	13 18	1 59	10 14	0 46	14 14	1 36	30 28	6 38	8 44	8 23	17 34			n.a.
F 16	15 15	19 1	4 50	9 34	0 57	20 2	0 43	4 44	0 34	8 11	1 22	13 16	1 59	10 14	0 46	14 13	1 36	30 28	6 38	8 43	8 22	17 35			n.a.
S 17	15 33	18 16	5 9	10 27	0 46	20 23	0 45	5 1	0 34	8 7	1 22	13 15	1 59	10 13	0 46	14 13	1 36	30 28	6 39	8 42	8 20	17 35			n.a.
S 18	15 51	16 40	5 15	11 20	0 34	20 42	0 47	5 18	0 33	8 4	1 22	13 14	1 58	10 12	0 46	14 13	1 36	30 28	6 39	8 41	8 19	17 36			n.a.
M19	16 9	14 18	5 7	12 13	0 23	21 1	0 49	5 35	0 33	8 0	1 23	13 12	1 58	10 12	0 46	14 13	1 36	30 29	6 39	8 40	8 18	17 37			n.a.
T 20	16 26	11 12	4 43	13 6	0 12	21 19	0 52	5 52	0 32	7 56	1 23	13 11	1 58	10 11	0 46	14 12	1 36	30 29	6 39	8 40	8 17	17 38			n.a.
W21	16 43	7 29	4 5	13 59	0 1	21 37	0 54	6 8	0 32	7 52	1 23	13 10	1 58	10 10	0 46	14 12	1 36	30 29	6 39	8 41	8 16	17 38			n.a.
T 22	17 0	3 17	3 12	14 51	0n10	21 54	0 56	6 25	0 31	7 49	1 23	13 9	1 58	10 10	0 46	14 12	1 36	30 29	6 40	8 41	8 14	17 39			n.a.
F 23	17 16	1s14	2 7	15 42	0 21	22 11	0 58	6 41	0 30	7 45	1 24	13 7	1 58	10 9	0 47	14 12	1 36	30 29	6 40	8 42	8 13	17 40			n.a.
S 24	17 33	5 50	0 52	16 32	0 31	22 27	1 0	6 58	0 30	7 41	1 24	13 6	1 58	10 9	0 47	14 11	1 36	30 29	6 40	8 42	8 12	17 40			n.a.
S 25	17 49	10 13	0n29	17 21	0 41	22 42	1 2	7 14	0 29	7 38	1 24	13 5	1 58	10 8	0 47	14 11	1 36	30 30	6 40	8 42	8 11	17 41			n.a.
M26	18 4	14 3	1 49	18 8	0 50	22 57	1 4	7 31	0 29	7 34	1 24	13 3	1 58	10 8	0 47	14 11	1 36	30 30	6 40	8 42	8 9	17 41			n.a.
T 27	18 20	16 58	3 2	18 53	0 59	23 11	1 6	7 47	0 28	7 31	1 24	13 2	1 58	10 7	0 47	14 11	1 37	30 30	6 41	8 41	8 8	17 42			n.a.
W28	18 35	18 42	4 3	19 36	1 7	23 24	1 7	8 3	0 28	7 27	1 25	13 1	1 58	10 7	0 47	14 11	1 37	30 30	6 41	8 39	8 7	17 43			n.a.
T 29	18 50	19 5	4 46	20 17	1 15	23 37	1 9	8 19	0 27	7 24	1 25	13 0	1 57	10 6	0 47	14 11	1 37	30 30	6 41	8 38	8 6	17 43			n.a.
F 30	19 4	18 8	5 9	20 56	1 22	23 49	1 11	8 35	0 26	7 21	1 25	12 58	1 57	10 6	0 47	14 11	1 37	30 30	6 41	8 36	8 5	17 44			n.a.
S 31	19n19	16s 3	5n11	21n32	1n28	24n 0	1n13	8n51	0s26	7s17	1s25	12s57	1n57	10s 5	0s47	14s11	1s37	30s30	6s41	8s35	8s 3	17n45			n.a.

Julian Day Number = 1199235.5, Delta T = 09h24m14s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'08, Lahiri = -23°41'07 Julian Calendar 1 May 1430 BCE == Greg. Calendar 18 Apr. 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

JUNE 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 44 47	25♉47'07	10♒51	0♊19	14♊34	24♈ 5	15♓13	9°R 6	6♓18	27♒11	26°R51	21°R37	20♎13	3♊30	n.a.	S 1
M 2	15 48 44	26°44'12	24°21	2°24	15°47	24°46	15°22	9♏ 2	6°19	27°12	26♐50	21°D36	20°10	3°36	n.a.	M 2
T 3	15 52 41	27°41'19	7♓25	4°28	17° 0	25°26	15°31	8°58	6°20	27°12	26°49	21♎36	20° 7	3°43	n.a.	T 3
W 4	15 56 37	28°38'26	20° 8	6°31	18°14	26° 7	15°39	8°54	6°21	27°12	26°48	21°37	20° 3	3°50	n.a.	W 4
T 5	16 0 34	29°35'34	2♈33	8°32	19°27	26°47	15°47	8°50	6°22	27°13	26°47	21°39	20° 0	3°56	n.a.	T 5
F 6	16 4 30	0♊32'42	14°43	10°32	20°40	27°28	15°55	8°46	6°23	27°13	26°46	21°40	19°57	4° 3	n.a.	F 6
S 7	16 8 27	1°29'52	26°44	12°30	21°54	28° 8	16° 3	8°42	6°24	27°13	26°44	21°R40	19°54	4°10	n.a.	S 7
S 8	16 12 23	2°27'02	8♉38	14°26	23° 7	28°48	16°11	8°38	6°25	27°13	26°43	21°39	19°51	4°16	n.a.	S 8
M 9	16 16 20	3°24'13	20°28	16°20	24°20	29°29	16°19	8°34	6°26	27°14	26°42	21°35	19°48	4°23	n.a.	M 9
T 10	16 20 16	4°21'24	2♊17	18°13	25°33	0♉ 9	16°27	8°30	6°26	27°14	26°41	21°30	19°44	4°30	n.a.	T 10
W11	16 24 13	5°18'37	14° 7	20° 4	26°47	0°49	16°34	8°27	6°27	27°14	26°39	21°23	19°41	4°36	n.a.	W11
T 12	16 28 10	6°15'50	25°59	21°53	28° 0	1°29	16°41	8°23	6°28	27°14	26°38	21°15	19°38	4°43	n.a.	T 12
F 13	16 32 6	7°13'04	7♋56	23°41	29°13	2° 9	16°48	8°19	6°28	27°14	26°37	21° 6	19°35	4°50	n.a.	F 13
S 14	16 36 3	8°10'19	19°59	25°27	0♋27	2°49	16°55	8°16	6°29	27°R14	26°36	20°58	19°32	4°56	n.a.	S 14
S 15	16 39 59	9° 7'34	2♌11	27°11	1°40	3°29	17° 2	8°12	6°29	27°14	26°34	20°51	19°28	5° 3	n.a.	S 15
M16	16 43 56	10° 4'50	14°34	28°53	2°53	4° 9	17° 9	8° 9	6°30	27°14	26°33	20°46	19°25	5°10	n.a.	M16
T 17	16 47 52	11° 2'06	27°12	0♋33	4° 6	4°49	17°15	8° 6	6°30	27°14	26°32	20°43	19°22	5°17	n.a.	T 17
W18	16 51 49	11°59'23	10♍ 7	2°12	5°19	5°28	17°22	8° 2	6°31	27°14	26°30	20°D42	19°19	5°23	n.a.	W18
T 19	16 55 46	12°56'41	23°24	3°49	6°33	6° 8	17°28	7°59	6°31	27°13	26°29	20°43	19°16	5°30	n.a.	T 19
F 20	16 59 42	13°53'59	7♎ 5	5°24	7°46	6°48	17°34	7°56	6°31	27°13	26°28	20°44	19°13	5°37	n.a.	F 20
S 21	17 3 39	14°51'19	21°12	6°57	8°59	7°27	17°40	7°53	6°32	27°13	26°27	20°R44	19° 9	5°43	n.a.	S 21
S 22	17 7 35	15°48'39	5♏45	8°29	10°12	8° 7	17°46	7°50	6°32	27°13	26°25	20°43	19° 6	5°50	n.a.	S 22
M23	17 11 32	16°46'00	20°39	9°59	11°25	8°46	17°51	7°47	6°32	27°12	26°24	20°40	19° 3	5°57	n.a.	M23
T 24	17 15 28	17°43'22	5♐49	11°27	12°38	9°25	17°57	7°44	6°32	27°12	26°22	20°35	19° 0	6° 3	n.a.	T 24
W25	17 19 25	18°40'45	21° 5	12°54	13°51	10° 5	18° 2	7°41	6°R32	27°12	26°21	20°28	18°57	6°10	n.a.	W25
T 26	17 23 21	19°38'09	6♑16	14°18	15° 5	10°44	18° 7	7°39	6°32	27°11	26°20	20°19	18°54	6°17	n.a.	T 26
F 27	17 27 18	20°35'35	21°13	15°41	16°18	11°23	18°12	7°36	6°32	27°11	26°18	20°11	18°50	6°23	n.a.	F 27
S 28	17 31 15	21°33'02	5♒46	17° 2	17°31	12° 2	18°17	7°34	6°32	27°11	26°17	20° 3	18°47	6°30	n.a.	S 28
S 29	17 35 11	22°30'30	19°52	18°20	18°44	12°41	18°21	7°31	6°32	27°10	26°16	19°57	18°44	6°37	n.a.	S 29
M30	17 39 8	23♊28'00	3♓27	19♋37	19♋57	13♉20	18♓26	7♏29	6♓31	27♒10	26♐14	19♎53	18♎41	6♊43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n33	13s 5	4n55	22n 6	1n34	24n11	1n14	9n 7	0s25	7s14	1s26	12s56	1n57	10s 5	0s47	14s10	1s37	30s31	6s41	8s34	8s 2	17n45		n.a.
M 2	19 46	9 30	4 23	22 37	1 39	24 21	1 16	9 22	0 25	7 11	1 26	12 55	1 57	10 5	0 47	14 10	1 37	30 31	6 42	8 34	8 1	17 46		n.a.
T 3	19 59	5 34	3 38	23 6	1 43	24 30	1 18	9 38	0 24	7 8	1 26	12 54	1 57	10 4	0 47	14 10	1 37	30 31	6 42	8 34	8 0	17 47		n.a.
W 4	20 12	1 28	2 44	23 32	1 47	24 39	1 19	9 54	0 23	7 5	1 26	12 52	1 57	10 4	0 47	14 10	1 37	30 31	6 42	8 34	7 58	17 47		n.a.
T 5	20 25	2n35	1 42	23 55	1 50	24 46	1 21	10 9	0 23	7 2	1 27	12 51	1 57	10 4	0 47	14 10	1 37	30 31	6 42	8 35	7 57	17 48		n.a.
F 6	20 37	6 29	0 38	24 16	1 52	24 53	1 22	10 24	0 22	6 59	1 27	12 50	1 56	10 3	0 47	14 10	1 37	30 31	6 42	8 35	7 56	17 48		n.a.
S 7	20 49	10 3	0s28	24 34	1 54	25 0	1 23	10 40	0 22	6 56	1 27	12 49	1 56	10 3	0 47	14 10	1 37	30 31	6 42	8 35	7 55	17 49		n.a.
S 8	21 1	13 12	1 31	24 50	1 55	25 5	1 25	10 55	0 21	6 53	1 27	12 48	1 56	10 3	0 47	14 10	1 37	30 32	6 43	8 35	7 54	17 50		n.a.
M 9	21 12	15 46	2 30	25 3	1 55	25 10	1 26	11 10	0 20	6 50	1 28	12 47	1 56	10 2	0 47	14 10	1 37	30 32	6 43	8 34	7 52	17 50		n.a.
T 10	21 23	17 41	3 22	25 14	1 55	25 14	1 27	11 25	0 20	6 47	1 28	12 46	1 56	10 2	0 47	14 10	1 37	30 32	6 43	8 31	7 51	17 51		n.a.
W11	21 34	18 50	4 6	25 22	1 54	25 17	1 28	11 40	0 19	6 44	1 28	12 45	1 56	10 2	0 47	14 10	1 37	30 32	6 43	8 29	7 50	17 51		n.a.
T 12	21 44	19 9	4 39	25 28	1 52	25 20	1 29	11 55	0 18	6 42	1 28	12 44	1 55	10 2	0 47	14 10	1 38	30 32	6 43	8 26	7 49	17 52		n.a.
F 13	21 54	18 38	5 0	25 32	1 50	25 22	1 30	12 9	0 18	6 39	1 29	12 43	1 55	10 1	0 47	14 10	1 38	30 32	6 43	8 22	7 47	17 53		n.a.
S 14	22 3	17 16	5 8	25 34	1 48	25 23	1 31	12 24	0 17	6 37	1 29	12 42	1 55	10 1	0 47	14 10	1 38	30 32	6 43	8 19	7 46	17 53		n.a.
S 15	22 12	15 7	5 2	25 34	1 45	25 23	1 32	12 38	0 16	6 34	1 29	12 41	1 55	10 1	0 47	14 10	1 38	30 32	6 44	8 17	7 45	17 54		n.a.
M16	22 21	12 16	4 42	25 32	1 41	25 22	1 33	12 53	0 16	6 32	1 29	12 40	1 55	10 1	0 47	14 10	1 38	30 32	6 44	8 15	7 44	17 54		n.a.
T 17	22 29	8 47	4 8	25 28	1 37	25 21	1 33	13 7	0 15	6 30	1 30	12 39	1 55	10 1	0 47	14 11	1 38	30 32	6 44	8 14	7 43	17 55		n.a.
W18	22 37	4 49	3 21	25 23	1 32	25 19	1 34	13 21	0 15	6 27	1 30	12 38	1 54	10 1	0 48	14 11	1 38	30 33	6 44	8 13	7 41	17 56		n.a.
T 19	22 45	0 30	2 22	25 15	1 27	25 16	1 35	13 35	0 14	6 25	1 30	12 37	1 54	10 1	0 48	14 11	1 38	30 33	6 44	8 14	7 40	17 56		n.a.
F 20	22 52	3s58	1 13	25 7	1 22	25 13	1 35	13 49	0 13	6 23	1 31	12 36	1 54	10 1	0 48	14 11	1 38	30 33	6 44	8 14	7 39	17 57		n.a.
S 21	22 59	8 22	0n 3	24 56	1 16	25 8	1 36	14 3	0 13	6 21	1 31	12 35	1 54	10 0	0 48	14 11	1 38	30 33	6 44	8 14	7 38	17 57		n.a.
S 22	23 5	12 25	1 20	24 44	1 10	25 3	1 36	14 16	0 12	6 19	1 31	12 35	1 54	10 0	0 48	14 11	1 38	30 33	6 44	8 14	7 36	17 58		n.a.
M23	23 11	15 46	2 33	24 31	1 3	24 58	1 36	14 30	0 11	6 17	1 31	12 34	1 54	10 0	0 48	14 11	1 38	30 33	6 44	8 13	7 35	17 58		n.a.
T 24	23 17	18 5	3 37	24 17	0 56	24 51	1 37	14 43	0 11	6 15	1 32	12 33	1 53	10 0	0 48	14 11	1 38	30 33	6 45	8 11	7 34	17 59		n.a.
W25	23 22	19 8	4 26	24 2	0 49	24 44	1 37	14 56	0 10	6 13	1 32	12 32	1 53	10 0	0 48	14 12	1 38	30 33	6 45	8 8	7 33	18 0		n.a.
T 26	23 27	18 47	4 56	23 45	0 41	24 36	1 37	15 10	0 9	6 11	1 32	12 32	1 53	10 0	0 48	14 12	1 38	30 33	6 45	8 5	7 32	18 0		n.a.
F 27	23 31	17 8	5 5	23 28	0 33	24 27	1 37	15 23	0 9	6 10	1 33	12 31	1 53	10 1	0 48	14 12	1 38	30 33	6 45	8 1	7 30	18 1		n.a.
S 28	23 35	14 25	4 53	23 9	0 24	24 17	1 37	15 36	0 8	6 8	1 33	12 30	1 53	10 1	0 48	14 12	1 39	30 33	6 45	7 58	7 29	18 1		n.a.
S 29	23 39	10 56	4 25	22 50	0 16	24 7	1 37	15 48	0 7	6 7	1 33	12 30	1 52	10 1	0 48	14 12	1 39	30 33	6 45	7 56	7 28	18 2		n.a.
M30	23n42	6s59	3n41	22n30	0n 7	23n56	1n37	16n 1	0s 6	6s 5	1s33	12s29	1n52	10s 1	0s48	14s13	1s39	30s33	6s45	7s54	7s27	18n 2		n.a.

Julian Day Number = 1199266.5, Delta T = 09h24m12s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'04, Lahiri = -23°41'03 Julian Calendar 1 June 1430 BCE == Greg. Calendar 19 May 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

JULY 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 43 4	24♊25'31	16♓34	20♋52	21♋10	13♉59	18♓30	7°R26	6°R31	27°R 9	26°R13	19°R51	18♎38	6♊50	n.a.	T 1
W 2	17 47 1	25°23'05	29°16	22° 5	22°23	14°38	18°34	7♏24	6♓31	27♒ 9	26♐12	19°D51	18°34	6°57	n.a.	W 2
T 3	17 50 57	26°20'39	11♈38	23°15	23°36	15°17	18°38	7°22	6°31	27° 8	26°10	19♎51	18°31	7° 4	n.a.	T 3
F 4	17 54 54	27°18'16	23°44	24°24	24°49	15°56	18°41	7°20	6°30	27° 7	26° 9	19°R51	18°28	7°10	n.a.	F 4
S 5	17 58 50	28°15'54	5♉40	25°30	26° 2	16°35	18°45	7°18	6°30	27° 7	26° 7	19°50	18°25	7°17	n.a.	S 5
S 6	18 2 47	29°13'34	17°30	26°33	27°15	17°13	18°48	7°16	6°29	27° 6	26° 6	19°47	18°22	7°24	n.a.	S 6
M 7	18 6 44	0♋11'16	29°19	27°34	28°27	17°52	18°51	7°14	6°29	27° 5	26° 5	19°41	18°19	7°30	n.a.	M 7
T 8	18 10 40	1° 8'59	11♊ 8	28°33	29°40	18°30	18°54	7°13	6°28	27° 4	26° 3	19°32	18°15	7°37	n.a.	T 8
W 9	18 14 37	2° 6'44	23° 1	29°28	0♌53	19° 9	18°57	7°11	6°27	27° 4	26° 2	19°21	18°12	7°44	n.a.	W 9
T 10	18 18 33	3° 4'30	5♋ 0	0♌21	2° 6	19°47	18°59	7° 9	6°27	27° 3	26° 1	19° 8	18° 9	7°50	n.a.	T 10
F 11	18 22 30	4° 2'18	17° 5	1°10	3°19	20°26	19° 2	7° 8	6°26	27° 2	25°59	18°55	18° 6	7°57	n.a.	F 11
S 12	18 26 26	5° 0'08	29°18	1°56	4°32	21° 4	19° 4	7° 7	6°25	27° 1	25°58	18°42	18° 3	8° 4	n.a.	S 12
S 13	18 30 23	5°57'59	11♌40	2°39	5°45	21°42	19° 6	7° 5	6°24	27° 0	25°57	18°31	18° 0	8°10	n.a.	S 13
M14	18 34 19	6°55'52	24°13	3°18	6°57	22°20	19° 8	7° 4	6°24	26°59	25°55	18°23	17°56	8°17	n.a.	M14
T 15	18 38 16	7°53'46	6♍57	3°53	8°10	22°59	19° 9	7° 3	6°23	26°58	25°54	18°17	17°53	8°24	n.a.	T 15
W16	18 42 13	8°51'41	19°55	4°24	9°23	23°37	19°11	7° 2	6°22	26°57	25°53	18°14	17°50	8°31	n.a.	W16
T 17	18 46 9	9°49'38	3♎10	4°50	10°36	24°15	19°12	7° 1	6°21	26°56	25°51	18°13	17°47	8°37	n.a.	T 17
F 18	18 50 6	10°47'37	16°45	5°12	11°48	24°52	19°13	7° 0	6°20	26°55	25°50	18°13	17°44	8°44	n.a.	F 18
S 19	18 54 2	11°45'37	0♏41	5°29	13° 1	25°30	19°14	7° 0	6°19	26°54	25°49	18°12	17°40	8°51	n.a.	S 19
S 20	18 57 59	12°43'38	14°59	5°40	14°14	26° 8	19°14	6°59	6°17	26°53	25°47	18°11	17°37	8°57	n.a.	S 20
M21	19 1 55	13°41'41	29°37	5°46	15°26	26°46	19°15	6°59	6°16	26°52	25°46	18° 6	17°34	9° 4	n.a.	M21
T 22	19 5 52	14°39'46	14♐31	5°R46	16°39	27°23	19°15	6°58	6°15	26°51	25°45	18° 0	17°31	9°11	n.a.	T 22
W23	19 9 48	15°37'52	29°34	5°41	17°51	28° 1	19°R15	6°58	6°14	26°50	25°44	17°50	17°28	9°17	n.a.	W23
T 24	19 13 45	16°36'01	14♑37	5°29	19° 4	28°38	19°15	6°58	6°12	26°49	25°42	17°40	17°25	9°24	n.a.	T 24
F 25	19 17 42	17°34'11	29°29	5°11	20°16	29°16	19°14	6°57	6°11	26°48	25°41	17°28	17°21	9°31	n.a.	F 25
S 26	19 21 38	18°32'23	14♒ 2	4°47	21°29	29°53	19°14	6°D57	6°10	26°46	25°40	17°18	17°18	9°37	n.a.	S 26
S 27	19 25 35	19°30'37	28°10	4°16	22°41	0♊31	19°13	6°58	6° 8	26°45	25°39	17° 9	17°15	9°44	n.a.	S 27
M28	19 29 31	20°28'53	11♓49	3°39	23°53	1° 8	19°12	6°58	6° 7	26°44	25°37	17° 4	17°12	9°51	n.a.	M28
T 29	19 33 28	21°27'11	25° 0	2°57	25° 6	1°45	19°11	6°58	6° 5	26°43	25°36	17° 0	17° 9	9°58	n.a.	T 29
W30	19 37 24	22°25'32	7♈45	2° 9	26°18	2°22	19° 9	6°58	6° 4	26°41	25°35	16°59	17° 6	10° 4	n.a.	W30
T 31	19 41 21	23♋23'55	20♈ 9	1♌16	27♌30	2♊59	19♓ 8	6♏59	6♓ 2	26♒40	25♐34	16♎59	17♎ 2	10♊11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n44	2s49	2n48	22n10	0s 3	23n45	1n36	16n13	0s 6	6s 4	1s34	12s29	1n52	10s 1	0s48	14s13	1s39	30s33	6s45	7s54	7s25	18n 3			n.a.
W 2	23 47	1n21	1 48	21 49	0 12	23 32	1 36	16 26	0 5	6 2	1 34	12 28	1 52	10 1	0 48	14 13	1 39	30 33	6 45	7 54	7 24	18 3			n.a.
T 3	23 49	5 21	0 44	21 27	0 22	23 19	1 35	16 38	0 4	6 1	1 34	12 27	1 52	10 1	0 48	14 13	1 39	30 33	6 45	7 54	7 23	18 4			n.a.
F 4	23 50	9 3	0s21	21 6	0 32	23 6	1 35	16 50	0 4	6 0	1 35	12 27	1 51	10 1	0 48	14 14	1 39	30 33	6 45	7 54	7 22	18 4			n.a.
S 5	23 51	12 20	1 23	20 44	0 42	22 52	1 34	17 2	0 3	5 59	1 35	12 27	1 51	10 2	0 48	14 14	1 39	30 33	6 45	7 53	7 21	18 5			n.a.
S 6	23 51	15 6	2 22	20 21	0 52	22 37	1 34	17 14	0 2	5 58	1 35	12 26	1 51	10 2	0 48	14 14	1 39	30 33	6 46	7 52	7 19	18 5			n.a.
M 7	23 52	17 13	3 13	19 59	1 3	22 21	1 33	17 26	0 2	5 57	1 36	12 26	1 51	10 2	0 48	14 15	1 39	30 33	6 46	7 50	7 18	18 6			n.a.
T 8	23 51	18 36	3 57	19 37	1 14	22 5	1 32	17 37	0 1	5 56	1 36	12 25	1 50	10 2	0 48	14 15	1 39	30 34	6 46	7 46	7 17	18 7			n.a.
W 9	23 51	19 10	4 30	19 15	1 25	21 48	1 31	17 49	0 0	5 55	1 36	12 25	1 50	10 3	0 48	14 15	1 39	30 34	6 46	7 42	7 16	18 7			n.a.
T 10	23 49	18 54	4 52	18 53	1 36	21 30	1 30	18 0	0n 1	5 54	1 36	12 25	1 50	10 3	0 48	14 16	1 39	30 34	6 46	7 37	7 14	18 8			n.a.
F 11	23 48	17 47	5 1	18 31	1 47	21 12	1 29	18 11	0 1	5 54	1 37	12 24	1 50	10 3	0 48	14 16	1 39	30 34	6 46	7 32	7 13	18 8			n.a.
S 12	23 46	15 50	4 56	18 10	1 58	20 53	1 28	18 22	0 2	5 53	1 37	12 24	1 50	10 4	0 48	14 16	1 39	30 34	6 46	7 27	7 12	18 9			n.a.
S 13	23 43	13 9	4 37	17 49	2 9	20 34	1 27	18 33	0 3	5 53	1 37	12 24	1 49	10 4	0 48	14 17	1 39	30 34	6 46	7 23	7 11	18 9			n.a.
M14	23 40	9 50	4 5	17 30	2 20	20 14	1 26	18 44	0 3	5 52	1 38	12 24	1 49	10 4	0 48	14 17	1 39	30 34	6 46	7 20	7 9	18 10			n.a.
T 15	23 37	6 2	3 20	17 11	2 31	19 54	1 24	18 55	0 4	5 52	1 38	12 24	1 49	10 5	0 49	14 17	1 39	30 34	6 46	7 17	7 8	18 10			n.a.
W16	23 33	1 52	2 24	16 53	2 42	19 33	1 23	19 5	0 5	5 51	1 38	12 24	1 49	10 5	0 49	14 18	1 40	30 33	6 46	7 16	7 7	18 11			n.a.
T 17	23 29	2s29	1 19	16 36	2 53	19 11	1 21	19 15	0 6	5 51	1 39	12 24	1 48	10 5	0 49	14 18	1 40	30 33	6 46	7 16	7 6	18 11			n.a.
F 18	23 25	6 49	0 8	16 20	3 4	18 50	1 20	19 25	0 6	5 51	1 39	12 23	1 48	10 6	0 49	14 19	1 40	30 33	6 46	7 16	7 5	18 11			n.a.
S 19	23 20	10 53	1n 5	16 6	3 14	18 27	1 18	19 35	0 7	5 51	1 39	12 23	1 48	10 6	0 49	14 19	1 40	30 33	6 46	7 16	7 3	18 12			n.a.
S 20	23 14	14 26	2 16	15 54	3 24	18 4	1 16	19 45	0 8	5 51	1 40	12 23	1 48	10 7	0 49	14 19	1 40	30 33	6 46	7 15	7 2	18 12			n.a.
M21	23 8	17 10	3 20	15 43	3 33	17 41	1 15	19 55	0 9	5 51	1 40	12 24	1 47	10 7	0 49	14 20	1 40	30 33	6 46	7 13	7 1	18 13			n.a.
T 22	23 2	18 47	4 11	15 34	3 42	17 17	1 13	20 4	0 9	5 51	1 40	12 24	1 47	10 8	0 49	14 20	1 40	30 33	6 46	7 11	7 0	18 13			n.a.
W23	22 56	19 6	4 46	15 28	3 50	16 52	1 11	20 14	0 10	5 52	1 40	12 24	1 47	10 8	0 49	14 21	1 40	30 33	6 46	7 7	6 58	18 14			n.a.
T 24	22 48	18 4	5 0	15 24	3 58	16 27	1 9	20 23	0 11	5 52	1 41	12 24	1 47	10 9	0 49	14 21	1 40	30 33	6 46	7 3	6 57	18 14			n.a.
F 25	22 41	15 50	4 54	15 22	4 4	16 2	1 7	20 32	0 12	5 52	1 41	12 24	1 47	10 9	0 49	14 22	1 40	30 33	6 46	6 59	6 56	18 15			n.a.
S 26	22 33	12 37	4 29	15 22	4 9	15 37	1 5	20 41	0 12	5 53	1 41	12 24	1 46	10 10	0 49	14 22	1 40	30 33	6 46	6 54	6 55	18 15			n.a.
S 27	22 25	8 46	3 48	15 26	4 13	15 10	1 2	20 50	0 13	5 54	1 42	12 24	1 46	10 10	0 49	14 23	1 40	30 33	6 46	6 51	6 53	18 16			n.a.
M28	22 16	4 34	2 54	15 32	4 16	14 44	1 0	20 59	0 14	5 54	1 42	12 25	1 46	10 11	0 49	14 23	1 40	30 33	6 46	6 49	6 52	18 16			n.a.
T 29	22 7	0 17	1 54	15 40	4 17	14 17	0 58	21 7	0 15	5 55	1 42	12 25	1 46	10 12	0 49	14 24	1 40	30 33	6 46	6 48	6 51	18 17			n.a.
W30	21 57	3n52	0 49	15 52	4 16	13 50	0 55	21 15	0 16	5 56	1 42	12 25	1 45	10 12	0 49	14 24	1 40	30 33	6 46	6 47	6 50	18 17			n.a.
T 31	21n48	7n45	0s17	16n 6	4s14	13n22	0n53	21n23	0n16	5s57	1s43	12s26	1n45	10s13	0s49	14s25	1s40	30s33	6s46	6s47	6s48	18n17			n.a.

Julian Day Number = 1199296.5, Delta T = 09h24m11s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°48'00, Lahiri = -23°40'59 Julian Calendar 1 July 1430 BCE == Greg. Calendar 18 June 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

AUGUST 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 45 17	24♋22'20	2♉16	0°R20	28♌43	3♊36	19°R 6	6♏59	6°R 1	26°R39	25°R33	16°R59	16♎59	10♊18	n.a.	F 1
S 2	19 49 14	25°20'47	14°12	29♋20	29°55	4°13	19♓ 4	7° 0	5♓59	26♒37	25♐31	16♎57	16°56	10°24	n.a.	S 2
S 3	19 53 10	26°19'17	26° 2	28°19	1♍ 7	4°50	19° 2	7° 1	5°57	26°36	25°30	16°54	16°53	10°31	n.a.	S 3
M 4	19 57 7	27°17'49	7♊51	27°18	2°19	5°27	19° 0	7° 2	5°56	26°35	25°29	16°48	16°50	10°38	n.a.	M 4
T 5	20 1 4	28°16'23	19°43	26°17	3°31	6° 4	18°57	7° 2	5°54	26°33	25°28	16°40	16°46	10°44	n.a.	T 5
W 6	20 5 0	29°15'00	1♋42	25°20	4°44	6°40	18°54	7° 4	5°52	26°32	25°27	16°29	16°43	10°51	n.a.	W 6
T 7	20 8 57	0♌13'39	13°48	24°26	5°56	7°17	18°51	7° 5	5°50	26°30	25°26	16°16	16°40	10°58	n.a.	T 7
F 8	20 12 53	1°12'20	26° 5	23°37	7° 8	7°53	18°48	7° 6	5°48	26°29	25°25	16° 3	16°37	11° 5	n.a.	F 8
S 9	20 16 50	2°11'03	8♌32	22°55	8°20	8°30	18°45	7° 7	5°46	26°27	25°24	15°50	16°34	11°11	n.a.	S 9
S 10	20 20 46	3° 9'48	21°10	22°20	9°32	9° 6	18°41	7° 9	5°44	26°26	25°23	15°38	16°31	11°18	n.a.	S 10
M11	20 24 43	4° 8'36	3♍59	21°54	10°44	9°42	18°38	7°10	5°42	26°24	25°22	15°30	16°27	11°25	n.a.	M11
T 12	20 28 39	5° 7'25	16°58	21°37	11°55	10°18	18°34	7°12	5°40	26°23	25°21	15°24	16°24	11°31	n.a.	T 12
W13	20 32 36	6° 6'16	0♎10	21°D30	13° 7	10°54	18°30	7°13	5°38	26°21	25°20	15°21	16°21	11°38	n.a.	W13
T 14	20 36 33	7° 5'09	13°33	21°32	14°19	11°30	18°25	7°15	5°36	26°20	25°19	15°D20	16°18	11°45	n.a.	T 14
F 15	20 40 29	8° 4'04	27°10	21°44	15°31	12° 6	18°21	7°17	5°34	26°18	25°18	15°20	16°15	11°51	n.a.	F 15
S 16	20 44 26	9° 3'01	11♏ 2	22° 6	16°42	12°42	18°16	7°19	5°32	26°16	25°17	15°R20	16°12	11°58	n.a.	S 16
S 17	20 48 22	10° 2'00	25° 8	22°38	17°54	13°18	18°11	7°21	5°30	26°15	25°16	15°19	16° 8	12° 5	n.a.	S 17
M18	20 52 19	11° 1'00	9♐29	23°19	19° 6	13°54	18° 6	7°23	5°28	26°13	25°15	15°16	16° 5	12°12	n.a.	M18
T 19	20 56 15	12° 0'03	24° 2	24° 8	20°17	14°29	18° 1	7°26	5°26	26°12	25°14	15°11	16° 2	12°18	n.a.	T 19
W20	21 0 12	12°59'08	8♑41	25° 5	21°29	15° 5	17°56	7°28	5°24	26°10	25°14	15° 3	15°59	12°25	n.a.	W20
T 21	21 4 8	13°58'14	23°21	26° 9	22°40	15°40	17°51	7°31	5°21	26° 8	25°13	14°54	15°56	12°32	n.a.	T 21
F 22	21 8 5	14°57'23	7♒54	27°20	23°52	16°16	17°45	7°33	5°19	26° 7	25°12	14°44	15°52	12°38	n.a.	F 22
S 23	21 12 1	15°56'34	22°13	28°37	25° 3	16°51	17°39	7°36	5°17	26° 5	25°11	14°35	15°49	12°45	n.a.	S 23
S 24	21 15 58	16°55'47	6♓11	29°59	26°14	17°26	17°33	7°38	5°15	26° 4	25°10	14°28	15°46	12°52	n.a.	S 24
M25	21 19 55	17°55'02	19°46	1♈25	27°25	18° 1	17°27	7°41	5°12	26° 2	25°10	14°23	15°43	12°58	n.a.	M25
T 26	21 23 51	18°54'20	2♈56	2°56	28°37	18°36	17°21	7°44	5°10	26° 0	25° 9	14°20	15°40	13° 5	n.a.	T 26
W27	21 27 48	19°53'40	15°43	4°29	29°48	19°11	17°15	7°47	5° 8	25°59	25° 8	14°D20	15°37	13°12	n.a.	W27
T 28	21 31 44	20°53'02	28° 9	6° 6	0♎59	19°46	17° 8	7°50	5° 5	25°57	25° 8	14°20	15°33	13°19	n.a.	T 28
F 29	21 35 41	21°52'27	10♉18	7°45	2°10	20°21	17° 2	7°53	5° 3	25°55	25° 7	14°21	15°30	13°25	n.a.	F 29
S 30	21 39 37	22°51'54	22°16	9°25	3°21	20°55	16°55	7°57	5° 1	25°54	25° 6	14°R22	15°27	13°32	n.a.	S 30
S 31	21 43 34	23♌51'24	4♊ 8	11♌ 7	4♎32	21♊30	16♓48	8♏ 0	4♓58	25♒52	25♐ 6	14♎21	15♎24	13♊39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n37	11n13	1s20	16n23	4s 9	12n55	0n50	21n31	0n17	5s58	1s43	12s26	1n45	10s13	0s49	14s25	1s40	30s33	6s46	6s47	6s47	18n18		n.a.
S 2	21 27	14 10	2 19	16 41	4 3	12 26	0 48	21 39	0 18	5 59	1 43	12 27	1 45	10 14	0 49	14 26	1 40	30 33	6 46	6 46	6 46	18 18		n.a.
S 3	21 15	16 31	3 11	17 2	3 54	11 58	0 45	21 47	0 19	6 0	1 44	12 27	1 44	10 15	0 49	14 26	1 40	30 33	6 46	6 45	6 45	18 19		n.a.
M 4	21 4	18 8	3 55	17 24	3 44	11 29	0 42	21 55	0 20	6 1	1 44	12 28	1 44	10 15	0 49	14 27	1 40	30 33	6 46	6 43	6 43	18 19		n.a.
T 5	20 52	18 59	4 29	17 48	3 32	11 0	0 39	22 2	0 20	6 2	1 44	12 28	1 44	10 16	0 49	14 27	1 40	30 33	6 46	6 40	6 42	18 20		n.a.
W 6	20 40	19 0	4 51	18 13	3 17	10 31	0 37	22 9	0 21	6 4	1 44	12 29	1 44	10 17	0 49	14 28	1 40	30 33	6 46	6 35	6 41	18 20		n.a.
T 7	20 27	18 9	5 0	18 38	3 2	10 1	0 34	22 16	0 22	6 5	1 45	12 29	1 44	10 18	0 49	14 28	1 40	30 32	6 46	6 30	6 40	18 20		n.a.
F 8	20 14	16 27	4 56	19 3	2 45	9 31	0 31	22 23	0 23	6 7	1 45	12 30	1 43	10 18	0 49	14 29	1 40	30 32	6 46	6 25	6 39	18 21		n.a.
S 9	20 1	13 59	4 38	19 27	2 27	9 1	0 28	22 30	0 24	6 8	1 45	12 31	1 43	10 19	0 49	14 29	1 41	30 32	6 46	6 20	6 37	18 21		n.a.
S 10	19 48	10 49	4 6	19 52	2 9	8 31	0 25	22 36	0 25	6 10	1 46	12 31	1 43	10 20	0 49	14 30	1 41	30 32	6 46	6 16	6 36	18 22		n.a.
M11	19 34	7 7	3 21	20 15	1 50	8 0	0 21	22 43	0 25	6 12	1 46	12 32	1 43	10 20	0 49	14 30	1 41	30 32	6 46	6 12	6 35	18 22		n.a.
T 12	19 19	3 1	2 25	20 36	1 30	7 29	0 18	22 49	0 26	6 13	1 46	12 33	1 42	10 21	0 49	14 31	1 41	30 32	6 46	6 10	6 34	18 23		n.a.
W13	19 5	1s17	1 20	20 56	1 11	6 59	0 15	22 55	0 27	6 15	1 46	12 34	1 42	10 22	0 49	14 31	1 41	30 32	6 46	6 9	6 32	18 23		n.a.
T 14	18 50	5 35	0 9	21 14	0 53	6 28	0 12	23 1	0 28	6 17	1 47	12 34	1 42	10 23	0 49	14 32	1 41	30 32	6 46	6 8	6 31	18 23		n.a.
F 15	18 34	9 40	1n 3	21 30	0 35	5 56	0 9	23 7	0 29	6 19	1 47	12 35	1 42	10 24	0 49	14 33	1 41	30 32	6 46	6 8	6 30	18 24		n.a.
S 16	18 19	13 18	2 12	21 44	0 17	5 25	0 5	23 13	0 30	6 21	1 47	12 36	1 41	10 24	0 49	14 33	1 41	30 32	6 45	6 9	6 29	18 24		n.a.
S 17	18 3	16 14	3 15	21 55	0 1	4 53	0 2	23 18	0 30	6 23	1 47	12 37	1 41	10 25	0 49	14 34	1 41	30 32	6 45	6 8	6 27	18 24		n.a.
M18	17 46	18 12	4 7	22 3	0n15	4 22	0s 2	23 23	0 31	6 25	1 47	12 38	1 41	10 26	0 49	14 34	1 41	30 31	6 45	6 7	6 26	18 25		n.a.
T 19	17 30	19 0	4 44	22 9	0 29	3 50	0 5	23 28	0 32	6 28	1 48	12 39	1 41	10 27	0 49	14 35	1 41	30 31	6 45	6 5	6 25	18 25		n.a.
W20	17 13	18 33	5 2	22 11	0 42	3 18	0 9	23 33	0 33	6 30	1 48	12 40	1 41	10 28	0 49	14 36	1 41	30 31	6 45	6 2	6 24	18 26		n.a.
T 21	16 56	16 52	5 1	22 11	0 55	2 46	0 12	23 38	0 34	6 32	1 48	12 41	1 40	10 28	0 49	14 36	1 41	30 31	6 45	5 58	6 22	18 26		n.a.
F 22	16 38	14 7	4 40	22 8	1 6	2 14	0 16	23 43	0 35	6 35	1 48	12 42	1 40	10 29	0 49	14 37	1 41	30 31	6 45	5 54	6 21	18 26		n.a.
S 23	16 20	10 33	4 2	22 2	1 15	1 42	0 19	23 47	0 36	6 37	1 48	12 43	1 40	10 30	0 49	14 37	1 41	30 31	6 45	5 51	6 20	18 27		n.a.
S 24	16 2	6 28	3 9	21 52	1 24	1 10	0 23	23 52	0 37	6 40	1 49	12 44	1 40	10 31	0 50	14 38	1 41	30 31	6 45	5 48	6 19	18 27		n.a.
M25	15 44	2 10	2 8	21 40	1 31	0 38	0 27	23 56	0 38	6 42	1 49	12 45	1 39	10 32	0 50	14 38	1 41	30 31	6 45	5 46	6 17	18 27		n.a.
T 26	15 25	2n 7	1 1	21 26	1 38	0 6	0 30	24 0	0 38	6 45	1 49	12 46	1 39	10 33	0 50	14 39	1 41	30 31	6 45	5 45	6 16	18 28		n.a.
W27	15 6	6 11	0s 7	21 8	1 43	0s26	0 34	24 4	0 39	6 48	1 49	12 48	1 39	10 34	0 50	14 40	1 41	30 31	6 45	5 45	6 15	18 28		n.a.
T 28	14 47	9 51	1 14	20 48	1 47	0 58	0 38	24 8	0 40	6 50	1 49	12 49	1 39	10 35	0 50	14 40	1 41	30 30	6 45	5 45	6 14	18 29		n.a.
F 29	14 28	13 2	2 15	20 26	1 50	1 30	0 42	24 11	0 41	6 53	1 50	12 50	1 39	10 35	0 50	14 41	1 41	30 30	6 45	5 45	6 12	18 29		n.a.
S 30	14 8	15 36	3 10	20 1	1 53	2 3	0 45	24 15	0 42	6 56	1 50	12 51	1 38	10 36	0 50	14 41	1 41	30 30	6 44	5 46	6 11	18 29		n.a.
S 31	13n48	17n29	3s56	19n34	1n54	2s35	0s49	24n18	0n43	6s59	1s50	12s53	1n38	10s37	0s50	14s42	1s41	30s30	6s44	5s45	6s10	18n30		n.a.

Julian Day Number = 1199327.5, Delta T = 09h24m09s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'55, Lahiri = -23°40'55 Julian Calendar 1 Aug. 1430 BCE == Greg. Calendar 19 July 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

SEPTEMBER 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 47 30	24♌50'57	15♊59	12♌50	5♎42	22♊ 5	16°R41	8♏ 3	4°R56	25°R50	25°R 5	14°R19	15♎21	13♊45	n.a.	M 1
T 2	21 51 27	25°50'31	27°53	14°34	6°53	22°39	16♓34	8° 7	4♓53	25♒49	25♐ 5	14♎14	15°17	13°52	n.a.	T 2
W 3	21 55 23	26°50'09	9♋55	16°18	8° 4	23°13	16°27	8°10	4°51	25°47	25° 4	14° 8	15°14	13°59	n.a.	W 3
T 4	21 59 20	27°49'48	22° 9	18° 2	9°14	23°47	16°19	8°14	4°49	25°45	25° 4	14° 0	15°11	14° 5	n.a.	T 4
F 5	22 3 17	28°49'30	4♌35	19°47	10°25	24°21	16°12	8°18	4°46	25°43	25° 3	13°51	15° 8	14°12	n.a.	F 5
S 6	22 7 13	29°49'14	17°17	21°32	11°35	24°55	16° 4	8°22	4°44	25°42	25° 3	13°43	15° 5	14°19	n.a.	S 6
S 7	22 11 10	0♍49'01	0♍13	23°16	12°46	25°29	15°57	8°26	4°41	25°40	25° 2	13°36	15° 2	14°26	n.a.	S 7
M 8	22 15 6	1°48'49	13°23	25° 0	13°56	26° 3	15°49	8°30	4°39	25°38	25° 2	13°30	14°58	14°32	n.a.	M 8
T 9	22 19 3	2°48'40	26°45	26°44	15° 6	26°37	15°41	8°34	4°36	25°37	25° 2	13°27	14°55	14°39	n.a.	T 9
W10	22 22 59	3°48'32	10♎19	28°28	16°17	27°10	15°34	8°38	4°34	25°35	25° 1	13°D26	14°52	14°46	n.a.	W10
T 11	22 26 56	4°48'27	24° 3	0♍11	17°27	27°44	15°26	8°42	4°32	25°33	25° 1	13°26	14°49	14°52	n.a.	T 11
F 12	22 30 52	5°48'23	7♏55	1°53	18°37	28°17	15°18	8°46	4°29	25°32	25° 1	13°27	14°46	14°59	n.a.	F 12
S 13	22 34 49	6°48'21	21°55	3°36	19°47	28°50	15°10	8°51	4°27	25°30	25° 1	13°29	14°43	15° 6	n.a.	S 13
S 14	22 38 45	7°48'21	6♐ 1	5°17	20°56	29°23	15° 2	8°55	4°24	25°29	25° 0	13°R30	14°39	15°12	n.a.	S 14
M15	22 42 42	8°48'23	20°12	6°58	22° 6	29°56	14°54	9° 0	4°22	25°27	25° 0	13°29	14°36	15°19	n.a.	M15
T 16	22 46 39	9°48'26	4♑27	8°39	23°16	0♋29	14°46	9° 4	4°19	25°25	25° 0	13°27	14°33	15°26	n.a.	T 16
W17	22 50 35	10°48'32	18°41	10°19	24°25	1° 2	14°38	9° 9	4°17	25°24	25° 0	13°24	14°30	15°33	n.a.	W17
T 18	22 54 32	11°48'39	2♒53	11°58	25°35	1°34	14°29	9°14	4°15	25°22	25° 0	13°19	14°27	15°39	n.a.	T 18
F 19	22 58 28	12°48'48	16°57	13°37	26°44	2° 7	14°21	9°18	4°12	25°21	25° 0	13°14	14°23	15°46	n.a.	F 19
S 20	23 2 25	13°48'58	0♓50	15°15	27°53	2°39	14°13	9°23	4°10	25°19	25° 0	13°10	14°20	15°53	n.a.	S 20
S 21	23 6 21	14°49'11	14°28	16°53	29° 2	3°11	14° 5	9°28	4° 7	25°17	25°D 0	13° 6	14°17	15°59	n.a.	S 21
M22	23 10 18	15°49'25	27°48	18°31	0♏11	3°43	13°57	9°33	4° 5	25°16	25° 0	13° 4	14°14	16° 6	n.a.	M22
T 23	23 14 14	16°49'41	10♈48	20° 7	1°20	4°15	13°49	9°38	4° 3	25°14	25° 0	13°D 3	14°11	16°13	n.a.	T 23
W24	23 18 11	17°50'00	23°30	21°44	2°29	4°47	13°41	9°43	4° 0	25°13	25° 0	13° 3	14° 8	16°20	n.a.	W24
T 25	23 22 7	18°50'20	5♉55	23°20	3°38	5°19	13°32	9°49	3°58	25°11	25° 0	13° 4	14° 4	16°26	n.a.	T 25
F 26	23 26 4	19°50'43	18° 5	24°55	4°46	5°50	13°24	9°54	3°55	25°10	25° 0	13° 6	14° 1	16°33	n.a.	F 26
S 27	23 30 1	20°51'07	0♊ 4	26°31	5°55	6°22	13°16	9°59	3°53	25° 8	25° 0	13° 8	13°58	16°40	n.a.	S 27
S 28	23 33 57	21°51'34	11°57	28° 5	7° 3	6°53	13° 8	10° 5	3°51	25° 7	25° 0	13° 9	13°55	16°46	n.a.	S 28
M29	23 37 54	22°52'03	23°49	29°40	8°11	7°24	13° 0	10°10	3°49	25° 5	25° 0	13°R 9	13°52	16°53	n.a.	M29
T 30	23 41 50	23♍52'34	5♋44	1♎14	9♏19	7♋55	12♓53	10♏16	3♓46	25♒ 4	25♐ 1	13♎ 9	13♎49	17♊ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n28	18n37	4s31	19n 6	1n55	3s 7	0s53	24n21	0n44	7s 2	1s50	12s54	1n38	10s38	0s50	14s43	1s41	30s30	6s44	5s44	6s 9	18n30		n.a.
T 2	13 8	18 55	4 55	18 35	1 55	3 39	0 57	24 24	0 45	7 5	1 50	12 55	1 38	10 39	0 50	14 43	1 41	30 30	6 44	5 43	6 7	18 30		n.a.
W 3	12 47	18 23	5 7	18 3	1 55	4 10	1 0	24 27	0 46	7 8	1 50	12 57	1 37	10 40	0 50	14 44	1 41	30 30	6 44	5 40	6 6	18 31		n.a.
T 4	12 26	17 0	5 5	17 29	1 53	4 42	1 4	24 30	0 47	7 11	1 50	12 58	1 37	10 41	0 50	14 44	1 41	30 30	6 44	5 37	6 5	18 31		n.a.
F 5	12 5	14 47	4 48	16 54	1 52	5 14	1 8	24 32	0 48	7 14	1 50	12 59	1 37	10 42	0 50	14 45	1 41	30 30	6 44	5 34	6 4	18 31		n.a.
S 6	11 44	11 51	4 17	16 18	1 49	5 46	1 12	24 34	0 49	7 17	1 50	13 1	1 37	10 43	0 50	14 46	1 41	30 29	6 44	5 30	6 2	18 32		n.a.
S 7	11 23	8 17	3 32	15 41	1 47	6 17	1 16	24 37	0 50	7 20	1 51	13 2	1 37	10 44	0 50	14 46	1 41	30 29	6 44	5 27	6 1	18 32		n.a.
M 8	11 1	4 15	2 36	15 2	1 44	6 48	1 19	24 39	0 51	7 23	1 51	13 4	1 36	10 44	0 50	14 47	1 41	30 29	6 44	5 25	6 0	18 32		n.a.
T 9	10 39	0s 3	1 29	14 23	1 40	7 20	1 23	24 41	0 52	7 26	1 51	13 5	1 36	10 45	0 50	14 47	1 41	30 29	6 43	5 24	5 59	18 33		n.a.
W10	10 17	4 25	0 17	13 43	1 36	7 51	1 27	24 43	0 53	7 29	1 51	13 7	1 36	10 46	0 50	14 48	1 41	30 29	6 43	5 23	5 57	18 33		n.a.
T 11	9 55	8 36	0n58	13 2	1 32	8 21	1 31	24 44	0 54	7 32	1 51	13 8	1 36	10 47	0 50	14 48	1 41	30 29	6 43	5 24	5 56	18 33		n.a.
F 12	9 33	12 21	2 9	12 20	1 27	8 52	1 34	24 46	0 55	7 35	1 51	13 10	1 36	10 48	0 50	14 49	1 41	30 29	6 43	5 24	5 55	18 33		n.a.
S 13	9 10	15 26	3 14	11 38	1 22	9 23	1 38	24 47	0 56	7 39	1 51	13 12	1 36	10 49	0 50	14 50	1 41	30 29	6 43	5 25	5 54	18 34		n.a.
S 14	8 47	17 37	4 8	10 56	1 17	9 53	1 42	24 48	0 57	7 42	1 51	13 13	1 35	10 50	0 50	14 50	1 41	30 28	6 43	5 25	5 52	18 34		n.a.
M15	8 25	18 43	4 47	10 13	1 12	10 23	1 45	24 50	0 58	7 45	1 51	13 15	1 35	10 51	0 50	14 51	1 41	30 28	6 43	5 25	5 51	18 34		n.a.
T 16	8 2	18 39	5 8	9 30	1 6	10 53	1 49	24 51	0 59	7 48	1 51	13 16	1 35	10 52	0 50	14 51	1 41	30 28	6 43	5 24	5 50	18 35		n.a.
W17	7 38	17 24	5 11	8 46	1 1	11 22	1 53	24 51	1 0	7 51	1 51	13 18	1 35	10 53	0 50	14 52	1 41	30 28	6 43	5 23	5 49	18 35		n.a.
T 18	7 15	15 5	4 54	8 2	0 55	11 52	1 56	24 52	1 1	7 55	1 51	13 20	1 35	10 54	0 50	14 52	1 41	30 28	6 42	5 21	5 47	18 35		n.a.
F 19	6 52	11 54	4 20	7 18	0 49	12 21	2 0	24 53	1 2	7 58	1 51	13 22	1 34	10 54	0 50	14 53	1 41	30 28	6 42	5 19	5 46	18 35		n.a.
S 20	6 28	8 5	3 31	6 34	0 43	12 49	2 3	24 53	1 3	8 1	1 51	13 23	1 34	10 55	0 50	14 53	1 41	30 28	6 42	5 17	5 45	18 36		n.a.
S 21	6 5	3 55	2 30	5 50	0 37	13 18	2 7	24 54	1 4	8 4	1 51	13 25	1 34	10 56	0 50	14 54	1 41	30 28	6 42	5 16	5 44	18 36		n.a.
M22	5 41	0n22	1 23	5 5	0 30	13 46	2 10	24 54	1 5	8 7	1 51	13 27	1 34	10 57	0 50	14 54	1 41	30 28	6 42	5 15	5 42	18 36		n.a.
T 23	5 17	4 32	0 12	4 21	0 24	14 14	2 14	24 54	1 6	8 10	1 51	13 29	1 34	10 58	0 50	14 55	1 41	30 27	6 42	5 14	5 41	18 37		n.a.
W24	4 53	8 24	0s57	3 36	0 18	14 41	2 17	24 54	1 8	8 14	1 51	13 30	1 33	10 59	0 49	14 55	1 41	30 27	6 42	5 14	5 40	18 37		n.a.
T 25	4 29	11 48	2 3	2 52	0 11	15 8	2 20	24 54	1 9	8 17	1 51	13 32	1 33	11 0	0 49	14 56	1 41	30 27	6 42	5 15	5 39	18 37		n.a.
F 26	4 5	14 37	3 1	2 7	0 5	15 35	2 24	24 54	1 10	8 20	1 51	13 34	1 33	11 0	0 49	14 56	1 41	30 27	6 42	5 16	5 37	18 37		n.a.
S 27	3 41	16 46	3 51	1 23	0s 2	16 2	2 27	24 53	1 11	8 23	1 50	13 36	1 33	11 1	0 49	14 57	1 41	30 27	6 41	5 16	5 36	18 38		n.a.
S 28	3 17	18 9	4 30	0 39	0 9	16 28	2 30	24 53	1 12	8 26	1 50	13 38	1 33	11 2	0 49	14 57	1 41	30 27	6 41	5 17	5 35	18 38		n.a.
M29	2 53	18 45	4 58	0s 6	0 15	16 53	2 33	24 52	1 13	8 29	1 50	13 40	1 33	11 3	0 49	14 58	1 41	30 27	6 41	5 17	5 34	18 38		n.a.
T 30	2n28	18n31	5s13	0s50	0s22	17s18	2s36	24n51	1n14	8s32	1s50	13s42	1n32	11s 4	0s49	14s58	1s41	30s27	6s41	5s17	5s32	18n38		n.a.

Julian Day Number = 1199358.5, Delta T = 09h24m07s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'51, Lahiri = -23°40'51 Julian Calendar 1 Sept. 1430 BCE == Greg. Calendar 19 Aug. 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

OCTOBER 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 45 47	24♍53'07	17♋47	2♎47	10♏27	8♋26	12°R45	10♏21	3°R44	25°R 2	25♐ 1	13°R 7	13♎45	17♊ 7	n.a.	W 1
T 2	23 49 43	25°53'42	0♌ 2	4°21	11°34	8°57	12♓37	10°27	3♓42	25♒ 1	25° 1	13♎ 5	13°42	17°13	n.a.	T 2
F 3	23 53 40	26°54'19	12°33	5°54	12°42	9°27	12°29	10°32	3°40	25° 0	25° 2	13° 3	13°39	17°20	n.a.	F 3
S 4	23 57 36	27°54'57	25°23	7°27	13°49	9°57	12°22	10°38	3°37	24°58	25° 2	13° 0	13°36	17°27	n.a.	S 4
S 5	0 1 33	28°55'38	8♍32	8°59	14°57	10°28	12°14	10°44	3°35	24°57	25° 2	12°58	13°33	17°33	n.a.	S 5
M 6	0 5 30	29°56'20	22° 1	10°31	16° 4	10°58	12° 7	10°50	3°33	24°56	25° 3	12°57	13°29	17°40	n.a.	M 6
T 7	0 9 26	0♎57'04	5♎47	12° 3	17°10	11°27	11°59	10°56	3°31	24°54	25° 3	12°56	13°26	17°47	n.a.	T 7
W 8	0 13 23	1°57'49	19°49	13°34	18°17	11°57	11°52	11° 2	3°29	24°53	25° 3	12°D56	13°23	17°53	n.a.	W 8
T 9	0 17 19	2°58'36	4♏ 1	15° 6	19°24	12°27	11°45	11° 8	3°27	24°52	25° 4	12°57	13°20	18° 0	n.a.	T 9
F 10	0 21 16	3°59'24	18°20	16°37	20°30	12°56	11°38	11°14	3°25	24°51	25° 4	12°58	13°17	18° 7	n.a.	F 10
S 11	0 25 12	5° 0'13	2♐41	18° 7	21°36	13°25	11°31	11°20	3°23	24°49	25° 5	12°58	13°14	18°14	n.a.	S 11
S 12	0 29 9	6° 1'04	17° 0	19°38	22°42	13°54	11°25	11°26	3°21	24°48	25° 6	12°59	13°10	18°20	n.a.	S 12
M13	0 33 5	7° 1'56	1♑15	21° 8	23°48	14°22	11°18	11°32	3°19	24°47	25° 6	12°R59	13° 7	18°27	n.a.	M13
T 14	0 37 2	8° 2'49	15°23	22°37	24°53	14°51	11°11	11°38	3°17	24°46	25° 7	12°59	13° 4	18°34	n.a.	T 14
W15	0 40 59	9° 3'43	29°21	24° 7	25°58	15°19	11° 5	11°44	3°15	24°45	25° 7	12°59	13° 1	18°40	n.a.	W15
T 16	0 44 55	10° 4'38	13♒10	25°36	27° 3	15°47	10°59	11°51	3°13	24°44	25° 8	12°59	12°58	18°47	n.a.	T 16
F 17	0 48 52	11° 5'34	26°46	27° 4	28° 8	16°15	10°53	11°57	3°12	24°43	25° 9	12°58	12°54	18°54	n.a.	F 17
S 18	0 52 48	12° 6'31	10♓10	28°32	29°12	16°43	10°47	12° 3	3°10	24°42	25°10	12°58	12°51	19° 1	n.a.	S 18
S 19	0 56 45	13° 7'29	23°22	29°59	0♐17	17°10	10°41	12°10	3° 8	24°41	25°10	12°D58	12°48	19° 7	n.a.	S 19
M20	1 0 41	14° 8'28	6♈19	1♏26	1°20	17°38	10°36	12°16	3° 7	24°40	25°11	12°R58	12°45	19°14	n.a.	M20
T 21	1 4 38	15° 9'28	19° 3	2°52	2°24	18° 5	10°30	12°23	3° 5	24°39	25°12	12°58	12°42	19°21	n.a.	T 21
W22	1 8 34	16°10'30	1♉34	4°17	3°27	18°31	10°25	12°29	3° 3	24°38	25°13	12°58	12°39	19°27	n.a.	W22
T 23	1 12 31	17°11'32	13°52	5°41	4°30	18°58	10°20	12°36	3° 2	24°37	25°14	12°58	12°35	19°34	n.a.	T 23
F 24	1 16 28	18°12'36	25°59	7° 5	5°33	19°24	10°15	12°42	3° 0	24°36	25°14	12°57	12°32	19°41	n.a.	F 24
S 25	1 20 24	19°13'41	7♊57	8°26	6°35	19°50	10°10	12°49	2°59	24°35	25°15	12°56	12°29	19°48	n.a.	S 25
S 26	1 24 21	20°14'47	19°50	9°47	7°37	20°16	10° 5	12°56	2°57	24°35	25°16	12°55	12°26	19°54	n.a.	S 26
M27	1 28 17	21°15'55	1♋41	11° 5	8°39	20°42	10° 1	13° 2	2°56	24°34	25°17	12°54	12°23	20° 1	n.a.	M27
T 28	1 32 14	22°17'03	13°35	12°22	9°40	21° 7	9°57	13° 9	2°54	24°33	25°18	12°54	12°20	20° 8	n.a.	T 28
W29	1 36 10	23°18'13	25°36	13°36	10°41	21°32	9°53	13°16	2°53	24°32	25°19	12°D54	12°16	20°14	n.a.	W29
T 30	1 40 7	24°19'24	7♌48	14°48	11°42	21°57	9°49	13°23	2°52	24°32	25°20	12°54	12°13	20°21	n.a.	T 30
F 31	1 44 3	25♎20'36	20♌17	15♏57	12♐42	22♋22	9♓45	13♏29	2♓51	24♒31	25♐21	12♎55	12♎10	20♊28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	2n 4	17n28	5s15	1s33	0s28	17s43	2s39	24n51	1n16	8s35	1s50	13s43	1n32	11s 5	0s49	14s59	1s41	30s27	6s41	5s16	5s31	18n39			n.a.
T 2	1 40	15 35	5 2	2 17	0 35	18 8	2 42	24 50	1 17	8 38	1 50	13 45	1 32	11 5	0 49	14 59	1 41	30 26	6 41	5 15	5 30	18 39			n.a.
F 3	1 15	12 57	4 35	3 0	0 41	18 32	2 44	24 49	1 18	8 41	1 50	13 47	1 32	11 6	0 49	15 0	1 41	30 26	6 41	5 14	5 29	18 39			n.a.
S 4	0 51	9 37	3 54	3 44	0 47	18 55	2 47	24 48	1 19	8 43	1 50	13 49	1 32	11 7	0 49	15 0	1 41	30 26	6 41	5 13	5 27	18 39			n.a.
S 5	0 26	5 45	2 59	4 26	0 54	19 18	2 50	24 47	1 20	8 46	1 49	13 51	1 32	11 8	0 49	15 1	1 41	30 26	6 41	5 13	5 26	18 40			n.a.
M 6	0 1	1 30	1 53	5 9	1 0	19 41	2 52	24 45	1 22	8 49	1 49	13 53	1 32	11 9	0 49	15 1	1 41	30 26	6 40	5 12	5 25	18 40			n.a.
T 7	0s23	2s56	0 40	5 51	1 6	20 3	2 55	24 44	1 23	8 52	1 49	13 55	1 31	11 9	0 49	15 1	1 41	30 26	6 40	5 12	5 24	18 40			n.a.
W 8	0 48	7 18	0n38	6 33	1 12	20 24	2 57	24 43	1 24	8 54	1 49	13 57	1 31	11 10	0 49	15 2	1 41	30 26	6 40	5 12	5 22	18 40			n.a.
T 9	1 12	11 17	1 54	7 15	1 18	20 45	2 59	24 41	1 25	8 57	1 49	13 59	1 31	11 11	0 49	15 2	1 41	30 26	6 40	5 12	5 21	18 40			n.a.
F 10	1 37	14 39	3 4	7 56	1 24	21 6	3 1	24 39	1 27	8 59	1 49	14 1	1 31	11 12	0 49	15 3	1 41	30 26	6 40	5 12	5 20	18 41			n.a.
S 11	2 1	17 6	4 2	8 36	1 29	21 26	3 3	24 38	1 28	9 2	1 48	14 3	1 31	11 12	0 49	15 3	1 41	30 26	6 40	5 13	5 19	18 41			n.a.
S 12	2 26	18 29	4 45	9 16	1 35	21 45	3 5	24 36	1 29	9 4	1 48	14 5	1 31	11 13	0 49	15 3	1 40	30 26	6 40	5 13	5 17	18 41			n.a.
M13	2 50	18 41	5 11	9 56	1 40	22 4	3 7	24 34	1 31	9 7	1 48	14 7	1 31	11 14	0 49	15 4	1 40	30 25	6 40	5 13	5 16	18 41			n.a.
T 14	3 15	17 42	5 17	10 34	1 45	22 22	3 9	24 32	1 32	9 9	1 48	14 10	1 30	11 14	0 49	15 4	1 40	30 25	6 40	5 13	5 15	18 41			n.a.
W15	3 39	15 41	5 5	11 13	1 50	22 40	3 11	24 30	1 33	9 11	1 48	14 12	1 30	11 15	0 49	15 4	1 40	30 25	6 39	5 13	5 14	18 42			n.a.
T 16	4 4	12 47	4 35	11 50	1 55	22 57	3 12	24 28	1 35	9 13	1 47	14 14	1 30	11 16	0 49	15 5	1 40	30 25	6 39	5 13	5 12	18 42			n.a.
F 17	4 28	9 13	3 49	12 27	1 59	23 14	3 14	24 26	1 36	9 16	1 47	14 16	1 30	11 16	0 49	15 5	1 40	30 25	6 39	5 13	5 11	18 42			n.a.
S 18	4 52	5 14	2 52	13 3	2 3	23 30	3 15	24 24	1 37	9 18	1 47	14 18	1 30	11 17	0 49	15 5	1 40	30 25	6 39	5 13	5 10	18 42			n.a.
S 19	5 16	1 3	1 47	13 39	2 7	23 45	3 16	24 22	1 39	9 20	1 47	14 20	1 30	11 17	0 49	15 6	1 40	30 25	6 39	5 13	5 9	18 42			n.a.
M20	5 40	3n 7	0 37	14 13	2 11	24 0	3 17	24 20	1 40	9 22	1 46	14 22	1 30	11 18	0 49	15 6	1 40	30 25	6 39	5 13	5 7	18 43			n.a.
T 21	6 4	7 4	0s34	14 46	2 14	24 14	3 18	24 18	1 42	9 23	1 46	14 24	1 30	11 19	0 49	15 6	1 40	30 25	6 39	5 13	5 6	18 43			n.a.
W22	6 28	10 38	1 41	15 19	2 17	24 28	3 19	24 15	1 43	9 25	1 46	14 26	1 29	11 19	0 49	15 7	1 40	30 25	6 39	5 12	5 5	18 43			n.a.
T 23	6 52	13 41	2 43	15 50	2 19	24 41	3 19	24 13	1 44	9 27	1 45	14 28	1 29	11 20	0 49	15 7	1 40	30 25	6 39	5 12	5 4	18 43			n.a.
F 24	7 16	16 5	3 37	16 20	2 21	24 53	3 20	24 11	1 46	9 29	1 45	14 31	1 29	11 20	0 49	15 7	1 40	30 25	6 38	5 12	5 2	18 43			n.a.
S 25	7 39	17 45	4 20	16 48	2 22	25 4	3 20	24 8	1 47	9 30	1 45	14 33	1 29	11 21	0 49	15 7	1 40	30 25	6 38	5 12	5 1	18 44			n.a.
S 26	8 3	18 37	4 52	17 16	2 23	25 15	3 20	24 6	1 49	9 32	1 45	14 35	1 29	11 21	0 49	15 8	1 40	30 24	6 38	5 11	5 0	18 44			n.a.
M27	8 26	18 40	5 11	17 41	2 24	25 26	3 20	24 3	1 50	9 33	1 44	14 37	1 29	11 22	0 49	15 8	1 40	30 24	6 38	5 11	4 58	18 44			n.a.
T 28	8 49	17 54	5 17	18 5	2 23	25 35	3 20	24 1	1 52	9 34	1 44	14 39	1 29	11 22	0 49	15 8	1 40	30 24	6 38	5 11	4 57	18 44			n.a.
W29	9 13	16 20	5 9	18 28	2 23	25 44	3 20	23 58	1 53	9 36	1 44	14 41	1 29	11 23	0 49	15 8	1 40	30 24	6 38	5 11	4 56	18 44			n.a.
T 30	9 35	14 1	4 48	18 48	2 21	25 53	3 19	23 56	1 55	9 37	1 43	14 43	1 29	11 23	0 49	15 8	1 40	30 24	6 38	5 11	4 55	18 44			n.a.
F 31	9s58	11n 0	4s12	19s 6	2s18	26s 0	3s19	23n53	1n57	9s38	1s43	14s46	1n28	11s24	0s49	15s 9	1s40	30s24	6s38	5s11	4s53	18n44			n.a.

Julian Day Number = 1199388.5, Delta T = 09h24m05s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'47, Lahiri = -23°40'47 Julian Calendar 1 Oct. 1430 BCE == Greg. Calendar 18 Sept. 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

NOVEMBER 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 48 0	26♎21'48	3♍ 6	17♏ 1	13♐41	22♋46	9°R42	13♏36	2°R49	24°R31	25♐22	12♎56	12♎ 7	20♊35	n.a.	S 1
S 2	1 51 57	27°23'02	16°18	18° 2	14°41	23°10	9♓39	13°43	2♓48	24♒30	25°23	12°57	12° 4	20°41	n.a.	S 2
M 3	1 55 53	28°24'16	29°55	18°59	15°39	23°33	9°36	13°50	2°47	24°29	25°25	12°58	12° 0	20°48	n.a.	M 3
T 4	1 59 50	29°25'32	13♎56	19°49	16°38	23°57	9°33	13°57	2°46	24°29	25°26	12°R59	11°57	20°55	n.a.	T 4
W 5	2 3 46	0♏26'48	28°19	20°34	17°35	24°20	9°30	14° 4	2°45	24°28	25°27	12°58	11°54	21° 1	n.a.	W 5
T 6	2 7 43	1°28'05	12♏58	21°11	18°33	24°42	9°28	14°10	2°44	24°28	25°28	12°57	11°51	21° 8	n.a.	T 6
F 7	2 11 39	2°29'22	27°47	21°41	19°30	25° 5	9°25	14°17	2°43	24°28	25°29	12°54	11°48	21°15	n.a.	F 7
S 8	2 15 36	3°30'39	12♐37	22° 2	20°26	25°27	9°23	14°24	2°42	24°27	25°30	12°51	11°45	21°22	n.a.	S 8
S 9	2 19 32	4°31'57	27°21	22°13	21°21	25°48	9°21	14°31	2°42	24°27	25°32	12°49	11°41	21°28	n.a.	S 9
M10	2 23 29	5°33'15	11♑53	22°R14	22°16	26°10	9°20	14°38	2°41	24°27	25°33	12°46	11°38	21°35	n.a.	M10
T 11	2 27 26	6°34'33	26° 8	22° 4	23°11	26°31	9°18	14°45	2°40	24°26	25°34	12°45	11°35	21°42	n.a.	T 11
W12	2 31 22	7°35'51	10♒ 4	21°42	24° 4	26°51	9°17	14°52	2°39	24°26	25°36	12°D44	11°32	21°48	n.a.	W12
T 13	2 35 19	8°37'09	23°41	21° 8	24°58	27°11	9°16	14°59	2°39	24°26	25°37	12°45	11°29	21°55	n.a.	T 13
F 14	2 39 15	9°38'27	7♓ 0	20°23	25°50	27°31	9°15	15° 6	2°38	24°26	25°38	12°47	11°25	22° 2	n.a.	F 14
S 15	2 43 12	10°39'44	20° 3	19°27	26°41	27°51	9°15	15°13	2°38	24°26	25°40	12°48	11°22	22° 9	n.a.	S 15
S 16	2 47 8	11°41'02	2♈51	18°22	27°32	28°10	9°14	15°20	2°37	24°25	25°41	12°50	11°19	22°15	n.a.	S 16
M17	2 51 5	12°42'20	15°27	17° 9	28°22	28°29	9°D14	15°27	2°37	24°25	25°42	12°R50	11°16	22°22	n.a.	M17
T 18	2 55 1	13°43'37	27°52	15°50	29°11	28°47	9°14	15°34	2°37	24°D25	25°44	12°49	11°13	22°29	n.a.	T 18
W19	2 58 58	14°44'55	10♉ 8	14°29	29°59	29° 5	9°15	15°41	2°36	24°25	25°45	12°46	11°10	22°35	n.a.	W19
T 20	3 2 55	15°46'12	22°16	13° 7	0♑47	29°22	9°15	15°48	2°36	24°25	25°47	12°42	11° 6	22°42	n.a.	T 20
F 21	3 6 51	16°47'30	4♊17	11°48	1°33	29°39	9°16	15°55	2°36	24°25	25°48	12°36	11° 3	22°49	n.a.	F 21
S 22	3 10 48	17°48'47	16°13	10°34	2°19	29°56	9°17	16° 2	2°36	24°26	25°50	12°29	11° 0	22°56	n.a.	S 22
S 23	3 14 44	18°50'05	28° 5	9°27	3° 3	0♌12	9°18	16° 9	2°36	24°26	25°51	12°22	10°57	23° 2	n.a.	S 23
M24	3 18 41	19°51'22	9♋56	8°28	3°47	0°28	9°19	16°17	2°D35	24°26	25°53	12°15	10°54	23° 9	n.a.	M24
T 25	3 22 37	20°52'39	21°49	7°39	4°29	0°43	9°20	16°24	2°35	24°26	25°54	12°10	10°51	23°16	n.a.	T 25
W26	3 26 34	21°53'57	3♌48	7° 0	5°10	0°57	9°22	16°31	2°36	24°26	25°56	12° 6	10°47	23°22	n.a.	W26
T 27	3 30 31	22°55'14	15°57	6°31	5°50	1°12	9°24	16°38	2°36	24°27	25°58	12° 4	10°44	23°29	n.a.	T 27
F 28	3 34 27	23°56'31	28°20	6°12	6°28	1°25	9°26	16°45	2°36	24°27	25°59	12°D 4	10°41	23°36	n.a.	F 28
S 29	3 38 24	24°57'49	11♍ 2	6° 3	7° 6	1°38	9°28	16°52	2°36	24°27	26° 1	12° 5	10°38	23°43	n.a.	S 29
S 30	3 42 20	25♏59'05	24♍ 7	6°D 3	7♑42	1♌51	9♓31	16♏59	2♓36	24♒28	26♐ 2	12♎ 7	10♎35	23♊49	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s21	7n24	3s23	19s22	2s15	26s 7	3s18	23n51	1n58	9s39	1s43	14s48	1n28	11s24	0s49	15s 9	1s40	30s24	6s38	5s12	4s52	18n45		n.a.
S 2	10 43	3 19	2 22	19 35	2 11	26 13	3 17	23 48	2 0	9 40	1 43	14 50	1 28	11 24	0 48	15 9	1 40	30 24	6 38	5 12	4 51	18 45		n.a.
M 3	11 6	1s 3	1 12	19 46	2 5	26 19	3 16	23 45	2 1	9 41	1 42	14 52	1 28	11 25	0 48	15 9	1 40	30 24	6 38	5 13	4 50	18 45		n.a.
T 4	11 28	5 31	0n 5	19 54	1 59	26 24	3 15	23 43	2 3	9 42	1 42	14 54	1 28	11 25	0 48	15 9	1 40	30 24	6 37	5 13	4 48	18 45		n.a.
W 5	11 50	9 46	1 24	19 59	1 51	26 28	3 13	23 40	2 5	9 42	1 42	14 56	1 28	11 25	0 48	15 9	1 40	30 24	6 37	5 13	4 47	18 45		n.a.
T 6	12 11	13 30	2 38	20 1	1 42	26 32	3 11	23 38	2 6	9 43	1 41	14 59	1 28	11 26	0 48	15 9	1 39	30 24	6 37	5 12	4 46	18 45		n.a.
F 7	12 33	16 24	3 43	19 59	1 32	26 35	3 9	23 35	2 8	9 44	1 41	15 1	1 28	11 26	0 48	15 10	1 39	30 24	6 37	5 11	4 45	18 45		n.a.
S 8	12 54	18 12	4 32	19 53	1 20	26 37	3 7	23 33	2 10	9 44	1 41	15 3	1 28	11 26	0 48	15 10	1 39	30 24	6 37	5 10	4 43	18 46		n.a.
S 9	13 15	18 47	5 3	19 43	1 7	26 39	3 5	23 31	2 12	9 44	1 40	15 5	1 28	11 27	0 48	15 10	1 39	30 24	6 37	5 9	4 42	18 46		n.a.
M10	13 36	18 6	5 15	19 29	0 52	26 40	3 3	23 28	2 13	9 45	1 40	15 7	1 28	11 27	0 48	15 10	1 39	30 24	6 37	5 8	4 41	18 46		n.a.
T 11	13 57	16 17	5 6	19 11	0 36	26 40	3 0	23 26	2 15	9 45	1 40	15 9	1 27	11 27	0 48	15 10	1 39	30 24	6 37	5 7	4 40	18 46		n.a.
W12	14 17	13 33	4 40	18 49	0 19	26 40	2 57	23 23	2 17	9 45	1 39	15 12	1 27	11 27	0 48	15 10	1 39	30 24	6 37	5 7	4 38	18 46		n.a.
T 13	14 37	10 7	3 58	18 22	0 0	26 39	2 54	23 21	2 19	9 45	1 39	15 14	1 27	11 27	0 48	15 10	1 39	30 24	6 37	5 7	4 37	18 46		n.a.
F 14	14 57	6 15	3 4	17 51	0n19	26 38	2 50	23 19	2 20	9 45	1 39	15 16	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 8	4 36	18 46		n.a.
S 15	15 17	2 9	2 2	17 16	0 39	26 36	2 47	23 17	2 22	9 45	1 38	15 18	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 9	4 34	18 46		n.a.
S 16	15 36	1n59	0 55	16 39	1 0	26 33	2 43	23 15	2 24	9 45	1 38	15 20	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 9	4 33	18 46		n.a.
M17	15 55	5 58	0s14	15 59	1 20	26 30	2 39	23 13	2 26	9 45	1 37	15 22	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 9	4 32	18 46		n.a.
T 18	16 14	9 38	1 21	15 17	1 39	26 26	2 34	23 11	2 28	9 44	1 37	15 24	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 9	4 31	18 47		n.a.
W19	16 33	12 51	2 24	14 36	1 57	26 21	2 30	23 9	2 30	9 44	1 37	15 26	1 27	11 28	0 48	15 10	1 39	30 24	6 37	5 8	4 29	18 47		n.a.
T 20	16 51	15 27	3 19	13 56	2 14	26 16	2 25	23 7	2 32	9 43	1 36	15 29	1 27	11 28	0 48	15 10	1 39	30 24	6 36	5 6	4 28	18 47		n.a.
F 21	17 9	17 22	4 4	13 17	2 28	26 11	2 20	23 5	2 34	9 43	1 36	15 31	1 27	11 28	0 48	15 10	1 39	30 24	6 36	5 4	4 27	18 47		n.a.
S 22	17 26	18 31	4 39	12 42	2 41	26 5	2 14	23 3	2 36	9 42	1 36	15 33	1 27	11 28	0 48	15 10	1 39	30 24	6 36	5 1	4 26	18 47		n.a.
S 23	17 44	18 50	5 1	12 12	2 51	25 58	2 9	23 2	2 38	9 41	1 35	15 35	1 27	11 28	0 48	15 9	1 39	30 24	6 36	4 58	4 24	18 47		n.a.
M24	18 1	18 20	5 10	11 45	2 59	25 51	2 3	23 0	2 40	9 41	1 35	15 37	1 27	11 28	0 48	15 9	1 39	30 24	6 36	4 56	4 23	18 47		n.a.
T 25	18 17	17 1	5 6	11 24	3 4	25 43	1 56	22 59	2 42	9 40	1 35	15 39	1 27	11 28	0 48	15 9	1 39	30 24	6 36	4 53	4 22	18 47		n.a.
W26	18 34	14 58	4 48	11 8	3 8	25 35	1 50	22 58	2 44	9 39	1 34	15 41	1 27	11 28	0 48	15 9	1 39	30 24	6 36	4 52	4 21	18 47		n.a.
T 27	18 50	12 14	4 18	10 57	3 9	25 27	1 43	22 56	2 46	9 38	1 34	15 43	1 26	11 28	0 47	15 9	1 38	30 24	6 36	4 51	4 19	18 47		n.a.
F 28	19 5	8 54	3 35	10 51	3 9	25 18	1 36	22 55	2 48	9 37	1 34	15 45	1 26	11 28	0 47	15 9	1 38	30 24	6 36	4 51	4 18	18 47		n.a.
S 29	19 21	5 5	2 40	10 50	3 7	25 8	1 28	22 54	2 50	9 35	1 33	15 47	1 26	11 28	0 47	15 9	1 38	30 24	6 36	4 52	4 17	18 47		n.a.
S 30	19s35	0n55	1s36	10s53	3n 4	24s58	1s20	22n54	2n52	9s34	1s33	15s49	1n26	11s28	0s47	15s 8	1s38	30s24	6s36	4s52	4s15	18n47		n.a.

Julian Day Number = 1199419.5, Delta T = 09h24m04s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'43, Lahiri = -23°40'42 Julian Calendar 1 Nov. 1430 BCE == Greg. Calendar 19 Oct. 1430 BCE

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ASTRODIENST EPHEMERIS for the year 1430 BCE
geocentric

DECEMBER 1430 BCE (-1429) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 46 17	27♏ 0'22	7♎40	6♏11	8♑16	2♌ 3	9♓34	17♏ 6	2♓37	24♒28	26♐ 4	12°R 8	10♎31	23♊56	n.a.	M 1
T 2	3 50 13	28° 1'39	21°41	6°28	8°49	2°15	9°36	17°12	2°37	24°29	26° 6	12♎ 7	10°28	24° 3	n.a.	T 2
W 3	3 54 10	29° 2'55	6♏10	6°51	9°21	2°26	9°40	17°19	2°37	24°29	26° 7	12° 5	10°25	24° 9	n.a.	W 3
T 4	3 58 6	0♐ 4'11	21° 2	7°21	9°51	2°36	9°43	17°26	2°38	24°30	26° 9	12° 0	10°22	24°16	n.a.	T 4
F 5	4 2 3	1° 5'26	6♐10	7°57	10°19	2°46	9°46	17°33	2°38	24°30	26°11	11°54	10°19	24°23	n.a.	F 5
S 6	4 6 0	2° 6'41	21°24	8°38	10°46	2°55	9°50	17°40	2°39	24°31	26°12	11°46	10°16	24°30	n.a.	S 6
S 7	4 9 56	3° 7'54	6♑33	9°24	11°11	3° 3	9°54	17°47	2°40	24°31	26°14	11°38	10°12	24°36	n.a.	S 7
M 8	4 13 53	4° 9'07	21°28	10°14	11°34	3°11	9°58	17°54	2°40	24°32	26°16	11°30	10° 9	24°43	n.a.	M 8
T 9	4 17 49	5°10'19	6♒ 1	11° 8	11°55	3°19	10° 2	18° 1	2°41	24°33	26°18	11°25	10° 6	24°50	n.a.	T 9
W10	4 21 46	6°11'30	20° 7	12° 5	12°15	3°25	10° 7	18° 8	2°42	24°34	26°19	11°21	10° 3	24°57	n.a.	W10
T 11	4 25 42	7°12'39	3♓47	13° 5	12°32	3°31	10°11	18°14	2°43	24°34	26°21	11°D20	10° 0	25° 3	n.a.	T 11
F 12	4 29 39	8°13'47	17° 2	14° 9	12°47	3°37	10°16	18°21	2°43	24°35	26°23	11°20	9°57	25°10	n.a.	F 12
S 13	4 33 36	9°14'54	29°56	15°14	13° 0	3°41	10°21	18°28	2°44	24°36	26°25	11°21	9°53	25°17	n.a.	S 13
S 14	4 37 32	10°16'00	12♈31	16°22	13°10	3°45	10°26	18°35	2°45	24°37	26°26	11°R21	9°50	25°23	n.a.	S 14
M15	4 41 29	11°17'05	24°52	17°33	13°18	3°49	10°32	18°41	2°46	24°38	26°28	11°20	9°47	25°30	n.a.	M15
T 16	4 45 25	12°18'08	7♉ 3	18°45	13°24	3°51	10°37	18°48	2°48	24°39	26°30	11°17	9°44	25°37	n.a.	T 16
W17	4 49 22	13°19'10	19° 7	19°58	13°28	3°53	10°43	18°55	2°49	24°40	26°32	11°11	9°41	25°44	n.a.	W17
T 18	4 53 18	14°20'11	1♊ 5	21°14	13°R29	3°54	10°49	19° 1	2°50	24°41	26°33	11° 2	9°37	25°50	n.a.	T 18
F 19	4 57 15	15°21'11	13° 0	22°31	13°27	3°R55	10°55	19° 8	2°51	24°42	26°35	10°51	9°34	25°57	n.a.	F 19
S 20	5 1 11	16°22'09	24°53	23°49	13°24	3°54	11° 1	19°14	2°52	24°43	26°37	10°38	9°31	26° 4	n.a.	S 20
S 21	5 5 8	17°23'07	6♋46	25° 9	13°17	3°53	11° 7	19°21	2°54	24°44	26°39	10°25	9°28	26°10	n.a.	S 21
M22	5 9 5	18°24'03	18°39	26°29	13° 8	3°51	11°14	19°27	2°55	24°45	26°41	10°12	9°25	26°17	n.a.	M22
T 23	5 13 1	19°24'58	0♌35	27°51	12°56	3°49	11°21	19°34	2°56	24°46	26°42	10° 1	9°22	26°24	n.a.	T 23
W24	5 16 58	20°25'52	12°35	29°14	12°42	3°45	11°27	19°40	2°58	24°47	26°44	9°52	9°18	26°31	n.a.	W24
T 25	5 20 54	21°26'45	24°44	0♐38	12°26	3°41	11°34	19°46	2°59	24°48	26°46	9°46	9°15	26°37	n.a.	T 25
F 26	5 24 51	22°27'36	7♍ 5	2° 3	12° 7	3°36	11°42	19°53	3° 1	24°50	26°48	9°43	9°12	26°44	n.a.	F 26
S 27	5 28 47	23°28'26	19°42	3°29	11°45	3°31	11°49	19°59	3° 3	24°51	26°50	9°D42	9° 9	26°51	n.a.	S 27
S 28	5 32 44	24°29'16	2♎40	4°56	11°21	3°24	11°56	20° 5	3° 4	24°52	26°52	9°R42	9° 6	26°57	n.a.	S 28
M29	5 36 41	25°30'04	16° 2	6°24	10°56	3°17	12° 4	20°12	3° 6	24°54	26°53	9°42	9° 3	27° 4	n.a.	M29
T 30	5 40 37	26°30'51	29°53	7°53	10°28	3° 9	12°12	20°18	3° 8	24°55	26°55	9°40	8°59	27°11	n.a.	T 30
W31	5 44 34	27♐31'36	14♏13	9♐23	9♑58	3♌ 0	12♓20	20♏24	3♓10	24♒56	26♐57	9♎37	8♎56	27♊18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19s50	3s28	0s24	10s59	3n 0	24s48	1s12	22n53	2n55	9s33	1s33	15s51	1n26	11s28	0s47	15s 8	1s38	30s24	6s36	4s53	4s14	18n47			n.a.
T 2	20 4	7 48	0n51	11 9	2 55	24 37	1 4	22 52	2 57	9 31	1 32	15 53	1 26	11 27	0 47	15 8	1 38	30 24	6 36	4 52	4 13	18 48			n.a.
W 3	20 18	11 50	2 6	11 23	2 49	24 26	0 55	22 52	2 59	9 30	1 32	15 55	1 26	11 27	0 47	15 8	1 38	30 24	6 36	4 51	4 12	18 48			n.a.
T 4	20 31	15 13	3 14	11 39	2 43	24 15	0 46	22 52	3 1	9 28	1 32	15 57	1 26	11 27	0 47	15 8	1 38	30 24	6 36	4 50	4 10	18 48			n.a.
F 5	20 44	17 37	4 9	11 57	2 36	24 3	0 37	22 52	3 3	9 27	1 31	15 59	1 26	11 27	0 47	15 7	1 38	30 24	6 36	4 47	4 9	18 48			n.a.
S 6	20 57	18 48	4 48	12 17	2 28	23 52	0 27	22 52	3 6	9 25	1 31	16 1	1 26	11 26	0 47	15 7	1 38	30 24	6 36	4 44	4 8	18 48			n.a.
S 7	21 9	18 37	5 5	12 40	2 20	23 39	0 17	22 52	3 8	9 23	1 31	16 3	1 26	11 26	0 47	15 7	1 38	30 24	6 36	4 41	4 7	18 48			n.a.
M 8	21 21	17 9	5 2	13 3	2 12	23 27	0 6	22 52	3 10	9 21	1 30	16 5	1 26	11 26	0 47	15 7	1 38	30 24	6 36	4 38	4 5	18 48			n.a.
T 9	21 32	14 36	4 39	13 28	2 4	23 14	0n 5	22 53	3 13	9 19	1 30	16 7	1 26	11 26	0 47	15 6	1 38	30 24	6 36	4 35	4 4	18 48			n.a.
W10	21 43	11 15	4 0	13 54	1 56	23 1	0 16	22 53	3 15	9 17	1 30	16 9	1 26	11 25	0 47	15 6	1 38	30 24	6 36	4 34	4 3	18 48			n.a.
T 11	21 54	7 23	3 7	14 21	1 47	22 48	0 27	22 54	3 17	9 15	1 29	16 11	1 26	11 25	0 47	15 6	1 38	30 24	6 36	4 33	4 2	18 48			n.a.
F 12	22 4	3 16	2 7	14 48	1 38	22 35	0 39	22 55	3 20	9 13	1 29	16 13	1 26	11 25	0 47	15 5	1 38	30 24	6 36	4 34	4 0	18 48			n.a.
S 13	22 14	0n54	1 1	15 16	1 30	22 22	0 51	22 56	3 22	9 11	1 29	16 15	1 26	11 24	0 47	15 5	1 38	30 25	6 36	4 34	3 59	18 48			n.a.
S 14	22 23	4 56	0s 6	15 44	1 21	22 8	1 4	22 57	3 24	9 8	1 28	16 17	1 26	11 24	0 47	15 5	1 38	30 25	6 36	4 34	3 58	18 48			n.a.
M15	22 32	8 41	1 12	16 13	1 12	21 54	1 17	22 59	3 27	9 6	1 28	16 19	1 26	11 23	0 47	15 4	1 38	30 25	6 36	4 34	3 56	18 48			n.a.
T 16	22 40	12 1	2 13	16 41	1 3	21 41	1 30	23 1	3 29	9 4	1 28	16 21	1 26	11 23	0 47	15 4	1 38	30 25	6 36	4 32	3 55	18 48			n.a.
W17	22 48	14 49	3 7	17 10	0 55	21 27	1 43	23 3	3 32	9 1	1 27	16 22	1 26	11 22	0 47	15 4	1 38	30 25	6 36	4 30	3 54	18 48			n.a.
T 18	22 55	16 57	3 53	17 38	0 46	21 13	1 57	23 5	3 34	8 59	1 27	16 24	1 26	11 22	0 47	15 3	1 37	30 25	6 36	4 26	3 53	18 48			n.a.
F 19	23 2	18 20	4 28	18 7	0 38	20 59	2 11	23 7	3 36	8 56	1 27	16 26	1 26	11 22	0 47	15 3	1 37	30 25	6 36	4 22	3 51	18 48			n.a.
S 20	23 9	18 55	4 51	18 35	0 29	20 46	2 25	23 9	3 39	8 53	1 26	16 28	1 26	11 21	0 47	15 2	1 37	30 25	6 36	4 17	3 50	18 48			n.a.
S 21	23 15	18 40	5 1	19 3	0 21	20 32	2 40	23 12	3 41	8 51	1 26	16 30	1 26	11 20	0 46	15 2	1 37	30 25	6 36	4 11	3 49	18 48			n.a.
M22	23 21	17 37	4 59	19 30	0 13	20 18	2 55	23 15	3 44	8 48	1 26	16 31	1 26	11 20	0 46	15 2	1 37	30 25	6 36	4 6	3 48	18 48			n.a.
T 23	23 26	15 47	4 43	19 57	0 5	20 5	3 9	23 18	3 46	8 45	1 25	16 33	1 26	11 19	0 46	15 1	1 37	30 25	6 36	4 2	3 46	18 48			n.a.
W24	23 30	13 15	4 15	20 23	0s 3	19 51	3 24	23 21	3 48	8 42	1 25	16 35	1 26	11 19	0 46	15 1	1 37	30 25	6 36	3 58	3 45	18 48			n.a.
T 25	23 35	10 8	3 34	20 49	0 10	19 38	3 39	23 24	3 51	8 39	1 25	16 37	1 26	11 18	0 46	15 0	1 37	30 26	6 36	3 56	3 44	18 48			n.a.
F 26	23 38	6 32	2 44	21 14	0 18	19 25	3 54	23 28	3 53	8 36	1 24	16 38	1 26	11 18	0 46	15 0	1 37	30 26	6 37	3 55	3 42	18 48			n.a.
S 27	23 42	2 33	1 44	21 38	0 25	19 12	4 9	23 31	3 56	8 33	1 24	16 40	1 26	11 17	0 46	14 59	1 37	30 26	6 37	3 54	3 41	18 48			n.a.
S 28	23 45	1s39	0 37	22 1	0 32	18 59	4 24	23 35	3 58	8 30	1 24	16 42	1 26	11 16	0 46	14 59	1 37	30 26	6 37	3 54	3 40	18 48			n.a.
M29	23 47	5 54	0n34	22 24	0 39	18 46	4 39	23 39	4 0	8 26	1 24	16 43	1 26	11 16	0 46	14 58	1 37	30 26	6 37	3 54	3 39	18 48			n.a.
T 30	23 49	10 0	1 45	22 46	0 46	18 34	4 53	23 44	4 3	8 23	1 23	16 45	1 26	11 15	0 46	14 58	1 37	30 26	6 37	3 54	3 37	18 48			n.a.
W31	23s50	13s39	2n52	23s 6	0s52	18s22	5n 7	23n48	4n 5	8s20	1s23	16s47	1n26	11s14	0s46	14s57	1s37	30s26	6s37	3s52	3s36	18n48			n.a.

Julian Day Number = 1199449.5, Delta T = 09h24m02s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'39, Lahiri = -23°40'38 Julian Calendar 1 Dec. 1430 BCE == Greg. Calendar 18 Nov. 1430 BCE

The year -1429 astronomical counting style corresponds to year 1430 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

JANUARY 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 48 30	28♐32'21	28♏59	10♐53	9°R26	2°R50	12♓28	20♏30	3♓11	24♒58	26♐59	9°R30	8♎53	27♊24	n.a.	T 1
F 2	5 52 27	29°33'04	14♐ 8	12°24	8♑53	2♌40	12°36	20°36	3°13	24°59	27° 1	9♎21	8°50	27°31	n.a.	F 2
S 3	5 56 23	0♑33'45	29°28	13°57	8°19	2°28	12°44	20°42	3°15	25° 1	27° 3	9°10	8°47	27°38	n.a.	S 3
S 4	6 0 20	1°34'25	14♑49	15°30	7°44	2°16	12°53	20°48	3°17	25° 2	27° 4	8°58	8°43	27°45	n.a.	S 4
M 5	6 4 16	2°35'03	29°58	17° 4	7° 7	2° 3	13° 2	20°54	3°19	25° 4	27° 6	8°48	8°40	27°51	n.a.	M 5
T 6	6 8 13	3°35'39	14♒46	18°38	6°30	1°50	13°10	20°59	3°21	25° 5	27° 8	8°39	8°37	27°58	n.a.	T 6
W 7	6 12 10	4°36'14	29° 7	20°14	5°53	1°36	13°19	21° 5	3°23	25° 7	27°10	8°33	8°34	28° 5	n.a.	W 7
T 8	6 16 6	5°36'46	12♓58	21°51	5°15	1°20	13°28	21°11	3°25	25° 8	27°12	8°29	8°31	28°11	n.a.	T 8
F 9	6 20 3	6°37'16	26°20	23°28	4°38	1° 5	13°37	21°16	3°28	25°10	27°14	8°28	8°28	28°18	n.a.	F 9
S 10	6 23 59	7°37'44	9♈15	25° 6	4° 0	0°48	13°47	21°22	3°30	25°12	27°15	8°28	8°24	28°25	n.a.	S 10
S 11	6 27 56	8°38'10	21°49	26°46	3°24	0°31	13°56	21°28	3°32	25°13	27°17	8°27	8°21	28°32	n.a.	S 11
M12	6 31 52	9°38'34	4♉ 6	28°26	2°48	0°14	14° 6	21°33	3°34	25°15	27°19	8°26	8°18	28°38	n.a.	M12
T 13	6 35 49	10°38'56	16°10	0♑ 7	2°14	29♋55	14°15	21°38	3°37	25°17	27°21	8°22	8°15	28°45	n.a.	T 13
W14	6 39 45	11°39'15	28° 7	1°49	1°40	29°36	14°25	21°44	3°39	25°18	27°23	8°15	8°12	28°52	n.a.	W14
T 15	6 43 42	12°39'33	10♊ 0	3°32	1° 9	29°17	14°35	21°49	3°41	25°20	27°24	8° 5	8° 8	28°59	n.a.	T 15
F 16	6 47 39	13°39'49	21°52	5°16	0°38	28°57	14°45	21°54	3°44	25°22	27°26	7°53	8° 5	29° 5	n.a.	F 16
S 17	6 51 35	14°40'02	3♋44	7° 1	0°10	28°36	14°55	22° 0	3°46	25°24	27°28	7°39	8° 2	29°12	n.a.	S 17
S 18	6 55 32	15°40'14	15°38	8°47	29♐44	28°15	15° 5	22° 5	3°49	25°26	27°30	7°24	7°59	29°19	n.a.	S 18
M19	6 59 28	16°40'23	27°36	10°34	29°20	27°54	15°16	22°10	3°51	25°27	27°31	7°10	7°56	29°25	n.a.	M19
T 20	7 3 25	17°40'31	9♌39	12°22	28°58	27°32	15°26	22°15	3°54	25°29	27°33	6°57	7°53	29°32	n.a.	T 20
W21	7 7 21	18°40'37	21°48	14°11	28°39	27°10	15°37	22°20	3°57	25°31	27°35	6°47	7°49	29°39	n.a.	W21
T 22	7 11 18	19°40'40	4♍ 4	16° 1	28°22	26°47	15°47	22°24	3°59	25°33	27°37	6°41	7°46	29°46	n.a.	T 22
F 23	7 15 14	20°40'42	16°31	17°52	28° 8	26°25	15°58	22°29	4° 2	25°35	27°38	6°37	7°43	29°52	n.a.	F 23
S 24	7 19 11	21°40'42	29°12	19°45	27°56	26° 2	16° 9	22°34	4° 5	25°37	27°40	6°35	7°40	29°59	n.a.	S 24
S 25	7 23 8	22°40'41	12♎ 9	21°38	27°46	25°38	16°20	22°38	4° 7	25°39	27°42	6°D35	7°37	0♋ 6	n.a.	S 25
M26	7 27 4	23°40'37	25°26	23°32	27°39	25°15	16°31	22°43	4°10	25°41	27°43	6°R35	7°34	0°12	n.a.	M26
T 27	7 31 1	24°40'32	9♏ 7	25°27	27°35	24°51	16°42	22°48	4°13	25°43	27°45	6°34	7°30	0°19	n.a.	T 27
W28	7 34 57	25°40'25	23°13	27°23	27°D32	24°28	16°53	22°52	4°16	25°45	27°47	6°31	7°27	0°26	n.a.	W28
T 29	7 38 54	26°40'16	7♐44	29°20	27°33	24° 4	17° 5	22°56	4°19	25°47	27°48	6°26	7°24	0°33	n.a.	T 29
F 30	7 42 50	27°40'06	22°36	1♒17	27°36	23°41	17°16	23° 1	4°21	25°49	27°50	6°18	7°21	0°39	n.a.	F 30
S 31	7 46 47	28♑39'53	7♑43	3♒15	27♐41	23♋17	17♓28	23♏ 5	4♓24	25♒51	27♐52	6♎ 9	7♎18	0♋46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s51	16 s33	3n49	23 s26	0 s58	18 s11	5n21	23n52	4n 7	8 s16	1 s23	16 s48	1n26	11 s14	0 s46	14 s57	1 s37	30 s26	6 s37	3 s50	3 s35	18n48			n.a.
F 2	23 52	18 24	4 32	23 45	1 4	18 0	5 34	23 57	4 9	8 13	1 22	16 50	1 26	11 13	0 46	14 56	1 37	30 26	6 37	3 46	3 34	18 47			n.a.
S 3	23 52	18 55	4 56	24 2	1 10	17 49	5 47	24 2	4 12	8 9	1 22	16 51	1 26	11 12	0 46	14 56	1 37	30 27	6 37	3 42	3 32	18 47			n.a.
S 4	23 51	18 4	4 59	24 18	1 16	17 39	6 0	24 7	4 14	8 6	1 22	16 53	1 26	11 11	0 46	14 55	1 37	30 27	6 37	3 37	3 31	18 47			n.a.
M 5	23 50	15 57	4 40	24 34	1 21	17 29	6 11	24 12	4 16	8 2	1 22	16 55	1 26	11 11	0 46	14 55	1 37	30 27	6 37	3 33	3 30	18 47			n.a.
T 6	23 49	12 49	4 3	24 47	1 26	17 20	6 23	24 17	4 18	7 58	1 21	16 56	1 26	11 10	0 46	14 54	1 37	30 27	6 37	3 29	3 29	18 47			n.a.
W 7	23 47	8 59	3 12	25 0	1 31	17 11	6 33	24 22	4 20	7 55	1 21	16 58	1 26	11 9	0 46	14 53	1 37	30 27	6 37	3 27	3 27	18 47			n.a.
T 8	23 44	4 48	2 10	25 11	1 35	17 3	6 43	24 28	4 22	7 51	1 21	16 59	1 26	11 8	0 46	14 53	1 37	30 27	6 37	3 25	3 26	18 47			n.a.
F 9	23 41	0 31	1 4	25 21	1 39	16 56	6 51	24 33	4 24	7 47	1 21	17 1	1 26	11 7	0 46	14 52	1 37	30 27	6 38	3 25	3 25	18 47			n.a.
S 10	23 38	3n40	0 s 4	25 29	1 43	16 49	6 59	24 39	4 26	7 43	1 20	17 2	1 26	11 6	0 46	14 52	1 37	30 27	6 38	3 25	3 23	18 47			n.a.
S 11	23 34	7 34	1 10	25 35	1 46	16 42	7 7	24 44	4 28	7 39	1 20	17 3	1 26	11 6	0 46	14 51	1 37	30 28	6 38	3 25	3 22	18 47			n.a.
M12	23 30	11 3	2 11	25 40	1 49	16 37	7 13	24 50	4 29	7 35	1 20	17 5	1 26	11 5	0 46	14 50	1 37	30 28	6 38	3 24	3 21	18 47			n.a.
T 13	23 25	14 1	3 5	25 44	1 52	16 32	7 18	24 56	4 31	7 31	1 20	17 6	1 26	11 4	0 46	14 50	1 36	30 28	6 38	3 22	3 20	18 47			n.a.
W14	23 20	16 21	3 50	25 45	1 55	16 28	7 23	25 1	4 32	7 27	1 19	17 8	1 27	11 3	0 46	14 49	1 36	30 28	6 38	3 20	3 18	18 47			n.a.
T 15	23 15	17 58	4 25	25 45	1 57	16 25	7 27	25 7	4 34	7 23	1 19	17 9	1 27	11 2	0 46	14 49	1 36	30 28	6 38	3 16	3 17	18 47			n.a.
F 16	23 9	18 49	4 48	25 43	1 58	16 22	7 30	25 13	4 35	7 19	1 19	17 10	1 27	11 1	0 46	14 48	1 36	30 28	6 38	3 11	3 16	18 46			n.a.
S 17	23 2	18 50	4 59	25 40	1 59	16 20	7 32	25 18	4 37	7 15	1 19	17 12	1 27	11 0	0 46	14 47	1 36	30 28	6 38	3 5	3 14	18 46			n.a.
S 18	22 55	18 1	4 56	25 34	2 0	16 19	7 33	25 24	4 38	7 10	1 18	17 13	1 27	10 59	0 45	14 47	1 36	30 29	6 39	2 59	3 13	18 46			n.a.
M19	22 48	16 25	4 41	25 26	2 1	16 18	7 33	25 30	4 39	7 6	1 18	17 14	1 27	10 58	0 45	14 46	1 36	30 29	6 39	2 53	3 12	18 46			n.a.
T 20	22 40	14 5	4 13	25 16	2 0	16 18	7 33	25 35	4 40	7 2	1 18	17 15	1 27	10 57	0 45	14 45	1 36	30 29	6 39	2 48	3 11	18 46			n.a.
W21	22 32	11 8	3 33	25 5	2 0	16 19	7 32	25 41	4 41	6 57	1 18	17 17	1 27	10 56	0 45	14 45	1 36	30 29	6 39	2 44	3 9	18 46			n.a.
T 22	22 23	7 40	2 43	24 51	1 59	16 21	7 30	25 46	4 42	6 53	1 17	17 18	1 27	10 55	0 45	14 44	1 36	30 29	6 39	2 42	3 8	18 46			n.a.
F 23	22 14	3 49	1 44	24 35	1 57	16 23	7 28	25 51	4 42	6 49	1 17	17 19	1 27	10 54	0 45	14 43	1 36	30 29	6 39	2 40	3 7	18 46			n.a.
S 24	22 5	0 s16	0 39	24 17	1 55	16 25	7 25	25 56	4 43	6 44	1 17	17 20	1 27	10 53	0 45	14 43	1 36	30 30	6 39	2 39	3 6	18 46			n.a.
S 25	21 55	4 26	0n29	23 56	1 52	16 29	7 22	26 1	4 43	6 40	1 17	17 21	1 27	10 52	0 45	14 42	1 36	30 30	6 39	2 39	3 4	18 46			n.a.
M26	21 45	8 29	1 38	23 34	1 49	16 32	7 18	26 6	4 44	6 35	1 16	17 22	1 27	10 51	0 45	14 41	1 36	30 30	6 40	2 39	3 3	18 45			n.a.
T 27	21 34	12 12	2 44	23 9	1 45	16 37	7 14	26 11	4 44	6 30	1 16	17 23	1 27	10 50	0 45	14 41	1 36	30 30	6 40	2 39	3 2	18 45			n.a.
W28	21 23	15 21	3 41	22 42	1 41	16 41	7 9	26 16	4 44	6 26	1 16	17 24	1 27	10 49	0 45	14 40	1 36	30 30	6 40	2 38	3 0	18 45			n.a.
T 29	21 11	17 37	4 26	22 13	1 36	16 47	7 4	26 20	4 44	6 21	1 16	17 26	1 27	10 48	0 45	14 39	1 36	30 31	6 40	2 36	2 59	18 45			n.a.
F 30	21 0	18 45	4 54	21 42	1 30	16 52	6 58	26 24	4 44	6 16	1 16	17 27	1 27	10 47	0 45	14 38	1 36	30 31	6 40	2 33	2 58	18 45			n.a.
S 31	20 s47	18 s36	5n 2	21 s 8	1 s24	16 s58	6n52	26n28	4n44	6 s11	1 s15	17 s28	1n27	10 s46	0 s45	14 s38	1 s36	30 s31	6 s40	2 s29	2 s57	18n45			n.a.

Julian Day Number = 1199480.5, Delta T = 09h24m00s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'35, Lahiri = -23°40'34 Julian Calendar 1 Jan. 1429 BCE == Greg. Calendar 19 Dec. 1430 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

FEBRUARY 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 50 43	29♉39'39	22♉54	5♒13	27♐48	22°R54	17♓39	23♏ 9	4♓27	25♒53	27♐53	5°R59	7♎14	0♋53	n.a.	S 1
M 2	7 54 40	0♒39'22	8♒ 0	7°12	27°58	22♋30	17°51	23°13	4°30	25°55	27°55	5♎49	7°11	1° 0	n.a.	M 2
T 3	7 58 36	1°39'03	22°51	9°10	28° 9	22° 7	18° 3	23°17	4°33	25°57	27°56	5°41	7° 8	1° 6	n.a.	T 3
W 4	8 2 33	2°38'42	7♓17	11° 9	28°23	21°45	18°15	23°21	4°36	25°59	27°58	5°35	7° 5	1°13	n.a.	W 4
T 5	8 6 30	3°38'18	21°16	13° 6	28°39	21°22	18°27	23°24	4°39	26° 2	28° 0	5°32	7° 2	1°20	n.a.	T 5
F 6	8 10 26	4°37'52	4♈45	15° 4	28°57	21° 0	18°39	23°28	4°42	26° 4	28° 1	5°D31	6°59	1°26	n.a.	F 6
S 7	8 14 23	5°37'23	17°48	17° 0	29°17	20°38	18°51	23°32	4°45	26° 6	28° 3	5°32	6°55	1°33	n.a.	S 7
S 8	8 18 19	6°36'52	0♉27	18°54	29°38	20°17	19° 3	23°35	4°48	26° 8	28° 4	5°32	6°52	1°40	n.a.	S 8
M 9	8 22 16	7°36'19	12°46	20°47	0♉ 2	19°56	19°15	23°39	4°52	26°10	28° 6	5°R32	6°49	1°47	n.a.	M 9
T 10	8 26 12	8°35'43	24°52	22°37	0°27	19°36	19°27	23°42	4°55	26°12	28° 7	5°31	6°46	1°53	n.a.	T 10
W11	8 30 9	9°35'05	6♊48	24°24	0°54	19°16	19°40	23°46	4°58	26°14	28° 9	5°27	6°43	2° 0	n.a.	W11
T 12	8 34 5	10°34'24	18°40	26° 9	1°22	18°57	19°52	23°49	5° 1	26°17	28°10	5°21	6°40	2° 7	n.a.	T 12
F 13	8 38 2	11°33'41	0♋31	27°49	1°52	18°38	20° 5	23°52	5° 4	26°19	28°11	5°13	6°36	2°14	n.a.	F 13
S 14	8 41 59	12°32'56	12°25	29°26	2°23	18°20	20°17	23°55	5° 7	26°21	28°13	5° 3	6°33	2°20	n.a.	S 14
S 15	8 45 55	13°32'08	24°23	0♓58	2°56	18° 3	20°30	23°58	5°11	26°23	28°14	4°53	6°30	2°27	n.a.	S 15
M16	8 49 52	14°31'18	6♌28	2°25	3°30	17°46	20°43	24° 1	5°14	26°26	28°16	4°44	6°27	2°34	n.a.	M16
T 17	8 53 48	15°30'26	18°41	3°47	4° 6	17°30	20°55	24° 3	5°17	26°28	28°17	4°35	6°24	2°40	n.a.	T 17
W18	8 57 45	16°29'31	1♍ 2	5° 3	4°42	17°14	21° 8	24° 6	5°20	26°30	28°18	4°28	6°20	2°47	n.a.	W18
T 19	9 1 41	17°28'34	13°33	6°14	5°20	17° 0	21°21	24° 9	5°24	26°32	28°20	4°24	6°17	2°54	n.a.	T 19
F 20	9 5 38	18°27'36	26°15	7°18	5°59	16°46	21°34	24°11	5°27	26°34	28°21	4°22	6°14	3° 1	n.a.	F 20
S 21	9 9 34	19°26'35	9♎ 9	8°16	6°40	16°32	21°47	24°14	5°30	26°37	28°22	4°D22	6°11	3° 7	n.a.	S 21
S 22	9 13 31	20°25'32	22°17	9° 8	7°21	16°20	22° 0	24°16	5°34	26°39	28°23	4°23	6° 8	3°14	n.a.	S 22
M23	9 17 27	21°24'28	5♏40	9°53	8° 3	16° 8	22°13	24°18	5°37	26°41	28°25	4°24	6° 5	3°21	n.a.	M23
T 24	9 21 24	22°23'21	19°21	10°31	8°47	15°57	22°26	24°20	5°40	26°43	28°26	4°R25	6° 1	3°27	n.a.	T 24
W25	9 25 20	23°22'13	3♐19	11° 2	9°31	15°47	22°40	24°22	5°44	26°46	28°27	4°25	5°58	3°34	n.a.	W25
T 26	9 29 17	24°21'03	17°36	11°26	10°16	15°38	22°53	24°24	5°47	26°48	28°28	4°22	5°55	3°41	n.a.	T 26
F 27	9 33 14	25°19'51	2♑ 8	11°43	11° 2	15°29	23° 6	24°26	5°50	26°50	28°29	4°19	5°52	3°48	n.a.	F 27
S 28	9 37 10	26°18'37	16°51	11°54	11°49	15°21	23°19	24°28	5°54	26°53	28°31	4°14	5°49	3°54	n.a.	S 28
S 29	9 41 7	27♒17'22	1♒40	11°R57	12♑37	15♋14	23♓33	24♏30	5♓57	26♒55	28♐32	4♎ 8	5♎46	4♋ 1	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s35	17s 7	4n50	20s33	1s17	17s 5	6n46	26n32	4n44	6s 7	1s15	17s29	1n27	10s45	0s45	14s37	1s36	30s31	6s41	2s25	2s55	18n45		n.a.
M 2	20 22	14 27	4 17	19 55	1 10	17 11	6 40	26 36	4 43	6 2	1 15	17 30	1 28	10 44	0 45	14 36	1 36	30 31	6 41	2 21	2 54	18 44		n.a.
T 3	20 8	10 53	3 27	19 16	1 1	17 18	6 33	26 39	4 43	5 57	1 15	17 30	1 28	10 42	0 45	14 35	1 36	30 31	6 41	2 18	2 53	18 44		n.a.
W 4	19 55	6 45	2 25	18 35	0 53	17 25	6 26	26 42	4 42	5 52	1 15	17 31	1 28	10 41	0 45	14 35	1 36	30 32	6 41	2 15	2 52	18 44		n.a.
T 5	19 41	2 22	1 15	17 52	0 43	17 32	6 19	26 45	4 41	5 47	1 14	17 32	1 28	10 40	0 45	14 34	1 36	30 32	6 41	2 14	2 50	18 44		n.a.
F 6	19 26	1n59	0 4	17 8	0 33	17 40	6 12	26 48	4 40	5 42	1 14	17 33	1 28	10 39	0 45	14 33	1 36	30 32	6 41	2 14	2 49	18 44		n.a.
S 7	19 12	6 6	1s 5	16 22	0 23	17 47	6 4	26 50	4 39	5 37	1 14	17 34	1 28	10 38	0 45	14 32	1 36	30 32	6 42	2 14	2 48	18 44		n.a.
S 8	18 57	9 49	2 9	15 36	0 11	17 55	5 57	26 53	4 38	5 32	1 14	17 35	1 28	10 37	0 45	14 32	1 36	30 32	6 42	2 14	2 46	18 44		n.a.
M 9	18 41	13 0	3 6	14 49	0n 0	18 3	5 49	26 55	4 37	5 27	1 14	17 36	1 28	10 35	0 45	14 31	1 36	30 33	6 42	2 14	2 45	18 43		n.a.
T 10	18 26	15 34	3 52	14 2	0 12	18 10	5 41	26 57	4 36	5 22	1 14	17 36	1 28	10 34	0 45	14 30	1 36	30 33	6 42	2 14	2 44	18 43		n.a.
W11	18 10	17 25	4 29	13 14	0 25	18 18	5 33	26 58	4 34	5 17	1 13	17 37	1 28	10 33	0 45	14 29	1 36	30 33	6 42	2 12	2 43	18 43		n.a.
T 12	17 54	18 30	4 53	12 26	0 37	18 26	5 26	27 0	4 33	5 12	1 13	17 38	1 28	10 32	0 45	14 29	1 36	30 33	6 43	2 10	2 41	18 43		n.a.
F 13	17 37	18 47	5 4	11 39	0 50	18 33	5 18	27 1	4 31	5 7	1 13	17 39	1 28	10 31	0 45	14 28	1 36	30 34	6 43	2 6	2 40	18 43		n.a.
S 14	17 20	18 15	5 3	10 53	1 3	18 41	5 10	27 2	4 30	5 1	1 13	17 39	1 28	10 29	0 45	14 27	1 36	30 34	6 43	2 3	2 39	18 43		n.a.
S 15	17 3	16 53	4 48	10 8	1 16	18 48	5 2	27 3	4 28	4 56	1 13	17 40	1 28	10 28	0 45	14 26	1 36	30 34	6 43	1 59	2 37	18 42		n.a.
M16	16 46	14 47	4 20	9 24	1 29	18 55	4 54	27 3	4 26	4 51	1 12	17 41	1 29	10 27	0 45	14 26	1 36	30 34	6 43	1 55	2 36	18 42		n.a.
T 17	16 28	12 0	3 41	8 43	1 42	19 2	4 46	27 4	4 25	4 46	1 12	17 41	1 29	10 26	0 45	14 25	1 36	30 34	6 43	1 51	2 35	18 42		n.a.
W18	16 10	8 39	2 50	8 3	1 55	19 9	4 37	27 4	4 23	4 40	1 12	17 42	1 29	10 25	0 45	14 24	1 36	30 35	6 44	1 49	2 34	18 42		n.a.
T 19	15 52	4 53	1 50	7 25	2 7	19 16	4 29	27 4	4 21	4 35	1 12	17 42	1 29	10 23	0 45	14 23	1 36	30 35	6 44	1 47	2 32	18 42		n.a.
F 20	15 34	0 51	0 44	6 50	2 19	19 22	4 21	27 4	4 19	4 30	1 12	17 43	1 29	10 22	0 45	14 22	1 36	30 35	6 44	1 46	2 31	18 41		n.a.
S 21	15 15	3s18	0n26	6 18	2 30	19 28	4 13	27 4	4 17	4 25	1 12	17 43	1 29	10 21	0 45	14 22	1 36	30 35	6 44	1 46	2 30	18 41		n.a.
S 22	14 56	7 21	1 35	5 48	2 41	19 34	4 5	27 3	4 15	4 19	1 12	17 44	1 29	10 20	0 45	14 21	1 36	30 36	6 45	1 46	2 29	18 41		n.a.
M23	14 37	11 7	2 41	5 22	2 51	19 40	3 57	27 2	4 12	4 14	1 11	17 44	1 29	10 18	0 45	14 20	1 36	30 36	6 45	1 47	2 27	18 41		n.a.
T 24	14 18	14 21	3 39	4 59	3 0	19 45	3 49	27 2	4 10	4 8	1 11	17 45	1 29	10 17	0 45	14 19	1 36	30 36	6 45	1 47	2 26	18 41		n.a.
W25	13 58	16 50	4 26	4 40	3 8	19 50	3 41	27 1	4 8	4 3	1 11	17 45	1 29	10 16	0 45	14 18	1 36	30 36	6 45	1 47	2 25	18 40		n.a.
T 26	13 38	18 20	4 57	4 24	3 15	19 54	3 34	27 0	4 6	3 57	1 11	17 46	1 29	10 14	0 45	14 18	1 36	30 36	6 45	1 46	2 23	18 40		n.a.
F 27	13 18	18 41	5 10	4 12	3 21	19 58	3 26	26 58	4 4	3 52	1 11	17 46	1 29	10 13	0 45	14 17	1 36	30 37	6 46	1 45	2 22	18 40		n.a.
S 28	12 58	17 46	5 3	4 4	3 26	20 2	3 18	26 57	4 1	3 46	1 11	17 46	1 30	10 12	0 45	14 16	1 36	30 37	6 46	1 43	2 21	18 40		n.a.
S 29	12s38	15s40	4n35	3s59	3n29	20s 6	3n10	26n56	3n59	3s41	1s11	17s47	1n30	10s11	0s45	14s15	1s36	30s37	6s46	1s40	2s20	18n39		n.a.

Julian Day Number = 1199511.5, Delta T = 09h23m58s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'30, Lahiri = -23°40'30 Julian Calendar 1 Feb. 1429 BCE == Greg. Calendar 19 Jan. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

MARCH 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 45 3	28♒16'04	16♒25	11°R55	13♉25	15°R 8	23♓46	24♏31	6♓ 1	26♒57	28♐33	4°R 3	5♎42	4♋ 8	n.a.	M 1
T 2	9 49 0	29°14'44	0♓59	11♓45	14°15	15♋ 3	24° 0	24°33	6° 4	26°59	28°34	3♎58	5°39	4°15	n.a.	T 2
W 3	9 52 56	0♓13'22	15°16	11°30	15° 4	14°58	24°13	24°34	6° 7	27° 2	28°35	3°55	5°36	4°21	n.a.	W 3
T 4	9 56 53	1°11'58	29°11	11°10	15°55	14°54	24°27	24°35	6°11	27° 4	28°36	3°D54	5°33	4°28	n.a.	T 4
F 5	10 0 49	2°10'32	12♈41	10°44	16°46	14°51	24°40	24°36	6°14	27° 6	28°37	3°54	5°30	4°35	n.a.	F 5
S 6	10 4 46	3° 9'03	25°47	10°14	17°38	14°49	24°54	24°38	6°18	27° 8	28°38	3°56	5°26	4°41	n.a.	S 6
S 7	10 8 43	4° 7'32	8♉30	9°40	18°31	14°47	25° 7	24°39	6°21	27°11	28°39	3°57	5°23	4°48	n.a.	S 7
M 8	10 12 39	5° 5'59	20°54	9° 3	19°24	14°D47	25°21	24°39	6°25	27°13	28°40	3°59	5°20	4°55	n.a.	M 8
T 9	10 16 36	6° 4'24	3♊ 3	8°23	20°18	14°47	25°35	24°40	6°28	27°15	28°41	4°R 0	5°17	5° 2	n.a.	T 9
W10	10 20 32	7° 2'46	15° 2	7°42	21°12	14°48	25°49	24°41	6°31	27°17	28°41	3°59	5°14	5° 8	n.a.	W10
T 11	10 24 29	8° 1'07	26°56	6°59	22° 7	14°49	26° 2	24°41	6°35	27°20	28°42	3°58	5°11	5°15	n.a.	T 11
F 12	10 28 25	8°59'25	8♋48	6°17	23° 2	14°51	26°16	24°42	6°38	27°22	28°43	3°55	5° 7	5°22	n.a.	F 12
S 13	10 32 22	9°57'41	20°44	5°35	23°57	14°54	26°30	24°42	6°42	27°24	28°44	3°52	5° 4	5°29	n.a.	S 13
S 14	10 36 18	10°55'54	2♌46	4°54	24°54	14°58	26°44	24°43	6°45	27°26	28°45	3°48	5° 1	5°35	n.a.	S 14
M15	10 40 15	11°54'06	14°58	4°16	25°50	15° 3	26°58	24°43	6°48	27°28	28°45	3°45	4°58	5°42	n.a.	M15
T 16	10 44 11	12°52'15	27°21	3°40	26°47	15° 8	27°12	24°43	6°52	27°31	28°46	3°41	4°55	5°49	n.a.	T 16
W17	10 48 8	13°50'23	9♍57	3° 8	27°45	15°14	27°25	24°R43	6°55	27°33	28°47	3°39	4°51	5°55	n.a.	W17
T 18	10 52 5	14°48'28	22°46	2°39	28°43	15°20	27°39	24°43	6°59	27°35	28°48	3°38	4°48	6° 2	n.a.	T 18
F 19	10 56 1	15°46'32	5♎49	2°14	29°41	15°27	27°53	24°43	7° 2	27°37	28°48	3°D38	4°45	6° 9	n.a.	F 19
S 20	10 59 58	16°44'34	19° 5	1°53	0♒40	15°35	28° 7	24°43	7° 5	27°39	28°49	3°38	4°42	6°16	n.a.	S 20
S 21	11 3 54	17°42'35	2♏33	1°37	1°39	15°43	28°21	24°42	7° 9	27°42	28°49	3°39	4°39	6°22	n.a.	S 21
M22	11 7 51	18°40'34	16°14	1°26	2°38	15°52	28°35	24°42	7°12	27°44	28°50	3°40	4°36	6°29	n.a.	M22
T 23	11 11 47	19°38'31	0♐ 7	1°19	3°38	16° 2	28°49	24°41	7°16	27°46	28°51	3°41	4°32	6°36	n.a.	T 23
W24	11 15 44	20°36'27	14° 9	1°D17	4°38	16°12	29° 3	24°40	7°19	27°48	28°51	3°42	4°29	6°42	n.a.	W24
T 25	11 19 40	21°34'22	28°21	1°20	5°39	16°23	29°17	24°40	7°22	27°50	28°52	3°R42	4°26	6°49	n.a.	T 25
F 26	11 23 37	22°32'15	12♑39	1°28	6°40	16°34	29°31	24°39	7°26	27°52	28°52	3°41	4°23	6°56	n.a.	F 26
S 27	11 27 33	23°30'07	27° 1	1°41	7°41	16°46	29°45	24°38	7°29	27°54	28°52	3°40	4°20	7° 3	n.a.	S 27
S 28	11 31 30	24°27'57	11♒22	1°58	8°42	16°59	29°59	24°37	7°32	27°56	28°53	3°39	4°17	7° 9	n.a.	S 28
M29	11 35 27	25°25'47	25°39	2°19	9°44	17°12	0♈13	24°36	7°36	27°58	28°53	3°38	4°13	7°16	n.a.	M29
T 30	11 39 23	26°23'34	9♓47	2°45	10°46	17°26	0°28	24°35	7°39	28° 1	28°54	3°38	4°10	7°23	n.a.	T 30
W31	11 43 20	27♓21'20	23♓42	3♓16	11♒48	17♋40	0♈42	24♏33	7♓42	28♒ 3	28♐54	3♎37	4♎ 7	7♋30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	12s17	12s33	3n50	3s58	3n31	20s 8	3n 3	26n54	3n56	3s35	1s10	17s47	1n30	10s 9	0s45	14s15	1s36	30s37	6s46	1s38	2s18	18n39			n.a.
T 2	11 56	8 40	2 50	4 1	3 32	20 11	2 55	26 52	3 54	3 30	1 10	17 47	1 30	10 8	0 45	14 14	1 36	30 38	6 47	1 36	2 17	18 39			n.a.
W 3	11 35	4 22	1 40	4 8	3 31	20 13	2 48	26 50	3 52	3 24	1 10	17 48	1 30	10 7	0 45	14 13	1 36	30 38	6 47	1 35	2 16	18 39			n.a.
T 4	11 14	0n 4	0 26	4 18	3 28	20 15	2 40	26 48	3 49	3 19	1 10	17 48	1 30	10 6	0 45	14 12	1 36	30 38	6 47	1 35	2 14	18 39			n.a.
F 5	10 53	4 22	0s48	4 31	3 24	20 16	2 33	26 46	3 47	3 13	1 10	17 48	1 30	10 4	0 45	14 11	1 36	30 38	6 47	1 35	2 13	18 38			n.a.
S 6	10 32	8 19	1 57	4 48	3 19	20 16	2 25	26 44	3 44	3 8	1 10	17 48	1 30	10 3	0 45	14 11	1 36	30 39	6 47	1 35	2 12	18 38			n.a.
S 7	10 10	11 47	2 58	5 7	3 12	20 16	2 18	26 42	3 42	3 2	1 10	17 48	1 30	10 2	0 45	14 10	1 36	30 39	6 48	1 36	2 11	18 38			n.a.
M 8	9 48	14 37	3 49	5 29	3 3	20 16	2 11	26 40	3 39	2 56	1 10	17 49	1 30	10 0	0 45	14 9	1 36	30 39	6 48	1 37	2 9	18 38			n.a.
T 9	9 27	16 44	4 29	5 54	2 53	20 15	2 4	26 37	3 37	2 51	1 9	17 49	1 30	9 59	0 45	14 8	1 36	30 39	6 48	1 37	2 8	18 37			n.a.
W10	9 5	18 5	4 57	6 20	2 42	20 14	1 57	26 35	3 35	2 45	1 9	17 49	1 30	9 58	0 45	14 8	1 36	30 40	6 48	1 37	2 7	18 37			n.a.
T 11	8 43	18 38	5 11	6 47	2 30	20 12	1 50	26 32	3 32	2 39	1 9	17 49	1 30	9 56	0 45	14 7	1 36	30 40	6 49	1 36	2 5	18 37			n.a.
F 12	8 20	18 22	5 13	7 16	2 16	20 10	1 43	26 29	3 30	2 34	1 9	17 49	1 31	9 55	0 45	14 6	1 36	30 40	6 49	1 35	2 4	18 37			n.a.
S 13	7 58	17 17	5 0	7 45	2 2	20 7	1 36	26 26	3 27	2 28	1 9	17 49	1 31	9 54	0 45	14 5	1 36	30 40	6 49	1 34	2 3	18 36			n.a.
S 14	7 36	15 26	4 35	8 14	1 47	20 3	1 30	26 24	3 25	2 22	1 9	17 49	1 31	9 53	0 45	14 4	1 36	30 41	6 49	1 32	2 2	18 36			n.a.
M15	7 13	12 52	3 57	8 42	1 31	19 59	1 23	26 21	3 22	2 17	1 9	17 49	1 31	9 51	0 45	14 4	1 36	30 41	6 50	1 31	2 0	18 36			n.a.
T 16	6 51	9 41	3 7	9 10	1 15	19 55	1 17	26 18	3 20	2 11	1 9	17 49	1 31	9 50	0 45	14 3	1 36	30 41	6 50	1 30	1 59	18 35			n.a.
W17	6 28	6 1	2 7	9 38	0 59	19 50	1 10	26 15	3 18	2 5	1 9	17 49	1 31	9 49	0 45	14 2	1 36	30 41	6 50	1 29	1 58	18 35			n.a.
T 18	6 5	2 1	1 0	10 3	0 42	19 44	1 4	26 12	3 15	2 0	1 9	17 49	1 31	9 47	0 45	14 1	1 36	30 42	6 50	1 28	1 57	18 35			n.a.
F 19	5 42	2s10	0n12	10 28	0 26	19 38	0 58	26 8	3 13	1 54	1 9	17 49	1 31	9 46	0 45	14 1	1 36	30 42	6 51	1 28	1 55	18 35			n.a.
S 20	5 19	6 18	1 24	10 50	0 10	19 31	0 52	26 5	3 10	1 48	1 8	17 48	1 31	9 45	0 45	14 0	1 36	30 42	6 51	1 28	1 54	18 34			n.a.
S 21	4 56	10 11	2 33	11 11	0s 6	19 24	0 46	26 2	3 8	1 42	1 8	17 48	1 31	9 44	0 45	13 59	1 36	30 42	6 51	1 29	1 53	18 34			n.a.
M22	4 33	13 34	3 34	11 29	0 21	19 16	0 40	25 58	3 6	1 37	1 8	17 48	1 31	9 42	0 45	13 58	1 36	30 43	6 51	1 29	1 51	18 34			n.a.
T 23	4 10	16 14	4 24	11 45	0 36	19 8	0 34	25 55	3 3	1 31	1 8	17 48	1 31	9 41	0 45	13 58	1 36	30 43	6 52	1 29	1 50	18 33			n.a.
W24	3 47	17 58	4 58	11 59	0 50	18 59	0 28	25 51	3 1	1 25	1 8	17 48	1 31	9 40	0 45	13 57	1 36	30 43	6 52	1 30	1 49	18 33			n.a.
T 25	3 24	18 36	5 15	12 10	1 4	18 50	0 23	25 48	2 59	1 19	1 8	17 47	1 32	9 39	0 45	13 56	1 36	30 43	6 52	1 30	1 48	18 33			n.a.
F 26	3 1	18 4	5 12	12 20	1 16	18 40	0 17	25 44	2 56	1 14	1 8	17 47	1 32	9 37	0 45	13 56	1 36	30 44	6 52	1 29	1 46	18 33			n.a.
S 27	2 37	16 22	4 51	12 26	1 28	18 29	0 12	25 40	2 54	1 8	1 8	17 47	1 32	9 36	0 45	13 55	1 36	30 44	6 53	1 29	1 45	18 32			n.a.
S 28	2 14	13 40	4 11	12 31	1 40	18 18	0 6	25 36	2 52	1 2	1 8	17 46	1 32	9 35	0 45	13 54	1 36	30 44	6 53	1 29	1 44	18 32			n.a.
M29	1 51	10 8	3 15	12 33	1 50	18 6	0 1	25 32	2 50	0 56	1 8	17 46	1 32	9 34	0 45	13 53	1 36	30 44	6 53	1 28	1 42	18 32			n.a.
T 30	1 28	6 3	2 8	12 32	2 0	17 54	0s 4	25 28	2 48	0 51	1 8	17 46	1 32	9 32	0 45	13 53	1 36	30 45	6 53	1 28	1 41	18 31			n.a.
W31	1s 4	1s42	0n55	12s29	2s 9	17s42	0s 9	25n24	2n45	0s45	1s 8	17s45	1n32	9s31	0s45	13s52	1s37	30s45	6s54	1s28	1s40	18n31			n.a.

Julian Day Number = 1199540.5, Delta T = 09h23m57s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'26, Lahiri = -23°40'26 Julian Calendar 1 March 1429 BCE == Greg. Calendar 17 Feb. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

APRIL 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 47 16	28♓19'04	7♈21	3♓50	12♒50	17♋54	0♈56	24°R32	7♓45	28♒ 5	28♐54	3°D37	4♎ 4	7♋36	n.a.	T 1
F 2	11 51 13	29°16'47	20°41	4°28	13°53	18°10	1°10	24♏30	7°49	28° 7	28°55	3♎37	4° 1	7°43	n.a.	F 2
S 3	11 55 9	0♈14'29	3♉41	5°10	14°56	18°25	1°24	24°29	7°52	28° 9	28°55	3°38	3°57	7°50	n.a.	S 3
S 4	11 59 6	1°12'08	16°22	5°55	15°59	18°41	1°38	24°27	7°55	28°11	28°55	3°38	3°54	7°56	n.a.	S 4
M 5	12 3 2	2° 9'47	28°47	6°45	17° 2	18°58	1°52	24°25	7°58	28°13	28°55	3°38	3°51	8° 3	n.a.	M 5
T 6	12 6 59	3° 7'23	10♊58	7°37	18° 6	19°15	2° 6	24°23	8° 1	28°14	28°55	3°38	3°48	8°10	n.a.	T 6
W 7	12 10 56	4° 4'58	22°59	8°33	19°10	19°33	2°20	24°21	8° 5	28°16	28°56	3°R38	3°45	8°17	n.a.	W 7
T 8	12 14 52	5° 2'31	4♋53	9°32	20°14	19°51	2°34	24°19	8° 8	28°18	28°56	3°D38	3°42	8°23	n.a.	T 8
F 9	12 18 49	6° 0'03	16°47	10°34	21°18	20° 9	2°48	24°17	8°11	28°20	28°56	3°38	3°38	8°30	n.a.	F 9
S 10	12 22 45	6°57'33	28°44	11°39	22°22	20°28	3° 2	24°15	8°14	28°22	28°56	3°38	3°35	8°37	n.a.	S 10
S 11	12 26 42	7°55'01	10♌48	12°47	23°27	20°48	3°16	24°13	8°17	28°24	28°56	3°39	3°32	8°44	n.a.	S 11
M12	12 30 38	8°52'28	23° 4	13°58	24°32	21° 8	3°30	24°10	8°20	28°26	28°R56	3°39	3°29	8°50	n.a.	M12
T 13	12 34 35	9°49'54	5♍34	15°12	25°37	21°28	3°44	24° 8	8°23	28°28	28°56	3°40	3°26	8°57	n.a.	T 13
W14	12 38 31	10°47'18	18°22	16°28	26°42	21°48	3°59	24° 6	8°26	28°29	28°56	3°40	3°22	9° 4	n.a.	W14
T 15	12 42 28	11°44'41	1♎28	17°47	27°47	22° 9	4°13	24° 3	8°29	28°31	28°56	3°R41	3°19	9°10	n.a.	T 15
F 16	12 46 24	12°42'03	14°52	19° 9	28°52	22°31	4°26	24° 0	8°32	28°33	28°56	3°40	3°16	9°17	n.a.	F 16
S 17	12 50 21	13°39'23	28°33	20°33	29°58	22°52	4°40	23°57	8°35	28°35	28°56	3°40	3°13	9°24	n.a.	S 17
S 18	12 54 18	14°36'43	12♏29	22° 0	1♓ 4	23°14	4°54	23°55	8°38	28°36	28°55	3°39	3°10	9°31	n.a.	S 18
M19	12 58 14	15°34'02	26°36	23°29	2°10	23°37	5° 8	23°52	8°41	28°38	28°55	3°37	3° 7	9°37	n.a.	M19
T 20	13 2 11	16°31'20	10♐50	25° 1	3°16	24° 0	5°22	23°49	8°44	28°40	28°55	3°36	3° 3	9°44	n.a.	T 20
W21	13 6 7	17°28'37	25° 8	26°36	4°22	24°23	5°36	23°46	8°47	28°41	28°55	3°35	3° 0	9°51	n.a.	W21
T 22	13 10 4	18°25'54	9♑26	28°13	5°29	24°46	5°50	23°43	8°49	28°43	28°55	3°34	2°57	9°57	n.a.	T 22
F 23	13 14 0	19°23'10	23°40	29°52	6°35	25°10	6° 4	23°39	8°52	28°45	28°54	3°D34	2°54	10° 4	n.a.	F 23
S 24	13 17 57	20°20'25	7♒49	1♈34	7°42	25°34	6°18	23°36	8°55	28°46	28°54	3°34	2°51	10°11	n.a.	S 24
S 25	13 21 54	21°17'40	21°49	3°18	8°49	25°59	6°32	23°33	8°58	28°48	28°54	3°35	2°48	10°18	n.a.	S 25
M26	13 25 50	22°14'54	5♓41	5° 5	9°56	26°24	6°45	23°29	9° 0	28°49	28°53	3°37	2°44	10°24	n.a.	M26
T 27	13 29 47	23°12'08	19°22	6°54	11° 3	26°49	6°59	23°26	9° 3	28°51	28°53	3°38	2°41	10°31	n.a.	T 27
W28	13 33 43	24° 9'21	2♈50	8°46	12°10	27°14	7°13	23°23	9° 6	28°52	28°53	3°R38	2°38	10°38	n.a.	W28
T 29	13 37 40	25° 6'33	16° 6	10°40	13°17	27°40	7°27	23°19	9° 8	28°54	28°52	3°38	2°35	10°45	n.a.	T 29
F 30	13 41 36	26♈ 3'45	29♈ 8	12♈36	14♓25	28♋ 6	7♈40	23♏15	9♓11	28♒55	28♐52	3♎36	2♎32	10♋51	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s41	2n39	0s21	12s24	2s17	17s29	0s14	25n20	2n43	0s39	1s 8	17s45	1n32	9s30	0s45	13s51	1s37	30s45	6s54	1s28	1s39	18n31		n.a.
F 2	0 17	6 47	1 33	12 17	2 25	17 15	0 19	25 16	2 41	0 33	1 7	17 45	1 32	9 29	0 45	13 51	1 37	30 46	6 54	1 28	1 37	18 30		n.a.
S 3	0n 6	10 28	2 39	12 7	2 31	17 1	0 23	25 11	2 39	0 28	1 7	17 44	1 32	9 27	0 45	13 50	1 37	30 46	6 54	1 28	1 36	18 30		n.a.
S 4	0 29	13 35	3 36	11 56	2 37	16 46	0 28	25 7	2 37	0 22	1 7	17 44	1 32	9 26	0 45	13 49	1 37	30 46	6 55	1 28	1 35	18 30		n.a.
M 5	0 52	16 0	4 20	11 42	2 42	16 31	0 32	25 2	2 35	0 16	1 7	17 43	1 32	9 25	0 45	13 49	1 37	30 46	6 55	1 28	1 33	18 29		n.a.
T 6	1 16	17 39	4 53	11 26	2 47	16 15	0 37	24 58	2 32	0 11	1 7	17 43	1 32	9 24	0 45	13 48	1 37	30 47	6 55	1 28	1 32	18 29		n.a.
W 7	1 39	18 29	5 12	11 8	2 50	15 59	0 41	24 53	2 30	0 5	1 7	17 42	1 32	9 23	0 45	13 47	1 37	30 47	6 55	1 28	1 31	18 29		n.a.
T 8	2 2	18 29	5 17	10 48	2 53	15 43	0 45	24 48	2 28	0n 1	1 7	17 41	1 32	9 21	0 45	13 47	1 37	30 47	6 56	1 28	1 30	18 28		n.a.
F 9	2 25	17 41	5 9	10 26	2 55	15 26	0 49	24 44	2 26	0 7	1 7	17 41	1 32	9 20	0 45	13 46	1 37	30 47	6 56	1 28	1 28	18 28		n.a.
S 10	2 49	16 5	4 47	10 2	2 56	15 8	0 53	24 39	2 24	0 12	1 7	17 40	1 33	9 19	0 45	13 46	1 37	30 48	6 56	1 28	1 27	18 28		n.a.
S 11	3 12	13 47	4 13	9 36	2 57	14 50	0 57	24 34	2 22	0 18	1 7	17 40	1 33	9 18	0 45	13 45	1 37	30 48	6 57	1 28	1 26	18 27		n.a.
M12	3 35	10 49	3 27	9 8	2 57	14 32	1 1	24 29	2 20	0 24	1 7	17 39	1 33	9 17	0 45	13 44	1 37	30 48	6 57	1 29	1 24	18 27		n.a.
T 13	3 58	7 19	2 30	8 38	2 56	14 13	1 4	24 23	2 18	0 29	1 7	17 38	1 33	9 16	0 45	13 44	1 37	30 48	6 57	1 29	1 23	18 27		n.a.
W14	4 21	3 24	1 24	8 7	2 55	13 54	1 8	24 18	2 16	0 35	1 7	17 38	1 33	9 15	0 45	13 43	1 37	30 49	6 57	1 29	1 22	18 26		n.a.
T 15	4 43	0s47	0 12	7 33	2 53	13 34	1 11	24 13	2 14	0 41	1 7	17 37	1 33	9 13	0 45	13 43	1 37	30 49	6 58	1 29	1 21	18 26		n.a.
F 16	5 6	5 1	1n 2	6 58	2 50	13 14	1 15	24 7	2 12	0 47	1 7	17 36	1 33	9 12	0 45	13 42	1 37	30 49	6 58	1 29	1 19	18 25		n.a.
S 17	5 29	9 4	2 13	6 21	2 47	12 53	1 18	24 2	2 11	0 52	1 7	17 36	1 33	9 11	0 45	13 41	1 37	30 49	6 58	1 29	1 18	18 25		n.a.
S 18	5 51	12 42	3 19	5 43	2 43	12 33	1 21	23 56	2 9	0 58	1 7	17 35	1 33	9 10	0 45	13 41	1 37	30 50	6 58	1 28	1 17	18 25		n.a.
M19	6 14	15 39	4 13	5 3	2 38	12 11	1 24	23 50	2 7	1 3	1 7	17 34	1 33	9 9	0 45	13 40	1 37	30 50	6 59	1 28	1 15	18 24		n.a.
T 20	6 36	17 39	4 51	4 21	2 33	11 50	1 27	23 44	2 5	1 9	1 7	17 33	1 33	9 8	0 45	13 40	1 37	30 50	6 59	1 27	1 14	18 24		n.a.
W21	6 59	18 34	5 13	3 38	2 28	11 28	1 29	23 38	2 3	1 15	1 7	17 33	1 33	9 7	0 45	13 39	1 37	30 50	6 59	1 27	1 13	18 24		n.a.
T 22	7 21	18 18	5 14	2 53	2 21	11 5	1 32	23 32	2 1	1 20	1 7	17 32	1 33	9 6	0 45	13 39	1 37	30 51	6 59	1 26	1 12	18 23		n.a.
F 23	7 43	16 52	4 57	2 6	2 15	10 43	1 35	23 26	2 0	1 26	1 7	17 31	1 33	9 5	0 45	13 38	1 37	30 51	7 0	1 26	1 10	18 23		n.a.
S 24	8 5	14 26	4 21	1 18	2 7	10 20	1 37	23 20	1 58	1 31	1 7	17 30	1 33	9 4	0 45	13 38	1 38	30 51	7 0	1 27	1 9	18 22		n.a.
S 25	8 27	11 10	3 31	0 29	1 59	9 56	1 39	23 13	1 56	1 37	1 7	17 29	1 33	9 3	0 45	13 37	1 38	30 51	7 0	1 27	1 8	18 22		n.a.
M26	8 49	7 18	2 28	0n22	1 51	9 33	1 41	23 7	1 54	1 43	1 7	17 28	1 33	9 2	0 45	13 37	1 38	30 52	7 0	1 28	1 6	18 22		n.a.
T 27	9 10	3 6	1 18	1 13	1 42	9 9	1 44	23 0	1 52	1 48	1 7	17 28	1 33	9 1	0 45	13 36	1 38	30 52	7 1	1 28	1 5	18 21		n.a.
W28	9 32	1n13	0 4	2 7	1 33	8 44	1 46	22 53	1 51	1 54	1 7	17 27	1 33	9 0	0 45	13 36	1 38	30 52	7 1	1 28	1 4	18 21		n.a.
T 29	9 53	5 24	1s 8	3 1	1 24	8 20	1 47	22 46	1 49	1 59	1 7	17 26	1 33	8 59	0 45	13 35	1 38	30 52	7 1	1 28	1 3	18 20		n.a.
F 30	10n14	9n15	2s16	3n56	1s14	7s55	1s49	22n39	1n47	2n 5	1s 7	17s25	1n33	8s58	0s45	13s35	1s38	30s53	7s 1	1s27	1s 1	18n20		n.a.

Julian Day Number = 1199571.5, Delta T = 09h23m55s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'22, Lahiri = -23°40'22 Julian Calendar 1 Apr. 1429 BCE == Greg. Calendar 19 March 1429 BCE

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

MAY 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 45 33	27♈ 0'56	11♉55	14♈34	15♓32	28♋32	7♈54	23°R12	9♓14	28♒56	28°R51	3°R34	2♎28	10♋58	n.a.	S 1
S 2	13 49 29	27°58'07	24°28	16°35	16°40	28°59	8° 8	23♏ 8	9°16	28°58	28♐51	3♎30	2°25	11° 5	n.a.	S 2
M 3	13 53 26	28°55'16	6♊48	18°37	17°48	29°25	8°21	23° 4	9°19	28°59	28°50	3°26	2°22	11°11	n.a.	M 3
T 4	13 57 23	29°52'25	18°57	20°41	18°56	29°53	8°35	23° 0	9°21	29° 0	28°50	3°22	2°19	11°18	n.a.	T 4
W 5	14 1 19	0♉49'34	0♋56	22°47	20° 4	0♌20	8°48	22°56	9°23	29° 2	28°49	3°18	2°16	11°25	n.a.	W 5
T 6	14 5 16	1°46'41	12°51	24°55	21°12	0°48	9° 2	22°53	9°26	29° 3	28°49	3°16	2°13	11°32	n.a.	T 6
F 7	14 9 12	2°43'48	24°43	27° 4	22°20	1°16	9°15	22°49	9°28	29° 4	28°48	3°14	2° 9	11°38	n.a.	F 7
S 8	14 13 9	3°40'54	6♌39	29°13	23°28	1°44	9°29	22°45	9°31	29° 6	28°47	3°D14	2° 6	11°45	n.a.	S 8
S 9	14 17 5	4°38'00	18°43	1♉24	24°36	2°12	9°42	22°41	9°33	29° 7	28°47	3°15	2° 3	11°52	n.a.	S 9
M10	14 21 2	5°35'05	0♍59	3°35	25°45	2°41	9°55	22°36	9°35	29° 8	28°46	3°16	2° 0	11°58	n.a.	M10
T 11	14 24 58	6°32'09	13°32	5°46	26°53	3°10	10° 9	22°32	9°37	29° 9	28°45	3°18	1°57	12° 5	n.a.	T 11
W12	14 28 55	7°29'13	26°25	7°57	28° 2	3°39	10°22	22°28	9°39	29°10	28°44	3°19	1°53	12°12	n.a.	W12
T 13	14 32 52	8°26'16	9♎42	10° 8	29°11	4° 8	10°35	22°24	9°42	29°11	28°44	3°R19	1°50	12°19	n.a.	T 13
F 14	14 36 48	9°23'19	23°22	12°18	0♈20	4°38	10°48	22°20	9°44	29°12	28°43	3°17	1°47	12°25	n.a.	F 14
S 15	14 40 45	10°20'22	7♏24	14°28	1°29	5° 8	11° 1	22°16	9°46	29°13	28°42	3°14	1°44	12°32	n.a.	S 15
S 16	14 44 41	11°17'24	21°46	16°36	2°38	5°38	11°14	22°11	9°48	29°14	28°41	3°10	1°41	12°39	n.a.	S 16
M17	14 48 38	12°14'27	6♐21	18°43	3°47	6° 8	11°27	22° 7	9°50	29°15	28°41	3° 4	1°38	12°46	n.a.	M17
T 18	14 52 34	13°11'29	21° 2	20°49	4°56	6°38	11°40	22° 3	9°52	29°16	28°40	2°58	1°34	12°52	n.a.	T 18
W19	14 56 31	14° 8'32	5♑42	22°53	6° 5	7° 9	11°53	21°58	9°54	29°17	28°39	2°53	1°31	12°59	n.a.	W19
T 20	15 0 27	15° 5'35	20°15	24°56	7°15	7°40	12° 6	21°54	9°55	29°18	28°38	2°49	1°28	13° 6	n.a.	T 20
F 21	15 4 24	16° 2'38	4♒36	26°57	8°24	8°11	12°19	21°50	9°57	29°19	28°37	2°47	1°25	13°12	n.a.	F 21
S 22	15 8 21	16°59'42	18°42	28°56	9°34	8°42	12°31	21°45	9°59	29°19	28°36	2°D47	1°22	13°19	n.a.	S 22
S 23	15 12 17	17°56'46	2♓32	0♊53	10°43	9°14	12°44	21°41	10° 1	29°20	28°35	2°47	1°19	13°26	n.a.	S 23
M24	15 16 14	18°53'50	16° 7	2°49	11°53	9°46	12°57	21°36	10° 2	29°21	28°34	2°48	1°15	13°33	n.a.	M24
T 25	15 20 10	19°50'55	29°26	4°42	13° 3	10°17	13° 9	21°32	10° 4	29°22	28°33	2°R49	1°12	13°39	n.a.	T 25
W26	15 24 7	20°48'00	12♈32	6°34	14°13	10°50	13°22	21°28	10° 6	29°22	28°32	2°49	1° 9	13°46	n.a.	W26
T 27	15 28 3	21°45'06	25°26	8°23	15°23	11°22	13°34	21°23	10° 7	29°23	28°31	2°47	1° 6	13°53	n.a.	T 27
F 28	15 32 0	22°42'12	8♉ 8	10°11	16°33	11°54	13°47	21°19	10° 9	29°24	28°30	2°42	1° 3	13°59	n.a.	F 28
S 29	15 35 57	23°39'18	20°39	11°56	17°43	12°27	13°59	21°14	10°10	29°24	28°29	2°35	0°59	14° 6	n.a.	S 29
S 30	15 39 53	24°36'25	3♊ 0	13°40	18°53	13° 0	14°11	21°10	10°12	29°25	28°28	2°27	0°56	14°13	n.a.	S 30
M31	15 43 50	25♉33'32	15♊12	15♊21	20♈ 3	13♌33	14♈23	21♏ 6	10♓13	29♒25	28♐27	2♎17	0♎53	14♋20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n35	12n35	3s15	4n52	1s 4	7s30	1s51	22n32	1n46	2n10	1s 7	17s24	1n33	8s57	0s45	13s34	1s38	30s53	7s 2	1s26	1s 0	18n20		n.a.
S 2	10 56	15 17	4 4	5 49	0 53	7 4	1 52	22 25	1 44	2 16	1 7	17 23	1 33	8 56	0 45	13 34	1 38	30 53	7 2	1 25	0 59	18 19		n.a.
M 3	11 17	17 13	4 40	6 46	0 43	6 39	1 54	22 18	1 42	2 21	1 7	17 22	1 33	8 55	0 45	13 33	1 38	30 53	7 2	1 23	0 57	18 19		n.a.
T 4	11 37	18 21	5 3	7 43	0 32	6 13	1 55	22 10	1 41	2 26	1 7	17 21	1 33	8 54	0 45	13 33	1 38	30 54	7 2	1 22	0 56	18 18		n.a.
W 5	11 58	18 39	5 13	8 41	0 21	5 47	1 57	22 3	1 39	2 32	1 7	17 20	1 33	8 53	0 45	13 33	1 38	30 54	7 3	1 20	0 55	18 18		n.a.
T 6	12 18	18 6	5 9	9 39	0 10	5 21	1 58	21 55	1 37	2 37	1 7	17 19	1 33	8 52	0 45	13 32	1 38	30 54	7 3	1 19	0 54	18 17		n.a.
F 7	12 38	16 47	4 52	10 37	0n 0	4 54	1 59	21 47	1 36	2 43	1 7	17 18	1 33	8 51	0 45	13 32	1 38	30 54	7 3	1 19	0 52	18 17		n.a.
S 8	12 58	14 43	4 22	11 34	0 11	4 28	2 0	21 39	1 34	2 48	1 7	17 17	1 33	8 50	0 45	13 31	1 38	30 55	7 3	1 18	0 51	18 17		n.a.
S 9	13 17	12 0	3 40	12 30	0 22	4 1	2 1	21 31	1 33	2 53	1 7	17 16	1 33	8 50	0 46	13 31	1 38	30 55	7 3	1 19	0 50	18 16		n.a.
M10	13 37	8 43	2 48	13 25	0 32	3 34	2 1	21 23	1 31	2 59	1 7	17 15	1 33	8 49	0 46	13 31	1 38	30 55	7 4	1 19	0 48	18 16		n.a.
T 11	13 56	4 58	1 46	14 20	0 42	3 7	2 2	21 15	1 30	3 4	1 7	17 14	1 33	8 48	0 46	13 30	1 38	30 55	7 4	1 20	0 47	18 15		n.a.
W12	14 15	0 53	0 38	15 12	0 51	2 40	2 2	21 6	1 28	3 9	1 7	17 13	1 33	8 47	0 46	13 30	1 38	30 55	7 4	1 20	0 46	18 15		n.a.
T 13	14 34	3s22	0n35	16 4	1 0	2 12	2 3	20 58	1 27	3 14	1 7	17 12	1 33	8 46	0 46	13 30	1 39	30 56	7 4	1 20	0 45	18 14		n.a.
F 14	14 52	7 35	1 47	16 53	1 8	1 45	2 3	20 49	1 25	3 20	1 7	17 11	1 33	8 46	0 46	13 29	1 39	30 56	7 5	1 20	0 43	18 14		n.a.
S 15	15 11	11 29	2 55	17 40	1 16	1 17	2 4	20 40	1 24	3 25	1 7	17 10	1 33	8 45	0 46	13 29	1 39	30 56	7 5	1 19	0 42	18 14		n.a.
S 16	15 29	14 47	3 53	18 25	1 24	0 49	2 4	20 31	1 22	3 30	1 7	17 9	1 33	8 44	0 46	13 29	1 39	30 56	7 5	1 17	0 41	18 13		n.a.
M17	15 47	17 12	4 37	19 8	1 30	0 22	2 4	20 22	1 21	3 35	1 7	17 8	1 33	8 43	0 46	13 28	1 39	30 56	7 5	1 14	0 39	18 13		n.a.
T 18	16 4	18 31	5 3	19 49	1 36	0n 6	2 4	20 13	1 19	3 40	1 7	17 7	1 33	8 43	0 46	13 28	1 39	30 57	7 5	1 12	0 38	18 12		n.a.
W19	16 22	18 35	5 9	20 27	1 42	0 34	2 4	20 4	1 18	3 45	1 7	17 5	1 33	8 42	0 46	13 28	1 39	30 57	7 6	1 10	0 37	18 12		n.a.
T 20	16 39	17 26	4 55	21 3	1 46	1 2	2 3	19 54	1 16	3 50	1 7	17 4	1 33	8 41	0 46	13 28	1 39	30 57	7 6	1 8	0 36	18 11		n.a.
F 21	16 56	15 11	4 23	21 36	1 50	1 30	2 3	19 44	1 15	3 55	1 7	17 3	1 32	8 41	0 46	13 27	1 39	30 57	7 6	1 8	0 34	18 11		n.a.
S 22	17 12	12 4	3 36	22 7	1 54	1 59	2 3	19 35	1 13	4 0	1 7	17 2	1 32	8 40	0 46	13 27	1 39	30 57	7 6	1 7	0 33	18 10		n.a.
S 23	17 29	8 20	2 36	22 35	1 56	2 27	2 2	19 25	1 12	4 5	1 7	17 1	1 32	8 39	0 46	13 27	1 39	30 58	7 7	1 8	0 32	18 10		n.a.
M24	17 45	4 12	1 29	23 1	1 58	2 55	2 2	19 15	1 11	4 10	1 7	17 0	1 32	8 39	0 46	13 27	1 39	30 58	7 7	1 8	0 30	18 9		n.a.
T 25	18 1	0n 3	0 18	23 24	1 59	3 23	2 1	19 5	1 9	4 15	1 7	16 59	1 32	8 38	0 46	13 27	1 39	30 58	7 7	1 8	0 29	18 9		n.a.
W26	18 16	4 14	0s52	23 45	2 0	3 51	2 0	18 54	1 8	4 20	1 7	16 58	1 32	8 37	0 46	13 26	1 39	30 58	7 7	1 8	0 28	18 8		n.a.
T 27	18 31	8 10	1 59	24 4	2 0	4 19	2 0	18 44	1 6	4 25	1 7	16 57	1 32	8 37	0 46	13 26	1 39	30 58	7 7	1 7	0 27	18 8		n.a.
F 28	18 46	11 39	2 58	24 20	1 59	4 47	1 59	18 34	1 5	4 30	1 7	16 56	1 32	8 36	0 46	13 26	1 39	30 59	7 7	1 6	0 25	18 7		n.a.
S 29	19 1	14 34	3 48	24 34	1 58	5 16	1 58	18 23	1 4	4 35	1 7	16 55	1 32	8 36	0 46	13 26	1 40	30 59	7 8	1 3	0 24	18 7		n.a.
S 30	19 15	16 46	4 26	24 46	1 56	5 44	1 57	18 12	1 2	4 39	1 7	16 54	1 32	8 35	0 46	13 26	1 40	30 59	7 8	0 59	0 23	18 6		n.a.
M31	19n29	18n11	4s52	24n55	1n54	6n11	1s56	18n 1	1n 1	4n44	1s 8	16s52	1n32	8s35	0s46	13s26	1s40	30s59	7s 8	0s55	0s21	18n 6		n.a.

Julian Day Number = 1199601.5, Delta T = 09h23m53s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'18, Lahiri = -23°40'18 Julian Calendar 1 May 1429 BCE == Greg. Calendar 18 Apr. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

JUNE 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 47 46	26♉30'39	27♊15	17♊ 1	21♈13	14♌ 6	14♈35	21°R 1	10♓15	29♒26	28°R26	2°R 7	0♎50	14♋26	n.a.	T 1
W 2	15 51 43	27°27'47	9♋11	18°38	22°24	14°39	14°48	20♏57	10°16	29°26	28♐25	1♎58	0°47	14°33	n.a.	W 2
T 3	15 55 39	28°24'55	21° 3	20°14	23°34	15°13	14°59	20°53	10°17	29°27	28°24	1°50	0°44	14°40	n.a.	T 3
F 4	15 59 36	29°22'03	2♌54	21°47	24°45	15°47	15°11	20°48	10°18	29°27	28°22	1°45	0°40	14°47	n.a.	F 4
S 5	16 3 32	0♊19'12	14°48	23°19	25°55	16°20	15°23	20°44	10°19	29°27	28°21	1°41	0°37	14°53	n.a.	S 5
S 6	16 7 29	1°16'20	26°49	24°49	27° 6	16°54	15°35	20°40	10°21	29°28	28°20	1°D40	0°34	15° 0	n.a.	S 6
M 7	16 11 26	2°13'29	9♍ 2	26°16	28°17	17°29	15°47	20°35	10°22	29°28	28°19	1°40	0°31	15° 7	n.a.	M 7
T 8	16 15 22	3°10'39	21°33	27°41	29°27	18° 3	15°58	20°31	10°23	29°28	28°18	1°41	0°28	15°13	n.a.	T 8
W 9	16 19 19	4° 7'49	4♎26	29° 5	0♉38	18°37	16°10	20°27	10°24	29°28	28°16	1°R41	0°25	15°20	n.a.	W 9
T 10	16 23 15	5° 4'59	17°45	0♋26	1°49	19°12	16°21	20°23	10°25	29°28	28°15	1°40	0°21	15°27	n.a.	T 10
F 11	16 27 12	6° 2'10	1♏31	1°45	3° 0	19°47	16°32	20°18	10°25	29°29	28°14	1°37	0°18	15°34	n.a.	F 11
S 12	16 31 8	6°59'21	15°45	3° 1	4°11	20°22	16°44	20°14	10°26	29°29	28°13	1°31	0°15	15°40	n.a.	S 12
S 13	16 35 5	7°56'33	0♐24	4°16	5°22	20°57	16°55	20°10	10°27	29°29	28°12	1°23	0°12	15°47	n.a.	S 13
M14	16 39 2	8°53'46	15°20	5°28	6°33	21°32	17° 6	20° 6	10°28	29°29	28°10	1°14	0° 9	15°54	n.a.	M14
T 15	16 42 58	9°51'00	0♑24	6°37	7°44	22° 8	17°17	20° 2	10°29	29°R29	28° 9	1° 4	0° 5	16° 0	n.a.	T 15
W16	16 46 55	10°48'15	15°28	7°44	8°56	22°43	17°28	19°58	10°29	29°29	28° 8	0°55	0° 2	16° 7	n.a.	W16
T 17	16 50 51	11°45'31	0♒20	8°49	10° 7	23°19	17°38	19°54	10°30	29°29	28° 6	0°48	29♍59	16°14	n.a.	T 17
F 18	16 54 48	12°42'48	14°55	9°51	11°19	23°55	17°49	19°50	10°30	29°29	28° 5	0°43	29°56	16°21	n.a.	F 18
S 19	16 58 44	13°40'07	29° 9	10°50	12°30	24°31	18° 0	19°46	10°31	29°29	28° 4	0°40	29°53	16°27	n.a.	S 19
S 20	17 2 41	14°37'26	12♓59	11°46	13°42	25° 7	18°10	19°43	10°31	29°29	28° 3	0°D40	29°50	16°34	n.a.	S 20
M21	17 6 37	15°34'47	26°27	12°39	14°53	25°43	18°21	19°39	10°32	29°28	28° 1	0°R40	29°46	16°41	n.a.	M21
T 22	17 10 34	16°32'10	9♈35	13°29	16° 5	26°20	18°31	19°35	10°32	29°28	28° 0	0°40	29°43	16°47	n.a.	T 22
W23	17 14 31	17°29'34	22°27	14°16	17°17	26°56	18°41	19°32	10°32	29°28	27°59	0°38	29°40	16°54	n.a.	W23
T 24	17 18 27	18°26'59	5♉ 4	14°59	18°28	27°33	18°51	19°28	10°33	29°28	27°57	0°34	29°37	17° 1	n.a.	T 24
F 25	17 22 24	19°24'25	17°30	15°38	19°40	28°10	19° 1	19°24	10°33	29°27	27°56	0°27	29°34	17° 8	n.a.	F 25
S 26	17 26 20	20°21'53	29°47	16°14	20°52	28°46	19°11	19°21	10°33	29°27	27°55	0°18	29°31	17°14	n.a.	S 26
S 27	17 30 17	21°19'22	11♊56	16°45	22° 4	29°24	19°21	19°18	10°33	29°27	27°53	0° 6	29°27	17°21	n.a.	S 27
M28	17 34 13	22°16'53	23°59	17°13	23°16	0♍ 1	19°31	19°14	10°33	29°26	27°52	29♍52	29°24	17°28	n.a.	M28
T 29	17 38 10	23°14'25	5♋56	17°35	24°28	0°38	19°40	19°11	10°R33	29°26	27°50	29°38	29°21	17°35	n.a.	T 29
W30	17 42 6	24♊11'58	17♋48	17♋54	25♉41	1♍16	19♈50	19♏ 8	10♓33	29♒25	27♐49	29♍25	29♍18	17♋41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n43	18n46	5s 4	25n 3	1n51	6n39	1s55	17n50	1n 0	4n49	1s 8	16s51	1n32	8s34	0s46	13s26	1s40	30s59	7s 8	0s51	0s20	18n 5		n.a.
W 2	19 56	18 30	5 3	25 9	1 47	7 7	1 53	17 39	0 58	4 53	1 8	16 50	1 32	8 34	0 46	13 25	1 40	30 59	7 8	0 48	0 19	18 5		n.a.
T 3	20 9	17 26	4 48	25 12	1 43	7 35	1 52	17 28	0 57	4 58	1 8	16 49	1 31	8 33	0 46	13 25	1 40	31 0	7 9	0 45	0 18	18 4		n.a.
F 4	20 22	15 37	4 22	25 14	1 38	8 2	1 51	17 16	0 56	5 3	1 8	16 48	1 31	8 33	0 46	13 25	1 40	31 0	7 9	0 42	0 16	18 4		n.a.
S 5	20 34	13 7	3 44	25 14	1 33	8 30	1 49	17 5	0 54	5 7	1 8	16 47	1 31	8 32	0 46	13 25	1 40	31 0	7 9	0 41	0 15	18 3		n.a.
S 6	20 47	10 3	2 55	25 13	1 28	8 57	1 48	16 53	0 53	5 12	1 8	16 46	1 31	8 32	0 46	13 25	1 40	31 0	7 9	0 40	0 14	18 3		n.a.
M 7	20 58	6 30	1 58	25 10	1 21	9 24	1 46	16 41	0 52	5 16	1 8	16 45	1 31	8 32	0 46	13 25	1 40	31 0	7 9	0 40	0 12	18 2		n.a.
T 8	21 10	2 35	0 54	25 5	1 15	9 51	1 44	16 29	0 51	5 21	1 8	16 44	1 31	8 31	0 47	13 25	1 40	31 0	7 9	0 41	0 11	18 2		n.a.
W 9	21 21	1s34	0n15	24 59	1 8	10 18	1 43	16 17	0 49	5 25	1 8	16 43	1 31	8 31	0 47	13 25	1 40	31 0	7 10	0 41	0 10	18 1		n.a.
T 10	21 31	5 47	1 25	24 52	1 0	10 44	1 41	16 5	0 48	5 30	1 8	16 42	1 31	8 31	0 47	13 25	1 40	31 1	7 10	0 40	0 9	18 1		n.a.
F 11	21 42	9 50	2 32	24 43	0 52	11 11	1 39	15 53	0 47	5 34	1 8	16 41	1 31	8 30	0 47	13 25	1 40	31 1	7 10	0 39	0 7	18 0		n.a.
S 12	21 52	13 28	3 32	24 33	0 44	11 37	1 37	15 40	0 46	5 38	1 8	16 40	1 30	8 30	0 47	13 25	1 40	31 1	7 10	0 37	0 6	18 0		n.a.
S 13	22 1	16 22	4 20	24 22	0 35	12 3	1 35	15 28	0 44	5 42	1 8	16 39	1 30	8 30	0 47	13 25	1 40	31 1	7 10	0 34	0 5	17 59		n.a.
M14	22 10	18 13	4 51	24 10	0 26	12 29	1 33	15 15	0 43	5 47	1 9	16 38	1 30	8 30	0 47	13 25	1 41	31 1	7 10	0 30	0 3	17 59		n.a.
T 15	22 19	18 49	5 2	23 58	0 16	12 54	1 31	15 2	0 42	5 51	1 9	16 37	1 30	8 29	0 47	13 25	1 41	31 1	7 10	0 26	0 2	17 58		n.a.
W16	22 27	18 6	4 53	23 44	0 6	13 19	1 29	14 49	0 41	5 55	1 9	16 36	1 30	8 29	0 47	13 25	1 41	31 1	7 11	0 22	0 1	17 57		n.a.
T 17	22 36	16 9	4 24	23 30	0s 4	13 44	1 27	14 36	0 40	5 59	1 9	16 35	1 30	8 29	0 47	13 25	1 41	31 1	7 11	0 19	0n 0	17 57		n.a.
F 18	22 43	13 11	3 38	23 14	0 15	14 9	1 25	14 23	0 38	6 3	1 9	16 34	1 30	8 29	0 47	13 25	1 41	31 2	7 11	0 17	0 2	17 56		n.a.
S 19	22 50	9 30	2 39	22 59	0 26	14 33	1 22	14 10	0 37	6 7	1 9	16 33	1 30	8 29	0 47	13 26	1 41	31 2	7 11	0 16	0 3	17 56		n.a.
S 20	22 57	5 23	1 32	22 43	0 37	14 57	1 20	13 56	0 36	6 11	1 9	16 32	1 29	8 28	0 47	13 26	1 41	31 2	7 11	0 16	0 4	17 55		n.a.
M21	23 4	1 6	0 22	22 26	0 49	15 21	1 18	13 43	0 35	6 15	1 9	16 31	1 29	8 28	0 47	13 26	1 41	31 2	7 11	0 16	0 6	17 55		n.a.
T 22	23 10	3n 9	0s47	22 10	1 0	15 44	1 15	13 29	0 34	6 19	1 9	16 31	1 29	8 28	0 47	13 26	1 41	31 2	7 11	0 16	0 7	17 54		n.a.
W23	23 16	7 9	1 53	21 53	1 12	16 7	1 13	13 15	0 32	6 23	1 9	16 30	1 29	8 28	0 47	13 26	1 41	31 2	7 11	0 15	0 8	17 54		n.a.
T 24	23 21	10 45	2 51	21 36	1 25	16 30	1 11	13 2	0 31	6 27	1 9	16 29	1 29	8 28	0 47	13 26	1 41	31 2	7 11	0 14	0 9	17 53		n.a.
F 25	23 26	13 50	3 41	21 19	1 37	16 52	1 8	12 48	0 30	6 30	1 10	16 28	1 29	8 28	0 47	13 26	1 41	31 2	7 12	0 11	0 11	17 52		n.a.
S 26	23 30	16 15	4 19	21 3	1 49	17 14	1 6	12 33	0 29	6 34	1 10	16 27	1 28	8 28	0 47	13 27	1 41	31 2	7 12	0 7	0 12	17 52		n.a.
S 27	23 34	17 54	4 45	20 46	2 2	17 35	1 3	12 19	0 28	6 38	1 10	16 27	1 28	8 28	0 47	13 27	1 41	31 2	7 12	0 2	0 13	17 51		n.a.
M28	23 38	18 45	4 58	20 30	2 15	17 57	1 1	12 5	0 27	6 41	1 10	16 26	1 28	8 28	0 47	13 27	1 41	31 2	7 12	0n 3	0 14	17 51		n.a.
T 29	23 41	18 46	4 58	20 15	2 27	18 17	0 58	11 50	0 26	6 45	1 10	16 25	1 28	8 28	0 47	13 27	1 41	31 2	7 12	0 9	0 16	17 50		n.a.
W30	23n44	17n57	4s45	20n 0	2s40	18n37	0s55	11n36	0n25	6n48	1s10	16s24	1n28	8s28	0s47	13s27	1s42	31s 2	7s12	0n14	0n17	17n50		n.a.

Julian Day Number = 1199632.5, Delta T = 09h23m51s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'14, Lahiri = -23°40'14 Julian Calendar 1 June 1429 BCE == Greg. Calendar 19 May 1429 BCE

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

JULY 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 46 3	25♊ 9'32	29♋39	18♋ 7	26♉53	1♍53	19♈59	19°R 5	10°R33	29°R25	27°R48	29°R14	29♍15	17♋48	n.a.	T 1
F 2	17 50 0	26° 7'07	11♌29	18°15	28° 5	2°31	20° 8	19♏ 2	10♓33	29♒24	27♐46	29♍ 5	29°11	17°55	n.a.	F 2
S 3	17 53 56	27° 4'44	23°22	18°R18	29°17	3° 9	20°17	18°59	10°33	29°24	27°45	28°59	29° 8	18° 1	n.a.	S 3
S 4	17 57 53	28° 2'22	5♍22	18°16	0♊30	3°47	20°26	18°56	10°32	29°23	27°44	28°56	29° 5	18° 8	n.a.	S 4
M 5	18 1 49	29° 0'01	17°33	18° 8	1°42	4°25	20°35	18°53	10°32	29°23	27°42	28°55	29° 2	18°15	n.a.	M 5
T 6	18 5 46	29°57'41	0♎ 1	17°55	2°55	5° 3	20°44	18°50	10°32	29°22	27°41	28°54	28°59	18°22	n.a.	T 6
W 7	18 9 42	0♋55'23	12°49	17°36	4° 7	5°41	20°52	18°47	10°31	29°21	27°40	28°54	28°56	18°28	n.a.	W 7
T 8	18 13 39	1°53'05	26° 4	17°11	5°20	6°20	21° 1	18°45	10°31	29°21	27°38	28°53	28°52	18°35	n.a.	T 8
F 9	18 17 35	2°50'49	9♏47	16°41	6°33	6°58	21° 9	18°42	10°30	29°20	27°37	28°49	28°49	18°42	n.a.	F 9
S 10	18 21 32	3°48'35	24° 0	16° 6	7°45	7°37	21°17	18°40	10°30	29°19	27°35	28°43	28°46	18°48	n.a.	S 10
S 11	18 25 29	4°46'22	8♐42	15°26	8°58	8°16	21°25	18°37	10°29	29°18	27°34	28°35	28°43	18°55	n.a.	S 11
M12	18 29 25	5°44'10	23°45	14°41	10°11	8°55	21°33	18°35	10°29	29°18	27°33	28°25	28°40	19° 2	n.a.	M12
T 13	18 33 22	6°42'00	9♑ 2	13°53	11°24	9°34	21°41	18°33	10°28	29°17	27°31	28°14	28°37	19° 9	n.a.	T 13
W14	18 37 18	7°39'52	24°20	13° 2	12°37	10°13	21°49	18°31	10°27	29°16	27°30	28° 4	28°33	19°15	n.a.	W14
T 15	18 41 15	8°37'45	9♒29	12° 8	13°50	10°52	21°56	18°29	10°27	29°15	27°29	27°55	28°30	19°22	n.a.	T 15
F 16	18 45 11	9°35'40	24°19	11°14	15° 3	11°31	22° 4	18°27	10°26	29°14	27°27	27°50	28°27	19°29	n.a.	F 16
S 17	18 49 8	10°33'37	8♓45	10°20	16°16	12°11	22°11	18°25	10°25	29°13	27°26	27°46	28°24	19°35	n.a.	S 17
S 18	18 53 4	11°31'37	22°43	9°26	17°29	12°50	22°18	18°23	10°24	29°12	27°25	27°D45	28°21	19°42	n.a.	S 18
M19	18 57 1	12°29'38	6♈14	8°35	18°42	13°30	22°25	18°21	10°23	29°11	27°23	27°R45	28°17	19°49	n.a.	M19
T 20	19 0 58	13°27'41	19°21	7°47	19°56	14°10	22°32	18°20	10°22	29°10	27°22	27°45	28°14	19°56	n.a.	T 20
W21	19 4 54	14°25'47	2♉ 8	7° 4	21° 9	14°49	22°38	18°18	10°21	29° 9	27°21	27°44	28°11	20° 2	n.a.	W21
T 22	19 8 51	15°23'54	14°37	6°26	22°22	15°29	22°45	18°17	10°20	29° 8	27°20	27°41	28° 8	20° 9	n.a.	T 22
F 23	19 12 47	16°22'04	26°54	5°55	23°36	16°10	22°51	18°15	10°19	29° 7	27°18	27°35	28° 5	20°16	n.a.	F 23
S 24	19 16 44	17°20'16	9♊ 1	5°30	24°49	16°50	22°57	18°14	10°18	29° 6	27°17	27°26	28° 2	20°22	n.a.	S 24
S 25	19 20 40	18°18'30	21° 1	5°14	26° 3	17°30	23° 3	18°13	10°17	29° 4	27°16	27°15	27°58	20°29	n.a.	S 25
M26	19 24 37	19°16'46	2♋57	5°D 5	27°16	18°10	23° 9	18°12	10°15	29° 3	27°15	27° 3	27°55	20°36	n.a.	M26
T 27	19 28 33	20°15'04	14°50	5° 5	28°30	18°51	23°15	18°11	10°14	29° 2	27°13	26°50	27°52	20°43	n.a.	T 27
W28	19 32 30	21°13'24	26°41	5°14	29°44	19°32	23°20	18°10	10°13	29° 1	27°12	26°38	27°49	20°49	n.a.	W28
T 29	19 36 27	22°11'45	8♌32	5°32	0♋58	20°12	23°26	18° 9	10°11	29° 0	27°11	26°27	27°46	20°56	n.a.	T 29
F 30	19 40 23	23°10'09	20°25	5°58	2°11	20°53	23°31	18° 9	10°10	28°58	27°10	26°19	27°42	21° 3	n.a.	F 30
S 31	19 44 20	24♋ 8'35	2♍22	6♋33	3♋25	21♍34	23♈36	18♏ 8	10♓ 8	28♒57	27♐ 9	26♍14	27♍39	21♋ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n46	16n21	4s19	19n46	2s52	18n57	0s53	11n21	0n23	6n52	1s10	16s24	1n28	8s28	0s47	13s28	1s42	31s 3	7s12	0n19	0n18	17n49			n.a.
F 2	23 48	14 5	3 43	19 33	3 5	19 16	0 50	11 6	0 22	6 55	1 10	16 23	1 27	8 28	0 47	13 28	1 42	31 3	7 12	0 22	0 20	17 48			n.a.
S 3	23 50	11 12	2 56	19 20	3 16	19 35	0 47	10 51	0 21	6 59	1 10	16 22	1 27	8 28	0 47	13 28	1 42	31 3	7 12	0 25	0 21	17 48			n.a.
S 4	23 51	7 50	2 1	19 9	3 28	19 53	0 45	10 37	0 20	7 2	1 11	16 22	1 27	8 28	0 47	13 28	1 42	31 3	7 12	0 26	0 22	17 47			n.a.
M 5	23 51	4 5	1 0	19 0	3 39	20 11	0 42	10 21	0 19	7 5	1 11	16 21	1 27	8 29	0 48	13 29	1 42	31 3	7 12	0 26	0 23	17 47			n.a.
T 6	23 52	0 5	0n 6	18 51	3 49	20 28	0 39	10 6	0 18	7 8	1 11	16 20	1 27	8 29	0 48	13 29	1 42	31 3	7 12	0 27	0 25	17 46			n.a.
W 7	23 51	4s 2	1 13	18 44	3 59	20 45	0 36	9 51	0 17	7 12	1 11	16 20	1 27	8 29	0 48	13 29	1 42	31 3	7 13	0 27	0 26	17 45			n.a.
T 8	23 51	8 6	2 18	18 39	4 7	21 1	0 34	9 36	0 16	7 15	1 11	16 19	1 26	8 29	0 48	13 29	1 42	31 3	7 13	0 27	0 27	17 45			n.a.
F 9	23 50	11 52	3 18	18 35	4 15	21 16	0 31	9 20	0 15	7 18	1 11	16 19	1 26	8 29	0 48	13 30	1 42	31 3	7 13	0 29	0 29	17 44			n.a.
S 10	23 48	15 6	4 8	18 33	4 21	21 31	0 28	9 4	0 14	7 21	1 11	16 18	1 26	8 30	0 48	13 30	1 42	31 3	7 13	0 31	0 30	17 44			n.a.
S 11	23 46	17 29	4 43	18 33	4 26	21 46	0 25	8 49	0 13	7 24	1 11	16 18	1 26	8 30	0 48	13 30	1 42	31 3	7 13	0 34	0 31	17 43			n.a.
M12	23 44	18 43	5 0	18 35	4 29	22 0	0 23	8 33	0 12	7 27	1 11	16 17	1 26	8 30	0 48	13 31	1 42	31 3	7 13	0 39	0 32	17 42			n.a.
T 13	23 41	18 38	4 55	18 38	4 30	22 13	0 20	8 17	0 11	7 29	1 12	16 17	1 26	8 30	0 48	13 31	1 42	31 3	7 13	0 43	0 34	17 42			n.a.
W14	23 38	17 12	4 30	18 44	4 30	22 25	0 17	8 1	0 10	7 32	1 12	16 16	1 25	8 31	0 48	13 32	1 42	31 3	7 13	0 47	0 35	17 41			n.a.
T 15	23 34	14 34	3 46	18 51	4 28	22 37	0 14	7 45	0 9	7 35	1 12	16 16	1 25	8 31	0 48	13 32	1 42	31 3	7 13	0 50	0 36	17 40			n.a.
F 16	23 30	11 1	2 47	18 59	4 24	22 49	0 12	7 29	0 8	7 38	1 12	16 16	1 25	8 31	0 48	13 32	1 42	31 3	7 13	0 53	0 38	17 40			n.a.
S 17	23 26	6 54	1 39	19 10	4 18	22 59	0 9	7 13	0 7	7 40	1 12	16 15	1 25	8 32	0 48	13 33	1 43	31 3	7 13	0 54	0 39	17 39			n.a.
S 18	23 21	2 32	0 27	19 22	4 10	23 9	0 6	6 57	0 6	7 43	1 12	16 15	1 25	8 32	0 48	13 33	1 43	31 3	7 13	0 54	0 40	17 39			n.a.
M19	23 16	1n50	0s45	19 35	4 0	23 19	0 3	6 40	0 5	7 45	1 12	16 15	1 24	8 33	0 48	13 33	1 43	31 3	7 13	0 54	0 41	17 38			n.a.
T 20	23 10	5 59	1 52	19 49	3 49	23 27	0 1	6 24	0 4	7 48	1 13	16 14	1 24	8 33	0 48	13 34	1 43	31 3	7 13	0 54	0 43	17 37			n.a.
W21	23 4	9 45	2 52	20 4	3 36	23 35	0n 2	6 7	0 3	7 50	1 13	16 14	1 24	8 33	0 48	13 34	1 43	31 3	7 13	0 55	0 44	17 37			n.a.
T 22	22 57	12 59	3 42	20 21	3 22	23 43	0 5	5 51	0 2	7 52	1 13	16 14	1 24	8 34	0 48	13 35	1 43	31 3	7 13	0 56	0 45	17 36			n.a.
F 23	22 50	15 35	4 20	20 37	3 6	23 49	0 7	5 34	0 1	7 55	1 13	16 14	1 24	8 34	0 48	13 35	1 43	31 3	7 13	0 59	0 47	17 35			n.a.
S 24	22 43	17 28	4 47	20 55	2 50	23 55	0 10	5 17	0s 0	7 57	1 13	16 14	1 23	8 35	0 48	13 36	1 43	31 3	7 13	1 2	0 48	17 35			n.a.
S 25	22 35	18 34	5 0	21 13	2 33	24 0	0 13	5 0	0 1	7 59	1 13	16 13	1 23	8 35	0 48	13 36	1 43	31 3	7 13	1 7	0 49	17 34			n.a.
M26	22 27	18 49	5 0	21 31	2 15	24 5	0 15	4 43	0 2	8 1	1 13	16 13	1 23	8 36	0 48	13 37	1 43	31 3	7 13	1 12	0 50	17 33			n.a.
T 27	22 18	18 16	4 47	21 49	1 57	24 9	0 18	4 26	0 3	8 3	1 14	16 13	1 23	8 36	0 48	13 37	1 43	31 3	7 13	1 17	0 52	17 33			n.a.
W28	22 9	16 54	4 22	22 6	1 39	24 12	0 20	4 9	0 4	8 5	1 14	16 13	1 23	8 37	0 48	13 38	1 43	31 3	7 13	1 22	0 53	17 32			n.a.
T 29	22 0	14 49	3 45	22 23	1 21	24 14	0 23	3 52	0 5	8 7	1 14	16 13	1 22	8 37	0 48	13 38	1 43	31 3	7 13	1 26	0 54	17 31			n.a.
F 30	21 50	12 7	2 59	22 40	1 4	24 16	0 25	3 35	0 6	8 9	1 14	16 13	1 22	8 38	0 48	13 38	1 43	31 3	7 13	1 29	0 56	17 31			n.a.
S 31	21n40	8n54	2s 4	22n55	0s46	24n17	0n28	3n18	0s 7	8n10	1s14	16s13	1n22	8s39	0s48	13s39	1s43	31s 3	7s13	1n31	0n57	17n30			n.a.

Julian Day Number = 1199662.5, Delta T = 09h23m49s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'10, Lahiri = -23°40'09 Julian Calendar 1 July 1429 BCE == Greg. Calendar 18 June 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

AUGUST 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 48 16	25♋ 7'02	14♍25	7♋16	4♋39	22♍15	23♈41	18°R 7	10°R 7	28°R56	27°R 7	26°R11	27♍36	21♋16	n.a.	S 1
M 2	19 52 13	26° 5'32	26°39	8° 8	5°53	22°56	23°45	18♏ 7	10♓ 5	28♒54	27♐ 6	26°D10	27°33	21°23	n.a.	M 2
T 3	19 56 9	27° 4'03	9♎ 7	9° 7	7° 7	23°37	23°50	18° 7	10° 4	28°53	27° 5	26♍11	27°30	21°30	n.a.	T 3
W 4	20 0 6	28° 2'35	21°54	10°13	8°21	24°19	23°54	18° 7	10° 2	28°52	27° 4	26°R12	27°27	21°36	n.a.	W 4
T 5	20 4 2	29° 1'10	5♏ 3	11°26	9°35	25° 0	23°58	18°D 7	10° 1	28°50	27° 3	26°12	27°23	21°43	n.a.	T 5
F 6	20 7 59	29°59'47	18°39	12°44	10°49	25°41	24° 2	18° 7	9°59	28°49	27° 2	26°10	27°20	21°50	n.a.	F 6
S 7	20 11 55	0♑58'25	2♐42	14° 8	12° 3	26°23	24° 6	18° 7	9°57	28°47	27° 1	26° 6	27°17	21°56	n.a.	S 7
S 8	20 15 52	1°57'05	17°14	15°37	13°18	27° 5	24°10	18° 7	9°55	28°46	27° 0	26° 1	27°14	22° 3	n.a.	S 8
M 9	20 19 49	2°55'47	2♉ 8	17°10	14°32	27°46	24°13	18° 7	9°54	28°45	26°58	25°53	27°11	22°10	n.a.	M 9
T 10	20 23 45	3°54'32	17°20	18°47	15°46	28°28	24°16	18° 8	9°52	28°43	26°57	25°45	27° 8	22°17	n.a.	T 10
W11	20 27 42	4°53'18	2♒37	20°27	17° 1	29°10	24°19	18° 8	9°50	28°42	26°56	25°38	27° 4	22°23	n.a.	W11
T 12	20 31 38	5°52'06	17°50	22°10	18°15	29°52	24°22	18° 9	9°48	28°40	26°55	25°32	27° 1	22°30	n.a.	T 12
F 13	20 35 35	6°50'56	2♓48	23°54	19°29	0♎34	24°25	18° 9	9°46	28°39	26°54	25°28	26°58	22°37	n.a.	F 13
S 14	20 39 31	7°49'49	17°23	25°41	20°44	1°17	24°27	18°10	9°44	28°37	26°53	25°26	26°55	22°43	n.a.	S 14
S 15	20 43 28	8°48'44	1♈32	27°28	21°58	1°59	24°30	18°11	9°42	28°35	26°53	25°D25	26°52	22°50	n.a.	S 15
M16	20 47 24	9°47'41	15°12	29°17	23°13	2°41	24°32	18°12	9°40	28°34	26°52	25°26	26°48	22°57	n.a.	M16
T 17	20 51 21	10°46'41	28°25	1♌ 6	24°27	3°24	24°34	18°13	9°38	28°32	26°51	25°28	26°45	23° 3	n.a.	T 17
W18	20 55 18	11°45'43	11♉14	2°55	25°42	4° 6	24°35	18°14	9°36	28°31	26°50	25°R28	26°42	23°10	n.a.	W18
T 19	20 59 14	12°44'48	23°43	4°45	26°57	4°49	24°37	18°16	9°34	28°29	26°49	25°28	26°39	23°17	n.a.	T 19
F 20	21 3 11	13°43'56	5♊58	6°35	28°11	5°32	24°38	18°17	9°32	28°28	26°48	25°25	26°36	23°24	n.a.	F 20
S 21	21 7 7	14°43'06	18° 1	8°24	29°26	6°14	24°39	18°18	9°30	28°26	26°47	25°21	26°33	23°30	n.a.	S 21
S 22	21 11 4	15°42'18	29°56	10°13	0♌41	6°57	24°40	18°20	9°28	28°24	26°46	25°15	26°29	23°37	n.a.	S 22
M23	21 15 0	16°41'32	11♋48	12° 2	1°56	7°40	24°41	18°22	9°25	28°23	26°46	25° 8	26°26	23°44	n.a.	M23
T 24	21 18 57	17°40'49	23°39	13°50	3°11	8°23	24°42	18°23	9°23	28°21	26°45	25° 1	26°23	23°50	n.a.	T 24
W25	21 22 53	18°40'09	5♌31	15°37	4°26	9° 6	24°42	18°25	9°21	28°19	26°44	24°54	26°20	23°57	n.a.	W25
T 26	21 26 50	19°39'30	17°27	17°24	5°40	9°50	24°R42	18°27	9°19	28°18	26°43	24°48	26°17	24° 4	n.a.	T 26
F 27	21 30 46	20°38'54	29°26	19°10	6°55	10°33	24°42	18°29	9°16	28°16	26°43	24°44	26°14	24°11	n.a.	F 27
S 28	21 34 43	21°38'20	11♍33	20°56	8°10	11°16	24°42	18°31	9°14	28°14	26°42	24°41	26°10	24°17	n.a.	S 28
S 29	21 38 40	22°37'47	23°47	22°40	9°25	12° 0	24°41	18°34	9°12	28°13	26°41	24°D40	26° 7	24°24	n.a.	S 29
M30	21 42 36	23°37'17	6♎11	24°24	10°40	12°43	24°40	18°36	9° 9	28°11	26°41	24°41	26° 4	24°31	n.a.	M30
T 31	21 46 33	24♑36'49	18♎49	26♌ 8	11♌56	13♎27	24♈40	18♏38	9♓ 7	28♒ 9	26♐40	24♍42	26♍ 1	24♋37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	21n29	5n17	1s 2	23n10	0s30	24n17	0n30	3n 0	0s 8	8n12	1s14	16s13	1n22	8s39	0s48	13s39	1s43	31s 3	7s13	1n33	0n58	17n29			n.a.
M 2	21 18	1 24	0n 3	23 22	0 14	24 16	0 32	2 43	0 9	8 14	1 14	16 13	1 22	8 40	0 48	13 40	1 43	31 2	7 13	1 33	0 59	17 29			n.a.
T 3	21 7	2s38	1 9	23 34	0n 1	24 15	0 35	2 26	0 10	8 15	1 15	16 14	1 21	8 40	0 48	13 41	1 43	31 2	7 13	1 33	1 1	17 28			n.a.
W 4	20 55	6 37	2 13	23 43	0 15	24 13	0 37	2 8	0 10	8 17	1 15	16 14	1 21	8 41	0 48	13 41	1 43	31 2	7 13	1 32	1 2	17 27			n.a.
T 5	20 43	10 25	3 13	23 50	0 29	24 10	0 39	1 51	0 11	8 18	1 15	16 14	1 21	8 42	0 49	13 42	1 43	31 2	7 13	1 32	1 3	17 27			n.a.
F 6	20 30	13 47	4 3	23 55	0 41	24 6	0 42	1 33	0 12	8 19	1 15	16 14	1 21	8 42	0 49	13 42	1 43	31 2	7 13	1 33	1 5	17 26			n.a.
S 7	20 18	16 28	4 41	23 58	0 52	24 2	0 44	1 16	0 13	8 21	1 15	16 14	1 21	8 43	0 49	13 43	1 43	31 2	7 13	1 34	1 6	17 25			n.a.
S 8	20 4	18 13	5 3	23 58	1 2	23 57	0 46	0 58	0 14	8 22	1 15	16 15	1 20	8 44	0 49	13 43	1 43	31 2	7 13	1 37	1 7	17 24			n.a.
M 9	19 51	18 46	5 5	23 55	1 12	23 51	0 48	0 40	0 15	8 23	1 16	16 15	1 20	8 44	0 49	13 44	1 44	31 2	7 13	1 40	1 8	17 24			n.a.
T 10	19 37	18 0	4 45	23 50	1 20	23 44	0 50	0 23	0 16	8 24	1 16	16 15	1 20	8 45	0 49	13 44	1 44	31 2	7 13	1 43	1 10	17 23			n.a.
W11	19 23	15 56	4 5	23 42	1 27	23 37	0 52	0 5	0 17	8 25	1 16	16 15	1 20	8 46	0 49	13 45	1 44	31 2	7 13	1 46	1 11	17 22			n.a.
T 12	19 8	12 46	3 8	23 32	1 33	23 29	0 54	0s13	0 18	8 26	1 16	16 16	1 20	8 47	0 49	13 45	1 44	31 2	7 12	1 48	1 12	17 22			n.a.
F 13	18 53	8 49	1 59	23 19	1 38	23 20	0 56	0 31	0 18	8 27	1 16	16 16	1 19	8 47	0 49	13 46	1 44	31 2	7 12	1 50	1 14	17 21			n.a.
S 14	18 38	4 24	0 43	23 3	1 42	23 11	0 58	0 49	0 19	8 28	1 16	16 17	1 19	8 48	0 49	13 47	1 44	31 2	7 12	1 51	1 15	17 20			n.a.
S 15	18 22	0n 7	0s33	22 46	1 46	23 1	1 0	1 6	0 20	8 28	1 16	16 17	1 19	8 49	0 49	13 47	1 44	31 2	7 12	1 51	1 16	17 20			n.a.
M16	18 6	4 29	1 45	22 26	1 48	22 50	1 1	1 24	0 21	8 29	1 17	16 18	1 19	8 50	0 49	13 48	1 44	31 1	7 12	1 51	1 17	17 19			n.a.
T 17	17 50	8 28	2 49	22 3	1 50	22 38	1 3	1 42	0 22	8 30	1 17	16 18	1 19	8 51	0 49	13 48	1 44	31 1	7 12	1 50	1 19	17 18			n.a.
W18	17 34	11 57	3 42	21 39	1 51	22 26	1 5	2 0	0 23	8 30	1 17	16 19	1 18	8 51	0 49	13 49	1 44	31 1	7 12	1 50	1 20	17 17			n.a.
T 19	17 17	14 47	4 24	21 13	1 51	22 13	1 6	2 18	0 23	8 30	1 17	16 19	1 18	8 52	0 49	13 50	1 44	31 1	7 12	1 50	1 21	17 17			n.a.
F 20	17 0	16 53	4 52	20 45	1 51	22 0	1 8	2 36	0 24	8 31	1 17	16 20	1 18	8 53	0 49	13 50	1 44	31 1	7 12	1 51	1 23	17 16			n.a.
S 21	16 42	18 13	5 7	20 15	1 50	21 46	1 9	2 54	0 25	8 31	1 17	16 20	1 18	8 54	0 49	13 51	1 44	31 1	7 12	1 53	1 24	17 15			n.a.
S 22	16 25	18 43	5 9	19 44	1 49	21 31	1 11	3 12	0 26	8 31	1 18	16 21	1 17	8 55	0 49	13 51	1 44	31 1	7 12	1 55	1 25	17 14			n.a.
M23	16 6	18 24	4 57	19 11	1 47	21 15	1 12	3 30	0 27	8 31	1 18	16 22	1 17	8 56	0 49	13 52	1 44	31 1	7 12	1 58	1 26	17 14			n.a.
T 24	15 48	17 17	4 32	18 38	1 44	20 59	1 14	3 48	0 27	8 31	1 18	16 22	1 17	8 56	0 49	13 52	1 44	31 1	7 12	2 1	1 28	17 13			n.a.
W25	15 30	15 25	3 56	18 3	1 41	20 42	1 15	4 6	0 28	8 31	1 18	16 23	1 17	8 57	0 49	13 53	1 44	31 1	7 12	2 4	1 29	17 12			n.a.
T 26	15 11	12 53	3 9	17 27	1 38	20 25	1 16	4 24	0 29	8 31	1 18	16 24	1 17	8 58	0 49	13 54	1 44	31 0	7 11	2 6	1 30	17 11			n.a.
F 27	14 52	9 47	2 13	16 50	1 34	20 7	1 17	4 42	0 30	8 31	1 18	16 24	1 17	8 59	0 49	13 54	1 44	31 0	7 11	2 8	1 32	17 11			n.a.
S 28	14 32	6 16	1 11	16 12	1 30	19 48	1 18	5 0	0 30	8 31	1 18	16 25	1 16	9 0	0 49	13 55	1 44	31 0	7 11	2 9	1 33	17 10			n.a.
S 29	14 13	2 26	0 5	15 33	1 26	19 29	1 19	5 18	0 31	8 31	1 19	16 26	1 16	9 1	0 49	13 55	1 44	31 0	7 11	2 9	1 34	17 9			n.a.
M30	13 53	1s33	1n 3	14 53	1 21	19 9	1 20	5 36	0 32	8 30	1 19	16 27	1 16	9 2	0 49	13 56	1 44	31 0	7 11	2 9	1 35	17 8			n.a.
T 31	13n33	5s31	2n 9	14n13	1n16	18n49	1n21	5s54	0s33	8n30	1s19	16s28	1n16	9s 3	0s49	13s57	1s44	31s 0	7s11	2n 8	1n37	17n 8			n.a.

Julian Day Number = 1199693.5, Delta T = 09h23m48s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'06, Lahiri = -23°40'05 Julian Calendar 1 Aug. 1429 BCE == Greg. Calendar 19 July 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

SEPTEMBER 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 50 29	25♌36'23	1♏41	27♌50	13♌11	14♎11	24°R38	18♏41	9°R 5	28°R 8	26°R40	24♍44	25♍58	24♋44	n.a.	W 1
T 2	21 54 26	26°35'59	14°52	29°32	14°26	14°54	24♈37	18°44	9♓ 2	28♒ 6	26♐39	24°45	25°54	24°51	n.a.	T 2
F 3	21 58 22	27°35'37	28°23	1♍13	15°41	15°38	24°36	18°46	9° 0	28° 4	26°39	24°R46	25°51	24°58	n.a.	F 3
S 4	22 2 19	28°35'16	12♐17	2°53	16°56	16°22	24°34	18°49	8°58	28° 3	26°38	24°45	25°48	25° 4	n.a.	S 4
S 5	22 6 15	29°34'58	26°32	4°33	18°11	17° 6	24°32	18°52	8°55	28° 1	26°38	24°43	25°45	25°11	n.a.	S 5
M 6	22 10 12	0♍34'42	11♑ 8	6°12	19°26	17°50	24°30	18°55	8°53	27°59	26°37	24°40	25°42	25°18	n.a.	M 6
T 7	22 14 8	1°34'27	25°59	7°50	20°42	18°34	24°28	18°58	8°50	27°58	26°37	24°37	25°39	25°24	n.a.	T 7
W 8	22 18 5	2°34'14	10♒59	9°28	21°57	19°18	24°25	19° 1	8°48	27°56	26°36	24°34	25°35	25°31	n.a.	W 8
T 9	22 22 2	3°34'03	25°58	11° 5	23°12	20° 3	24°22	19° 4	8°45	27°54	26°36	24°32	25°32	25°38	n.a.	T 9
F 10	22 25 58	4°33'54	10♓49	12°41	24°28	20°47	24°20	19° 8	8°43	27°53	26°36	24°30	25°29	25°44	n.a.	F 10
S 11	22 29 55	5°33'48	25°23	14°17	25°43	21°31	24°17	19°11	8°41	27°51	26°35	24°D30	25°26	25°51	n.a.	S 11
S 12	22 33 51	6°33'43	9♈35	15°52	26°58	22°16	24°13	19°15	8°38	27°49	26°35	24°30	25°23	25°58	n.a.	S 12
M13	22 37 48	7°33'41	23°21	17°26	28°14	23° 0	24°10	19°18	8°36	27°48	26°35	24°31	25°19	26° 5	n.a.	M13
T 14	22 41 44	8°33'41	6♉41	19° 0	29°29	23°45	24° 6	19°22	8°33	27°46	26°34	24°33	25°16	26°11	n.a.	T 14
W15	22 45 41	9°33'43	19°37	20°34	0♍44	24°30	24° 2	19°26	8°31	27°44	26°34	24°34	25°13	26°18	n.a.	W15
T 16	22 49 37	10°33'48	2♊11	22° 7	2° 0	25°14	23°58	19°29	8°28	27°43	26°34	24°35	25°10	26°25	n.a.	T 16
F 17	22 53 34	11°33'55	14°27	23°39	3°15	25°59	23°54	19°33	8°26	27°41	26°34	24°R35	25° 7	26°31	n.a.	F 17
S 18	22 57 30	12°34'05	26°31	25°11	4°31	26°44	23°50	19°37	8°23	27°39	26°34	24°34	25° 4	26°38	n.a.	S 18
S 19	23 1 27	13°34'16	8♋26	26°42	5°46	27°29	23°45	19°41	8°21	27°38	26°34	24°33	25° 0	26°45	n.a.	S 19
M20	23 5 24	14°34'30	20°17	28°13	7° 2	28°14	23°40	19°45	8°18	27°36	26°34	24°32	24°57	26°51	n.a.	M20
T 21	23 9 20	15°34'46	2♌ 8	29°43	8°17	28°59	23°35	19°50	8°16	27°35	26°34	24°31	24°54	26°58	n.a.	T 21
W22	23 13 17	16°35'04	14° 2	1♎13	9°33	29°44	23°30	19°54	8°14	27°33	26°D34	24°29	24°51	27° 5	n.a.	W22
T 23	23 17 13	17°35'24	26° 3	2°43	10°48	0♏29	23°25	19°58	8°11	27°32	26°34	24°28	24°48	27°12	n.a.	T 23
F 24	23 21 10	18°35'46	8♍12	4°11	12° 4	1°15	23°20	20° 3	8° 9	27°30	26°34	24°28	24°45	27°18	n.a.	F 24
S 25	23 25 6	19°36'10	20°32	5°40	13°19	2° 0	23°14	20° 7	8° 6	27°28	26°34	24°D28	24°41	27°25	n.a.	S 25
S 26	23 29 3	20°36'36	3♎ 3	7° 7	14°35	2°45	23° 8	20°12	8° 4	27°27	26°34	24°28	24°38	27°32	n.a.	S 26
M27	23 32 59	21°37'03	15°46	8°35	15°51	3°31	23° 2	20°17	8° 2	27°25	26°34	24°28	24°35	27°38	n.a.	M27
T 28	23 36 56	22°37'33	28°42	10° 1	17° 6	4°16	22°56	20°21	7°59	27°24	26°34	24°28	24°32	27°45	n.a.	T 28
W29	23 40 52	23°38'04	11♏52	11°27	18°22	5° 2	22°50	20°26	7°57	27°22	26°34	24°28	24°29	27°52	n.a.	W29
T 30	23 44 49	24♍38'36	25♏16	12♎53	19♍37	5♏47	22♈44	20♏31	7♓55	27♒21	26♐34	24°R28	24♍25	27♋58	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n13	9s19	3n 9	13n33	1n11	18n28	1n22	6s12	0s33	8n29	1s19	16s29	1n16	9s 4	0s49	13s57	1s44	31s 0	7s11	2n 8	1n38	17n 7		n.a.
T 2	12 52	12 44	4 2	12 52	1 6	18 6	1 23	6 30	0 34	8 29	1 19	16 30	1 15	9 4	0 49	13 58	1 44	31 0	7 11	2 7	1 39	17 6		n.a.
F 3	12 31	15 34	4 42	12 10	1 0	17 44	1 23	6 48	0 35	8 28	1 19	16 31	1 15	9 5	0 49	13 59	1 44	31 0	7 11	2 7	1 41	17 5		n.a.
S 4	12 10	17 35	5 7	11 28	0 54	17 22	1 24	7 5	0 36	8 27	1 19	16 31	1 15	9 6	0 49	13 59	1 44	30 59	7 11	2 7	1 42	17 5		n.a.
S 5	11 49	18 35	5 14	10 46	0 48	16 59	1 24	7 23	0 36	8 26	1 20	16 32	1 15	9 7	0 49	14 0	1 44	30 59	7 10	2 8	1 43	17 4		n.a.
M 6	11 28	18 22	5 2	10 3	0 42	16 35	1 25	7 41	0 37	8 25	1 20	16 33	1 15	9 8	0 49	14 0	1 44	30 59	7 10	2 9	1 44	17 3		n.a.
T 7	11 6	16 55	4 29	9 20	0 36	16 11	1 25	7 59	0 38	8 25	1 20	16 34	1 14	9 9	0 49	14 1	1 44	30 59	7 10	2 10	1 46	17 2		n.a.
W 8	10 44	14 18	3 37	8 37	0 30	15 47	1 26	8 17	0 38	8 23	1 20	16 36	1 14	9 10	0 49	14 2	1 44	30 59	7 10	2 12	1 47	17 2		n.a.
T 9	10 22	10 43	2 31	7 54	0 23	15 22	1 26	8 34	0 39	8 22	1 20	16 37	1 14	9 11	0 49	14 2	1 44	30 59	7 10	2 13	1 48	17 1		n.a.
F 10	10 0	6 29	1 15	7 11	0 17	14 57	1 26	8 52	0 40	8 21	1 20	16 38	1 14	9 12	0 49	14 3	1 44	30 59	7 10	2 13	1 50	17 0		n.a.
S 11	9 38	1 56	0s 5	6 27	0 10	14 31	1 26	9 9	0 40	8 20	1 20	16 39	1 14	9 13	0 49	14 3	1 44	30 59	7 10	2 13	1 51	16 59		n.a.
S 12	9 16	2n36	1 22	5 44	0 4	14 5	1 26	9 27	0 41	8 19	1 20	16 40	1 13	9 14	0 49	14 4	1 44	30 58	7 10	2 13	1 52	16 58		n.a.
M13	8 53	6 52	2 33	5 0	0s 3	13 39	1 26	9 44	0 42	8 17	1 20	16 41	1 13	9 15	0 49	14 4	1 44	30 58	7 10	2 13	1 53	16 58		n.a.
T 14	8 30	10 38	3 33	4 17	0 10	13 12	1 26	10 2	0 42	8 16	1 21	16 42	1 13	9 16	0 49	14 5	1 44	30 58	7 9	2 12	1 55	16 57		n.a.
W15	8 7	13 47	4 20	3 33	0 16	12 44	1 26	10 19	0 43	8 14	1 21	16 44	1 13	9 17	0 49	14 6	1 44	30 58	7 9	2 12	1 56	16 56		n.a.
T 16	7 44	16 11	4 53	2 50	0 23	12 17	1 26	10 36	0 44	8 13	1 21	16 45	1 13	9 18	0 49	14 6	1 44	30 58	7 9	2 11	1 57	16 55		n.a.
F 17	7 21	17 46	5 12	2 7	0 30	11 49	1 26	10 54	0 44	8 11	1 21	16 46	1 13	9 18	0 49	14 7	1 44	30 58	7 9	2 11	1 58	16 54		n.a.
S 18	6 58	18 32	5 17	1 24	0 36	11 21	1 25	11 11	0 45	8 9	1 21	16 47	1 12	9 19	0 49	14 7	1 44	30 58	7 9	2 12	2 0	16 54		n.a.
S 19	6 34	18 28	5 8	0 41	0 43	10 52	1 25	11 28	0 45	8 7	1 21	16 49	1 12	9 20	0 49	14 8	1 44	30 58	7 9	2 12	2 1	16 53		n.a.
M20	6 11	17 36	4 45	0s 2	0 50	10 23	1 24	11 45	0 46	8 6	1 21	16 50	1 12	9 21	0 49	14 8	1 44	30 57	7 9	2 12	2 2	16 52		n.a.
T 21	5 47	15 57	4 11	0 45	0 56	9 54	1 24	12 2	0 47	8 4	1 21	16 51	1 12	9 22	0 49	14 9	1 44	30 57	7 9	2 13	2 4	16 51		n.a.
W22	5 23	13 37	3 26	1 27	1 3	9 25	1 23	12 19	0 47	8 2	1 21	16 52	1 12	9 23	0 49	14 9	1 44	30 57	7 8	2 14	2 5	16 50		n.a.
T 23	4 59	10 41	2 31	2 9	1 9	8 55	1 23	12 35	0 48	8 0	1 21	16 54	1 12	9 24	0 49	14 10	1 44	30 57	7 8	2 14	2 6	16 49		n.a.
F 24	4 35	7 16	1 29	2 51	1 16	8 25	1 22	12 52	0 48	7 58	1 21	16 55	1 11	9 25	0 49	14 11	1 44	30 57	7 8	2 14	2 7	16 49		n.a.
S 25	4 11	3 29	0 22	3 32	1 22	7 55	1 21	13 8	0 49	7 55	1 21	16 57	1 11	9 26	0 49	14 11	1 44	30 57	7 8	2 14	2 9	16 48		n.a.
S 26	3 47	0s30	0n48	4 13	1 28	7 24	1 20	13 25	0 50	7 53	1 21	16 58	1 11	9 27	0 49	14 12	1 44	30 57	7 8	2 14	2 10	16 47		n.a.
M27	3 23	4 32	1 56	4 54	1 34	6 54	1 20	13 41	0 50	7 51	1 22	16 59	1 11	9 28	0 49	14 12	1 44	30 57	7 8	2 14	2 11	16 46		n.a.
T 28	2 59	8 25	2 59	5 34	1 40	6 23	1 19	13 58	0 51	7 49	1 22	17 1	1 11	9 28	0 49	14 13	1 44	30 56	7 8	2 14	2 13	16 45		n.a.
W29	2 34	11 57	3 54	6 13	1 46	5 52	1 18	14 14	0 51	7 46	1 22	17 2	1 11	9 29	0 49	14 13	1 44	30 56	7 8	2 14	2 14	16 44		n.a.
T 30	2n10	14s56	4n37	6s52	1s51	5n21	1n17	14s30	0s52	7n44	1s22	17s 4	1n10	9s30	0s49	14s14	1s44	30s56	7s 7	2n14	2n15	16n44		n.a.

Julian Day Number = 1199724.5, Delta T = 09h23m46s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°47'02, Lahiri = -23°40'01 Julian Calendar 1 Sept. 1429 BCE == Greg. Calendar 19 Aug. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

OCTOBER 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 48 46	25♍39'10	8♐53	14♎17	20♍53	6♏33	22°R37	20♏36	7°R52	27°R20	26♐35	24°R28	24♍22	28♋ 5	n.a.	F 1
S 2	23 52 42	26°39'46	22°45	15°41	22° 9	7°19	22♈31	20°41	7♓50	27♒18	26°35	24°D28	24°19	28°12	n.a.	S 2
S 3	23 56 39	27°40'22	6♑50	17° 4	23°24	8° 4	22°24	20°46	7°48	27°17	26°35	24♍28	24°16	28°19	n.a.	S 3
M 4	0 0 35	28°41'01	21° 7	18°26	24°40	8°50	22°17	20°51	7°45	27°15	26°35	24°28	24°13	28°25	n.a.	M 4
T 5	0 4 32	29°41'40	5♒33	19°47	25°55	9°36	22°10	20°56	7°43	27°14	26°36	24°29	24°10	28°32	n.a.	T 5
W 6	0 8 28	0♎42'21	20° 5	21° 7	27°11	10°22	22° 3	21° 2	7°41	27°13	26°36	24°29	24° 6	28°39	n.a.	W 6
T 7	0 12 25	1°43'03	4♓38	22°25	28°27	11° 8	21°56	21° 7	7°39	27°11	26°37	24°30	24° 3	28°45	n.a.	T 7
F 8	0 16 21	2°43'47	19° 6	23°42	29°42	11°54	21°49	21°12	7°37	27°10	26°37	24°R30	24° 0	28°52	n.a.	F 8
S 9	0 20 18	3°44'32	3♈23	24°57	0♎58	12°40	21°41	21°18	7°35	27° 9	26°37	24°30	23°57	28°59	n.a.	S 9
S 10	0 24 15	4°45'18	17°25	26°11	2°14	13°26	21°34	21°23	7°32	27° 7	26°38	24°30	23°54	29° 5	n.a.	S 10
M11	0 28 11	5°46'06	1♉ 7	27°22	3°29	14°12	21°26	21°29	7°30	27° 6	26°38	24°28	23°50	29°12	n.a.	M11
T 12	0 32 8	6°46'56	14°28	28°31	4°45	14°58	21°18	21°35	7°28	27° 5	26°39	24°27	23°47	29°19	n.a.	T 12
W13	0 36 4	7°47'47	27°27	29°37	6° 0	15°44	21°11	21°40	7°26	27° 4	26°39	24°25	23°44	29°26	n.a.	W13
T 14	0 40 1	8°48'40	10♊ 5	0♏41	7°16	16°30	21° 3	21°46	7°24	27° 3	26°40	24°23	23°41	29°32	n.a.	T 14
F 15	0 43 57	9°49'34	22°25	1°40	8°32	17°17	20°55	21°52	7°22	27° 2	26°41	24°22	23°38	29°39	n.a.	F 15
S 16	0 47 54	10°50'30	4♋31	2°36	9°47	18° 3	20°47	21°58	7°20	27° 0	26°41	24°21	23°35	29°46	n.a.	S 16
S 17	0 51 50	11°51'28	16°27	3°27	11° 3	18°49	20°39	22° 4	7°18	26°59	26°42	24°D21	23°31	29°52	n.a.	S 17
M18	0 55 47	12°52'27	28°18	4°13	12°19	19°36	20°31	22°10	7°17	26°58	26°43	24°22	23°28	29°59	n.a.	M18
T 19	0 59 44	13°53'28	10♌ 9	4°53	13°34	20°22	20°23	22°16	7°15	26°57	26°43	24°23	23°25	0♌ 6	n.a.	T 19
W20	1 3 40	14°54'29	22° 5	5°26	14°50	21° 9	20°15	22°22	7°13	26°56	26°44	24°25	23°22	0°12	n.a.	W20
T 21	1 7 37	15°55'33	4♍10	5°53	16° 6	21°55	20° 7	22°28	7°11	26°55	26°45	24°26	23°19	0°19	n.a.	T 21
F 22	1 11 33	16°56'37	16°27	6°11	17°21	22°42	19°58	22°34	7° 9	26°54	26°46	24°27	23°16	0°26	n.a.	F 22
S 23	1 15 30	17°57'43	28°59	6°R19	18°37	23°28	19°50	22°40	7° 8	26°53	26°47	24°R27	23°12	0°33	n.a.	S 23
S 24	1 19 26	18°58'50	11♎47	6°19	19°52	24°15	19°42	22°46	7° 6	26°52	26°47	24°26	23° 9	0°39	n.a.	S 24
M25	1 23 23	19°59'57	24°53	6° 7	21° 8	25° 2	19°34	22°53	7° 4	26°52	26°48	24°24	23° 6	0°46	n.a.	M25
T 26	1 27 19	21° 1'06	8♏15	5°45	22°24	25°48	19°26	22°59	7° 3	26°51	26°49	24°20	23° 3	0°53	n.a.	T 26
W27	1 31 16	22° 2'16	21°51	5°11	23°39	26°35	19°18	23° 5	7° 1	26°50	26°50	24°16	23° 0	0°59	n.a.	W27
T 28	1 35 13	23° 3'26	5♐39	4°26	24°55	27°22	19° 9	23°12	7° 0	26°49	26°51	24°11	22°56	1° 6	n.a.	T 28
F 29	1 39 9	24° 4'38	19°37	3°31	26°10	28° 9	19° 1	23°18	6°58	26°48	26°52	24° 7	22°53	1°13	n.a.	F 29
S 30	1 43 6	25° 5'49	3♑40	2°26	27°26	28°55	18°53	23°25	6°57	26°48	26°53	24° 4	22°50	1°19	n.a.	S 30
S 31	1 47 2	26♎ 7'02	17♑47	1♏13	28♎42	29♏42	18♈45	23♏31	6♓56	26♒47	26♐54	24♍ 2	22♍47	1♌26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n45	17s 8	5n 6	7s31	1s57	4n50	1n15	14s46	0s52	7n41	1s22	17s 5	1n10	9s31	0s49	14s14	1s44	30s56	7s 7	2n14	2n16	16n43		n.a.
S 2	1 21	18 23	5 17	8 8	2 2	4 18	1 14	15 1	0 53	7 39	1 22	17 7	1 10	9 32	0 49	14 15	1 44	30 56	7 7	2 14	2 18	16 42		n.a.
S 3	0 56	18 31	5 10	8 45	2 6	3 47	1 13	15 17	0 53	7 36	1 22	17 8	1 10	9 33	0 49	14 15	1 44	30 56	7 7	2 14	2 19	16 41		n.a.
M 4	0 32	17 30	4 44	9 22	2 11	3 15	1 12	15 33	0 54	7 34	1 22	17 10	1 10	9 34	0 49	14 16	1 44	30 56	7 7	2 14	2 20	16 40		n.a.
T 5	0 7	15 21	4 0	9 57	2 15	2 43	1 10	15 48	0 54	7 31	1 22	17 11	1 10	9 34	0 49	14 16	1 44	30 56	7 7	2 14	2 22	16 39		n.a.
W 6	0s17	12 12	3 0	10 31	2 19	2 12	1 9	16 3	0 55	7 28	1 22	17 13	1 9	9 35	0 49	14 16	1 44	30 55	7 7	2 14	2 23	16 38		n.a.
T 7	0 42	8 18	1 48	11 5	2 23	1 40	1 8	16 18	0 55	7 26	1 22	17 14	1 9	9 36	0 49	14 17	1 44	30 55	7 7	2 13	2 24	16 38		n.a.
F 8	1 6	3 56	0 30	11 37	2 26	1 8	1 6	16 33	0 56	7 23	1 22	17 16	1 9	9 37	0 49	14 17	1 44	30 55	7 6	2 13	2 25	16 37		n.a.
S 9	1 31	0n37	0s49	12 8	2 29	0 36	1 5	16 48	0 56	7 20	1 22	17 18	1 9	9 38	0 49	14 18	1 44	30 55	7 6	2 13	2 27	16 36		n.a.
S 10	1 55	5 3	2 4	12 37	2 31	0 4	1 3	17 3	0 57	7 17	1 22	17 19	1 9	9 38	0 49	14 18	1 44	30 55	7 6	2 13	2 28	16 35		n.a.
M11	2 20	9 7	3 9	13 5	2 33	0s28	1 1	17 17	0 57	7 15	1 22	17 21	1 9	9 39	0 49	14 19	1 44	30 55	7 6	2 14	2 29	16 34		n.a.
T 12	2 44	12 36	4 3	13 32	2 34	1 0	1 0	17 32	0 58	7 12	1 22	17 22	1 9	9 40	0 49	14 19	1 44	30 55	7 6	2 15	2 31	16 33		n.a.
W13	3 9	15 21	4 42	13 57	2 35	1 32	0 58	17 46	0 58	7 9	1 22	17 24	1 8	9 41	0 49	14 19	1 44	30 55	7 6	2 15	2 32	16 32		n.a.
T 14	3 33	17 18	5 7	14 19	2 35	2 5	0 56	18 0	0 59	7 6	1 22	17 26	1 8	9 41	0 49	14 20	1 43	30 55	7 6	2 16	2 33	16 32		n.a.
F 15	3 58	18 23	5 16	14 40	2 34	2 36	0 54	18 14	0 59	7 3	1 21	17 27	1 8	9 42	0 49	14 20	1 43	30 54	7 6	2 17	2 34	16 31		n.a.
S 16	4 22	18 36	5 11	14 58	2 32	3 8	0 53	18 27	0 59	7 0	1 21	17 29	1 8	9 43	0 49	14 20	1 43	30 54	7 5	2 17	2 36	16 30		n.a.
S 17	4 46	17 59	4 53	15 14	2 30	3 40	0 51	18 41	1 0	6 57	1 21	17 31	1 8	9 44	0 49	14 21	1 43	30 54	7 5	2 17	2 37	16 29		n.a.
M18	5 10	16 35	4 23	15 26	2 26	4 12	0 49	18 54	1 0	6 54	1 21	17 32	1 8	9 44	0 48	14 21	1 43	30 54	7 5	2 17	2 38	16 28		n.a.
T 19	5 34	14 28	3 41	15 36	2 22	4 44	0 47	19 7	1 1	6 51	1 21	17 34	1 8	9 45	0 48	14 21	1 43	30 54	7 5	2 16	2 39	16 27		n.a.
W20	5 58	11 44	2 49	15 42	2 16	5 15	0 45	19 20	1 1	6 48	1 21	17 36	1 7	9 46	0 48	14 22	1 43	30 54	7 5	2 16	2 41	16 26		n.a.
T 21	6 22	8 27	1 50	15 44	2 9	5 47	0 43	19 33	1 1	6 45	1 21	17 38	1 7	9 46	0 48	14 22	1 43	30 54	7 5	2 15	2 42	16 25		n.a.
F 22	6 46	4 46	0 44	15 42	2 0	6 18	0 41	19 46	1 2	6 42	1 21	17 39	1 7	9 47	0 48	14 22	1 43	30 54	7 5	2 14	2 43	16 24		n.a.
S 23	7 10	0 48	0n25	15 36	1 50	6 49	0 39	19 58	1 2	6 39	1 21	17 41	1 7	9 47	0 48	14 23	1 43	30 54	7 5	2 14	2 45	16 23		n.a.
S 24	7 34	3s18	1 34	15 24	1 39	7 21	0 36	20 10	1 2	6 36	1 21	17 43	1 7	9 48	0 48	14 23	1 43	30 54	7 4	2 15	2 46	16 23		n.a.
M25	7 57	7 20	2 40	15 8	1 26	7 51	0 34	20 22	1 3	6 33	1 21	17 44	1 7	9 49	0 48	14 23	1 43	30 53	7 4	2 16	2 47	16 22		n.a.
T 26	8 21	11 4	3 38	14 47	1 11	8 22	0 32	20 34	1 3	6 30	1 20	17 46	1 7	9 49	0 48	14 23	1 43	30 53	7 4	2 17	2 48	16 21		n.a.
W27	8 44	14 18	4 24	14 20	0 54	8 53	0 30	20 46	1 3	6 27	1 20	17 48	1 7	9 50	0 48	14 24	1 43	30 53	7 4	2 19	2 50	16 20		n.a.
T 28	9 7	16 45	4 57	13 48	0 37	9 23	0 28	20 57	1 4	6 24	1 20	17 50	1 6	9 50	0 48	14 24	1 43	30 53	7 4	2 21	2 51	16 19		n.a.
F 29	9 30	18 16	5 12	13 11	0 18	9 53	0 25	21 8	1 4	6 21	1 20	17 51	1 6	9 51	0 48	14 24	1 43	30 53	7 4	2 22	2 52	16 18		n.a.
S 30	9 53	18 40	5 8	12 30	0n 2	10 23	0 23	21 19	1 4	6 18	1 20	17 53	1 6	9 51	0 48	14 24	1 43	30 53	7 4	2 24	2 54	16 17		n.a.
S 31	10s15	17s55	4n46	11s45	0n23	10s52	0n21	21s30	1s 5	6n15	1s20	17s55	1n 6	9s52	0s48	14s25	1s43	30s53	7s 4	2n24	2n55	16n16		n.a.

Julian Day Number = 1199754.5, Delta T = 09h23m44s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'57, Lahiri = -23°39'57 Julian Calendar 1 Oct. 1429 BCE == Greg. Calendar 18 Sept. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

NOVEMBER 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 50 59	27♎ 8'14	1♒56	29°R54	29♎57	0♐29	18°R37	23♏38	6°R54	26°R46	26♐55	24°D 2	22♍44	1♌33	n.a.	M 1
T 2	1 54 55	28° 9'27	16° 5	28♎32	1♏13	1°16	18♈29	23°44	6♓53	26♒46	26°56	24♍ 3	22°41	1°39	n.a.	T 2
W 3	1 58 52	29°10'40	0♓12	27° 9	2°28	2° 3	18°21	23°51	6°52	26°45	26°57	24° 5	22°37	1°46	n.a.	W 3
T 4	2 2 48	0♏11'54	14°16	25°48	3°44	2°50	18°13	23°58	6°50	26°45	26°58	24° 6	22°34	1°53	n.a.	T 4
F 5	2 6 45	1°13'07	28°15	24°33	4°59	3°37	18° 5	24° 4	6°49	26°44	27° 0	24°R 6	22°31	2° 0	n.a.	F 5
S 6	2 10 42	2°14'22	12♈ 5	23°24	6°15	4°24	17°58	24°11	6°48	26°44	27° 1	24° 5	22°28	2° 6	n.a.	S 6
S 7	2 14 38	3°15'36	25°44	22°25	7°30	5°11	17°50	24°18	6°47	26°43	27° 2	24° 2	22°25	2°13	n.a.	S 7
M 8	2 18 35	4°16'51	9♉11	21°35	8°46	5°58	17°43	24°25	6°46	26°43	27° 3	23°56	22°22	2°20	n.a.	M 8
T 9	2 22 31	5°18'07	22°21	20°57	10° 1	6°45	17°35	24°31	6°45	26°42	27° 4	23°49	22°18	2°26	n.a.	T 9
W10	2 26 28	6°19'23	5♊14	20°29	11°17	7°32	17°28	24°38	6°44	26°42	27° 6	23°41	22°15	2°33	n.a.	W10
T 11	2 30 24	7°20'39	17°51	20°12	12°32	8°19	17°20	24°45	6°43	26°42	27° 7	23°33	22°12	2°40	n.a.	T 11
F 12	2 34 21	8°21'56	0♋11	20°D 5	13°48	9° 6	17°13	24°52	6°43	26°41	27° 8	23°26	22° 9	2°46	n.a.	F 12
S 13	2 38 18	9°23'14	12°17	20° 9	15° 3	9°53	17° 6	24°59	6°42	26°41	27° 9	23°20	22° 6	2°53	n.a.	S 13
S 14	2 42 14	10°24'32	24°14	20°21	16°19	10°40	16°59	25° 6	6°41	26°41	27°11	23°17	22° 2	3° 0	n.a.	S 14
M15	2 46 11	11°25'50	6♌ 5	20°42	17°34	11°27	16°52	25°13	6°40	26°41	27°12	23°15	21°59	3° 6	n.a.	M15
T 16	2 50 7	12°27'09	17°55	21°10	18°50	12°15	16°46	25°20	6°40	26°41	27°13	23°D15	21°56	3°13	n.a.	T 16
W17	2 54 4	13°28'28	29°49	21°45	20° 5	13° 2	16°39	25°27	6°39	26°40	27°15	23°16	21°53	3°20	n.a.	W17
T 18	2 58 0	14°29'47	11♍54	22°26	21°20	13°49	16°33	25°34	6°39	26°40	27°16	23°17	21°50	3°27	n.a.	T 18
F 19	3 1 57	15°31'06	24°13	23°12	22°36	14°36	16°26	25°41	6°38	26°40	27°18	23°R18	21°47	3°33	n.a.	F 19
S 20	3 5 53	16°32'26	6♎52	24° 3	23°51	15°23	16°20	25°48	6°38	26°D40	27°19	23°17	21°43	3°40	n.a.	S 20
S 21	3 9 50	17°33'46	19°52	24°58	25° 7	16°10	16°14	25°55	6°37	26°40	27°21	23°13	21°40	3°47	n.a.	S 21
M22	3 13 47	18°35'05	3♏15	25°58	26°22	16°58	16° 8	26° 2	6°37	26°40	27°22	23° 8	21°37	3°53	n.a.	M22
T 23	3 17 43	19°36'25	17° 0	27° 0	27°37	17°45	16° 3	26° 9	6°37	26°40	27°24	23° 0	21°34	4° 0	n.a.	T 23
W24	3 21 40	20°37'45	1♐ 4	28° 5	28°53	18°32	15°57	26°16	6°37	26°41	27°25	22°50	21°31	4° 7	n.a.	W24
T 25	3 25 36	21°39'04	15°23	29°13	0♐ 8	19°19	15°52	26°23	6°36	26°41	27°27	22°40	21°27	4°13	n.a.	T 25
F 26	3 29 33	22°40'23	29°49	0♏24	1°23	20° 7	15°47	26°30	6°36	26°41	27°28	22°30	21°24	4°20	n.a.	F 26
S 27	3 33 29	23°41'42	14♑16	1°36	2°39	20°54	15°42	26°37	6°36	26°41	27°30	22°23	21°21	4°27	n.a.	S 27
S 28	3 37 26	24°43'00	28°40	2°50	3°54	21°41	15°37	26°44	6°D36	26°41	27°31	22°17	21°18	4°33	n.a.	S 28
M29	3 41 23	25°44'17	12♒56	4° 6	5° 9	22°28	15°32	26°51	6°36	26°42	27°33	22°14	21°15	4°40	n.a.	M29
T 30	3 45 19	26♏45'33	27♒ 2	5♏24	6♐25	23♐15	15♈28	26♏58	6♓36	26♒42	27♐34	22°D14	21♍12	4♌47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s38	16s 4	4n 7	10s58	0n43	11s22	0n19	21s40	1s 5	6n12	1s20	17s57	1n 6	9s52	0s48	14s25	1s43	30s53	7s 4	2n24	2n56	16n15		n.a.
T 2	11 0	13 14	3 13	10 9	1 3	11 51	0 16	21 50	1 5	6 9	1 19	17 58	1 6	9 53	0 48	14 25	1 43	30 53	7 4	2 24	2 57	16 14		n.a.
W 3	11 22	9 37	2 7	9 21	1 23	12 19	0 14	22 0	1 6	6 6	1 19	18 0	1 6	9 53	0 48	14 25	1 43	30 53	7 3	2 23	2 59	16 13		n.a.
T 4	11 44	5 29	0 53	8 35	1 41	12 48	0 12	22 10	1 6	6 3	1 19	18 2	1 6	9 54	0 48	14 25	1 43	30 53	7 3	2 23	3 0	16 12		n.a.
F 5	12 6	1 3	0s23	7 52	1 57	13 16	0 9	22 20	1 6	6 0	1 19	18 4	1 6	9 54	0 48	14 25	1 43	30 53	7 3	2 23	3 1	16 11		n.a.
S 6	12 28	3n23	1 36	7 13	2 11	13 44	0 7	22 29	1 6	5 57	1 19	18 6	1 5	9 54	0 48	14 25	1 43	30 53	7 3	2 23	3 2	16 10		n.a.
S 7	12 49	7 35	2 43	6 40	2 23	14 11	0 5	22 38	1 7	5 55	1 18	18 7	1 5	9 55	0 48	14 26	1 42	30 53	7 3	2 25	3 4	16 10		n.a.
M 8	13 10	11 20	3 40	6 12	2 33	14 38	0 2	22 47	1 7	5 52	1 18	18 9	1 5	9 55	0 48	14 26	1 42	30 52	7 3	2 27	3 5	16 9		n.a.
T 9	13 31	14 26	4 24	5 50	2 41	15 5	0s 0	22 55	1 7	5 49	1 18	18 11	1 5	9 55	0 48	14 26	1 42	30 52	7 3	2 30	3 6	16 8		n.a.
W10	13 52	16 45	4 53	5 35	2 46	15 31	0 3	23 3	1 7	5 47	1 18	18 13	1 5	9 56	0 48	14 26	1 42	30 52	7 3	2 33	3 8	16 7		n.a.
T 11	14 12	18 12	5 7	5 25	2 50	15 57	0 5	23 11	1 8	5 44	1 18	18 14	1 5	9 56	0 48	14 26	1 42	30 52	7 3	2 36	3 9	16 6		n.a.
F 12	14 32	18 45	5 7	5 20	2 52	16 22	0 7	23 19	1 8	5 41	1 17	18 16	1 5	9 56	0 48	14 26	1 42	30 52	7 3	2 39	3 10	16 5		n.a.
S 13	14 52	18 26	4 52	5 21	2 53	16 47	0 10	23 27	1 8	5 39	1 17	18 18	1 5	9 57	0 48	14 26	1 42	30 52	7 3	2 41	3 11	16 4		n.a.
S 14	15 12	17 18	4 25	5 27	2 52	17 12	0 12	23 34	1 8	5 36	1 17	18 20	1 5	9 57	0 48	14 26	1 42	30 52	7 3	2 43	3 13	16 3		n.a.
M15	15 32	15 25	3 47	5 36	2 50	17 36	0 14	23 41	1 8	5 34	1 17	18 22	1 5	9 57	0 48	14 26	1 42	30 52	7 2	2 44	3 14	16 2		n.a.
T 16	15 51	12 54	2 59	5 50	2 47	18 0	0 17	23 47	1 8	5 32	1 16	18 23	1 5	9 57	0 47	14 26	1 42	30 52	7 2	2 44	3 15	16 1		n.a.
W17	16 10	9 49	2 3	6 7	2 43	18 23	0 19	23 54	1 9	5 29	1 16	18 25	1 4	9 57	0 47	14 26	1 42	30 52	7 2	2 43	3 16	16 0		n.a.
T 18	16 28	6 17	1 1	6 26	2 38	18 45	0 21	24 0	1 9	5 27	1 16	18 27	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 43	3 18	15 59		n.a.
F 19	16 46	2 25	0n 5	6 49	2 33	19 8	0 24	24 6	1 9	5 25	1 16	18 29	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 42	3 19	15 58		n.a.
S 20	17 4	1s40	1 12	7 13	2 27	19 29	0 26	24 11	1 9	5 23	1 15	18 30	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 43	3 20	15 57		n.a.
S 21	17 22	5 47	2 18	7 39	2 21	19 50	0 28	24 16	1 9	5 20	1 15	18 32	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 44	3 22	15 56		n.a.
M22	17 40	9 44	3 17	8 7	2 14	20 11	0 31	24 21	1 9	5 18	1 15	18 34	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 46	3 23	15 55		n.a.
T 23	17 57	13 16	4 7	8 37	2 7	20 31	0 33	24 26	1 9	5 16	1 15	18 36	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 50	3 24	15 54		n.a.
W24	18 13	16 7	4 43	9 7	2 0	20 50	0 35	24 31	1 10	5 15	1 14	18 37	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 54	3 25	15 53		n.a.
T 25	18 30	18 2	5 2	9 38	1 52	21 9	0 37	24 35	1 10	5 13	1 14	18 39	1 4	9 58	0 47	14 26	1 42	30 52	7 2	2 58	3 27	15 52		n.a.
F 26	18 46	18 50	5 2	10 11	1 45	21 27	0 39	24 39	1 10	5 11	1 14	18 41	1 4	9 58	0 47	14 25	1 42	30 52	7 2	3 1	3 28	15 51		n.a.
S 27	19 1	18 24	4 43	10 43	1 37	21 44	0 42	24 42	1 10	5 9	1 13	18 43	1 4	9 58	0 47	14 25	1 41	30 52	7 2	3 5	3 29	15 50		n.a.
S 28	19 17	16 47	4 6	11 16	1 29	22 1	0 44	24 45	1 10	5 8	1 13	18 44	1 4	9 58	0 47	14 25	1 41	30 52	7 2	3 7	3 30	15 49		n.a.
M29	19 32	14 8	3 13	11 50	1 22	22 17	0 46	24 48	1 10	5 6	1 13	18 46	1 3	9 58	0 47	14 25	1 41	30 52	7 2	3 8	3 32	15 48		n.a.
T 30	19s46	10s41	2n10	12s24	1n14	22s33	0s48	24s51	1s10	5n 5	1s13	18s48	1n 3	9s58	0s47	14s25	1s41	30s52	7s 2	3n 8	3n33	15n47		n.a.

Julian Day Number = 1199785.5, Delta T = 09h23m42s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'53, Lahiri = -23°39'53 Julian Calendar 1 Nov. 1429 BCE == Greg. Calendar 19 Oct. 1429 BCE

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ASTRODIENST EPHEMERIS for the year 1429 BCE
geocentric

DECEMBER 1429 BCE (-1428) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 49 16	27♏46'48	10♓57	6♏43	7♐40	24♐ 3	15°R23	27♏ 5	6♓36	26♒42	27♐36	22♍14	21♍ 8	4♌53	n.a.	W 1
T 2	3 53 12	28°48'03	24°42	8° 3	8°55	24°50	15♈19	27°12	6°37	26°43	27°38	22°R14	21° 5	5° 0	n.a.	T 2
F 3	3 57 9	29°49'16	8♈16	9°24	10°10	25°37	15°15	27°19	6°37	26°43	27°39	22°13	21° 2	5° 7	n.a.	F 3
S 4	4 1 5	0♐50'29	21°40	10°46	11°26	26°24	15°11	27°26	6°37	26°44	27°41	22°10	20°59	5°14	n.a.	S 4
S 5	4 5 2	1°51'41	4♉54	12°10	12°41	27°12	15° 8	27°34	6°38	26°44	27°43	22° 3	20°56	5°20	n.a.	S 5
M 6	4 8 58	2°52'53	17°57	13°34	13°56	27°59	15° 5	27°41	6°38	26°45	27°44	21°54	20°53	5°27	n.a.	M 6
T 7	4 12 55	3°54'03	0♊49	14°59	15°11	28°46	15° 1	27°48	6°38	26°45	27°46	21°42	20°49	5°34	n.a.	T 7
W 8	4 16 52	4°55'13	13°29	16°25	16°26	29°33	14°58	27°55	6°39	26°46	27°48	21°29	20°46	5°40	n.a.	W 8
T 9	4 20 48	5°56'22	25°56	17°51	17°41	0♋20	14°56	28° 2	6°40	26°47	27°49	21°15	20°43	5°47	n.a.	T 9
F 10	4 24 45	6°57'30	8♋10	19°19	18°57	1° 8	14°53	28° 9	6°40	26°47	27°51	21° 2	20°40	5°54	n.a.	F 10
S 11	4 28 41	7°58'38	20°14	20°47	20°12	1°55	14°51	28°16	6°41	26°48	27°53	20°52	20°37	6° 0	n.a.	S 11
S 12	4 32 38	8°59'44	2♌ 8	22°15	21°27	2°42	14°48	28°23	6°42	26°49	27°55	20°43	20°33	6° 7	n.a.	S 12
M13	4 36 34	10° 0'50	13°58	23°45	22°42	3°29	14°47	28°30	6°42	26°50	27°56	20°38	20°30	6°14	n.a.	M13
T 14	4 40 31	11° 1'55	25°46	25°15	23°57	4°16	14°45	28°37	6°43	26°50	27°58	20°35	20°27	6°20	n.a.	T 14
W15	4 44 28	12° 3'00	7♍39	26°46	25°12	5° 3	14°43	28°44	6°44	26°51	28° 0	20°34	20°24	6°27	n.a.	W15
T 16	4 48 24	13° 4'03	19°41	28°17	26°27	5°50	14°42	28°51	6°45	26°52	28° 2	20°34	20°21	6°34	n.a.	T 16
F 17	4 52 21	14° 5'06	1♎58	29°49	27°42	6°37	14°41	28°58	6°46	26°53	28° 3	20°34	20°18	6°40	n.a.	F 17
S 18	4 56 17	15° 6'08	14°35	1♐22	28°57	7°25	14°40	29° 5	6°47	26°54	28° 5	20°32	20°14	6°47	n.a.	S 18
S 19	5 0 14	16° 7'09	27°37	2°55	0♋12	8°12	14°39	29°11	6°48	26°55	28° 7	20°28	20°11	6°54	n.a.	S 19
M20	5 4 10	17° 8'09	11♏ 6	4°29	1°27	8°59	14°38	29°18	6°49	26°56	28° 9	20°21	20° 8	7° 0	n.a.	M20
T 21	5 8 7	18° 9'08	25° 3	6° 4	2°42	9°46	14°38	29°25	6°50	26°57	28°11	20°11	20° 5	7° 7	n.a.	T 21
W22	5 12 3	19°10'06	9♐25	7°39	3°57	10°33	14°D38	29°32	6°52	26°58	28°12	20° 0	20° 2	7°14	n.a.	W22
T 23	5 16 0	20°11'03	24° 7	9°15	5°12	11°20	14°38	29°39	6°53	26°59	28°14	19°47	19°59	7°21	n.a.	T 23
F 24	5 19 57	21°11'58	9♋ 0	10°52	6°27	12° 7	14°38	29°46	6°54	27° 0	28°16	19°36	19°55	7°27	n.a.	F 24
S 25	5 23 53	22°12'52	23°55	12°29	7°42	12°54	14°39	29°52	6°55	27° 2	28°18	19°26	19°52	7°34	n.a.	S 25
S 26	5 27 50	23°13'44	8♒43	14° 8	8°57	13°41	14°39	29°59	6°57	27° 3	28°20	19°19	19°49	7°41	n.a.	S 26
M27	5 31 46	24°14'35	23°19	15°47	10°11	14°28	14°40	0♐ 6	6°58	27° 4	28°21	19°14	19°46	7°47	n.a.	M27
T 28	5 35 43	25°15'23	7♓36	17°26	11°26	15°14	14°41	0°12	7° 0	27° 5	28°23	19°13	19°43	7°54	n.a.	T 28
W29	5 39 39	26°16'10	21°35	19° 7	12°41	16° 1	14°43	0°19	7° 1	27° 7	28°25	19°12	19°39	8° 1	n.a.	W29
T 30	5 43 36	27°16'55	5♈15	20°48	13°56	16°48	14°44	0°26	7° 3	27° 8	28°27	19°12	19°36	8° 7	n.a.	T 30
F 31	5 47 32	28♐17'39	18♈38	22♐30	15♋11	17♋35	14♈46	0♐32	7♓ 5	27♒ 9	28♐29	19♍11	19♍33	8♌14	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 1	6s40	1n 0	12s58	1n 6	22s48	0s50	24s53	1s10	5n 3	1s12	18s49	1n 3	9s58	0s47	14s25	1s41	30s52	7s 2	3n 8	3n34	15n46		n.a.
T 2	20 15	2 21	0s13	13 32	0 58	23 2	0 52	24 56	1 10	5 2	1 12	18 51	1 3	9 58	0 47	14 24	1 41	30 52	7 2	3 8	3 36	15 45		n.a.
F 3	20 28	2n 3	1 24	14 5	0 50	23 15	0 54	24 57	1 10	5 1	1 12	18 53	1 3	9 58	0 47	14 24	1 41	30 52	7 2	3 8	3 37	15 44		n.a.
S 4	20 41	6 17	2 30	14 39	0 42	23 28	0 56	24 59	1 10	4 59	1 11	18 55	1 3	9 57	0 47	14 24	1 41	30 52	7 2	3 10	3 38	15 43		n.a.
S 5	20 54	10 9	3 26	15 13	0 34	23 40	0 58	25 0	1 10	4 58	1 11	18 56	1 3	9 57	0 47	14 24	1 41	30 52	7 2	3 12	3 39	15 42		n.a.
M 6	21 6	13 28	4 11	15 46	0 27	23 52	1 0	25 1	1 10	4 57	1 11	18 58	1 3	9 57	0 47	14 24	1 41	30 52	7 2	3 16	3 41	15 41		n.a.
T 7	21 18	16 5	4 42	16 19	0 19	24 2	1 2	25 2	1 10	4 56	1 11	19 0	1 3	9 57	0 47	14 23	1 41	30 52	7 2	3 21	3 42	15 40		n.a.
W 8	21 29	17 53	4 58	16 51	0 11	24 12	1 3	25 2	1 10	4 55	1 10	19 1	1 3	9 57	0 47	14 23	1 41	30 52	7 2	3 26	3 43	15 39		n.a.
T 9	21 41	18 48	5 0	17 23	0 4	24 21	1 5	25 2	1 10	4 55	1 10	19 3	1 3	9 56	0 46	14 23	1 41	30 52	7 2	3 32	3 44	15 38		n.a.
F 10	21 51	18 49	4 48	17 55	0s 3	24 30	1 7	25 2	1 10	4 54	1 10	19 5	1 3	9 56	0 46	14 23	1 41	30 52	7 2	3 37	3 46	15 37		n.a.
S 11	22 1	17 58	4 23	18 26	0 11	24 38	1 8	25 1	1 10	4 53	1 9	19 6	1 3	9 56	0 46	14 22	1 41	30 52	7 2	3 41	3 47	15 36		n.a.
S 12	22 11	16 21	3 47	18 56	0 18	24 45	1 10	25 0	1 10	4 53	1 9	19 8	1 3	9 56	0 46	14 22	1 41	30 52	7 2	3 44	3 48	15 35		n.a.
M13	22 21	14 2	3 1	19 26	0 24	24 51	1 12	24 59	1 10	4 52	1 9	19 9	1 3	9 55	0 46	14 22	1 41	30 52	7 2	3 46	3 50	15 34		n.a.
T 14	22 29	11 9	2 7	19 55	0 31	24 56	1 13	24 58	1 10	4 52	1 8	19 11	1 3	9 55	0 46	14 21	1 41	30 52	7 2	3 48	3 51	15 33		n.a.
W15	22 38	7 48	1 8	20 23	0 38	25 1	1 14	24 56	1 10	4 51	1 8	19 13	1 3	9 54	0 46	14 21	1 41	30 52	7 2	3 48	3 52	15 32		n.a.
T 16	22 46	4 5	0 5	20 51	0 44	25 5	1 16	24 54	1 10	4 51	1 8	19 14	1 3	9 54	0 46	14 21	1 41	30 52	7 2	3 48	3 53	15 31		n.a.
F 17	22 54	0 7	1n 0	21 17	0 50	25 8	1 17	24 51	1 10	4 51	1 7	19 16	1 2	9 54	0 46	14 20	1 40	30 52	7 2	3 48	3 55	15 30		n.a.
S 18	23 1	3s57	2 4	21 43	0 56	25 10	1 19	24 49	1 10	4 51	1 7	19 17	1 2	9 53	0 46	14 20	1 40	30 52	7 2	3 49	3 56	15 28		n.a.
S 19	23 7	7 58	3 3	22 8	1 2	25 11	1 20	24 46	1 10	4 51	1 7	19 19	1 2	9 53	0 46	14 19	1 40	30 52	7 2	3 50	3 57	15 27		n.a.
M20	23 14	11 44	3 53	22 31	1 8	25 12	1 21	24 43	1 10	4 51	1 6	19 20	1 2	9 52	0 46	14 19	1 40	30 52	7 2	3 53	3 58	15 26		n.a.
T 21	23 19	14 58	4 32	22 54	1 13	25 12	1 22	24 39	1 10	4 51	1 6	19 22	1 2	9 52	0 46	14 19	1 40	30 52	7 2	3 57	4 0	15 25		n.a.
W22	23 25	17 23	4 55	23 16	1 18	25 11	1 23	24 35	1 10	4 51	1 6	19 23	1 2	9 51	0 46	14 18	1 40	30 53	7 2	4 2	4 1	15 24		n.a.
T 23	23 29	18 44	4 59	23 36	1 23	25 9	1 24	24 31	1 9	4 52	1 5	19 25	1 2	9 51	0 46	14 18	1 40	30 53	7 2	4 7	4 2	15 23		n.a.
F 24	23 34	18 50	4 43	23 55	1 28	25 7	1 25	24 27	1 9	4 52	1 5	19 27	1 2	9 50	0 46	14 17	1 40	30 53	7 2	4 11	4 4	15 22		n.a.
S 25	23 38	17 38	4 8	24 13	1 32	25 4	1 26	24 22	1 9	4 53	1 5	19 28	1 2	9 50	0 46	14 17	1 40	30 53	7 2	4 15	4 5	15 21		n.a.
S 26	23 41	15 14	3 16	24 30	1 37	25 0	1 27	24 17	1 9	4 53	1 5	19 29	1 2	9 49	0 46	14 16	1 40	30 53	7 2	4 18	4 6	15 20		n.a.
M27	23 44	11 54	2 12	24 45	1 40	24 55	1 28	24 12	1 9	4 54	1 4	19 31	1 2	9 49	0 46	14 16	1 40	30 53	7 2	4 20	4 7	15 19		n.a.
T 28	23 46	7 55	1 1	24 59	1 44	24 49	1 28	24 7	1 9	4 54	1 4	19 32	1 2	9 48	0 46	14 15	1 40	30 53	7 2	4 21	4 9	15 18		n.a.
W29	23 48	3 35	0s13	25 11	1 47	24 43	1 29	24 1	1 9	4 55	1 4	19 34	1 2	9 47	0 46	14 15	1 40	30 53	7 2	4 21	4 10	15 17		n.a.
T 30	23 50	0n51	1 24	25 22	1 50	24 36	1 30	23 55	1 9	4 56	1 3	19 35	1 2	9 47	0 46	14 14	1 40	30 53	7 2	4 21	4 11	15 16		n.a.
F 31	23s51	5n 8	2s29	25s31	1s53	24s28	1s30	23s49	1s 8	4n57	1s 3	19s37	1n 2	9s46	0s46	14s14	1s40	30s53	7s 2	4n21	4n12	15n15		n.a.

Julian Day Number = 1199815.5, Delta T = 09h23m41s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'49, Lahiri = -23°39'49 Julian Calendar 1 Dec. 1429 BCE == Greg. Calendar 18 Nov. 1429 BCE

The year -1428 astronomical counting style corresponds to year 1429 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

JANUARY 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 51 29	29♐18'20	1♉45	24♐13	16♑25	18♑22	14♈48	0♐39	7♓ 6	27♒11	28♐30	19°R 7	19♍30	8♌21	n.a.	S 1
S 2	5 55 26	0♑18'59	14°40	25°57	17°40	19° 9	14°50	0°45	7° 8	27°12	28°32	19♍ 1	19°27	8°27	n.a.	S 2
M 3	5 59 22	1°19'37	27°23	27°41	18°55	19°55	14°52	0°52	7°10	27°13	28°34	18°51	19°24	8°34	n.a.	M 3
T 4	6 3 19	2°20'13	9♊56	29°27	20° 9	20°42	14°55	0°58	7°12	27°15	28°36	18°40	19°20	8°41	n.a.	T 4
W 5	6 7 15	3°20'47	22°19	1♑13	21°24	21°29	14°57	1° 4	7°14	27°16	28°38	18°26	19°17	8°47	n.a.	W 5
T 6	6 11 12	4°21'20	4♋32	3° 0	22°39	22°15	15° 0	1°11	7°16	27°18	28°40	18°12	19°14	8°54	n.a.	T 6
F 7	6 15 8	5°21'51	16°37	4°48	23°53	23° 2	15° 3	1°17	7°18	27°19	28°41	17°59	19°11	9° 1	n.a.	F 7
S 8	6 19 5	6°22'19	28°35	6°37	25° 8	23°49	15° 6	1°23	7°20	27°21	28°43	17°48	19° 8	9° 7	n.a.	S 8
S 9	6 23 1	7°22'47	10♌27	8°27	26°22	24°35	15°10	1°29	7°22	27°23	28°45	17°39	19° 5	9°14	n.a.	S 9
M10	6 26 58	8°23'12	22°15	10°17	27°37	25°22	15°13	1°36	7°24	27°24	28°47	17°33	19° 1	9°21	n.a.	M10
T 11	6 30 55	9°23'36	4♍ 3	12° 8	28°51	26° 8	15°17	1°42	7°26	27°26	28°49	17°30	18°58	9°27	n.a.	T 11
W12	6 34 51	10°23'58	15°55	14° 0	0♒ 6	26°55	15°21	1°48	7°28	27°27	28°50	17°D29	18°55	9°34	n.a.	W12
T 13	6 38 48	11°24'19	27°55	15°53	1°20	27°41	15°25	1°54	7°30	27°29	28°52	17°30	18°52	9°41	n.a.	T 13
F 14	6 42 44	12°24'38	10♎ 9	17°46	2°34	28°27	15°30	2° 0	7°32	27°31	28°54	17°R30	18°49	9°48	n.a.	F 14
S 15	6 46 41	13°24'55	22°43	19°39	3°49	29°14	15°34	2° 6	7°35	27°33	28°56	17°30	18°45	9°54	n.a.	S 15
S 16	6 50 37	14°25'11	5♏40	21°33	5° 3	0♒ 0	15°39	2°12	7°37	27°34	28°58	17°28	18°42	10° 1	n.a.	S 16
M17	6 54 34	15°25'25	19° 5	23°27	6°17	0°46	15°44	2°17	7°39	27°36	28°59	17°23	18°39	10° 8	n.a.	M17
T 18	6 58 30	16°25'38	3♐ 0	25°21	7°32	1°33	15°49	2°23	7°42	27°38	29° 1	17°16	18°36	10°14	n.a.	T 18
W19	7 2 27	17°25'48	17°24	27°14	8°46	2°19	15°54	2°29	7°44	27°40	29° 3	17° 8	18°33	10°21	n.a.	W19
T 20	7 6 24	18°25'57	2♑12	29° 7	10° 0	3° 5	15°59	2°35	7°47	27°41	29° 5	16°58	18°30	10°28	n.a.	T 20
F 21	7 10 20	19°26'04	17°18	0♒59	11°14	3°51	16° 5	2°40	7°49	27°43	29° 6	16°49	18°26	10°34	n.a.	F 21
S 22	7 14 17	20°26'09	2♒31	2°50	12°28	4°37	16°11	2°46	7°52	27°45	29° 8	16°41	18°23	10°41	n.a.	S 22
S 23	7 18 13	21°26'12	17°40	4°40	13°42	5°24	16°17	2°51	7°54	27°47	29°10	16°36	18°20	10°48	n.a.	S 23
M24	7 22 10	22°26'12	2♓36	6°27	14°57	6°10	16°23	2°57	7°57	27°49	29°11	16°33	18°17	10°54	n.a.	M24
T 25	7 26 6	23°26'10	17°12	8°12	16°11	6°56	16°29	3° 2	7°59	27°51	29°13	16°D32	18°14	11° 1	n.a.	T 25
W26	7 30 3	24°26'06	1♈25	9°54	17°25	7°42	16°35	3° 7	8° 2	27°53	29°15	16°33	18°11	11° 8	n.a.	W26
T 27	7 33 59	25°25'59	15°13	11°33	18°39	8°27	16°42	3°12	8° 5	27°55	29°16	16°34	18° 7	11°14	n.a.	T 27
F 28	7 37 56	26°25'50	28°38	13° 7	19°52	9°13	16°48	3°18	8° 8	27°57	29°18	16°R34	18° 4	11°21	n.a.	F 28
S 29	7 41 53	27°25'39	11♉42	14°38	21° 6	9°59	16°55	3°23	8°10	27°59	29°20	16°33	18° 1	11°28	n.a.	S 29
S 30	7 45 49	28°25'25	24°28	16° 3	22°20	10°45	17° 2	3°28	8°13	28° 1	29°21	16°30	17°58	11°34	n.a.	S 30
M31	7 49 46	29♑25'09	6♊59	17♒22	23♒34	11♒31	17♈ 9	3♐33	8♓16	28♒ 3	29♐23	16♍25	17♍55	11♌41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	9n 6	3s25	25s38	1s55	24s20	1s31	23s42	1s 8	4n58	1s 3	19s38	1n 2	9s45	0s46	14s13	1s40	30s53	7s 2	4n23	4n14	15n13		n.a.
S 2	23 52	12 33	4 9	25 44	1 57	24 10	1 31	23 35	1 8	4 59	1 2	19 39	1 2	9 45	0 46	14 13	1 40	30 53	7 2	4 25	4 15	15 12		n.a.
M 3	23 51	15 22	4 40	25 48	1 58	24 0	1 31	23 28	1 8	5 0	1 2	19 41	1 2	9 44	0 45	14 12	1 40	30 53	7 2	4 29	4 16	15 11		n.a.
T 4	23 50	17 26	4 57	25 50	1 59	23 49	1 31	23 21	1 8	5 2	1 2	19 42	1 2	9 43	0 45	14 12	1 40	30 54	7 2	4 34	4 17	15 10		n.a.
W 5	23 49	18 38	5 0	25 51	1 59	23 38	1 32	23 13	1 7	5 3	1 1	19 44	1 2	9 43	0 45	14 11	1 40	30 54	7 3	4 39	4 19	15 9		n.a.
T 6	23 47	18 58	4 49	25 49	2 0	23 26	1 32	23 5	1 7	5 4	1 1	19 45	1 2	9 42	0 45	14 11	1 40	30 54	7 3	4 45	4 20	15 8		n.a.
F 7	23 45	18 26	4 25	25 45	1 59	23 13	1 32	22 57	1 7	5 6	1 1	19 46	1 2	9 41	0 45	14 10	1 40	30 54	7 3	4 50	4 21	15 7		n.a.
S 8	23 42	17 4	3 49	25 40	1 58	22 59	1 32	22 49	1 7	5 7	1 0	19 47	1 2	9 40	0 45	14 10	1 40	30 54	7 3	4 54	4 23	15 6		n.a.
S 9	23 39	14 59	3 3	25 32	1 57	22 45	1 32	22 40	1 7	5 9	1 0	19 49	1 2	9 39	0 45	14 9	1 39	30 54	7 3	4 58	4 24	15 5		n.a.
M10	23 35	12 17	2 10	25 22	1 55	22 30	1 32	22 32	1 6	5 11	1 0	19 50	1 2	9 39	0 45	14 8	1 39	30 54	7 3	5 0	4 25	15 4		n.a.
T 11	23 31	9 6	1 11	25 10	1 53	22 14	1 31	22 23	1 6	5 13	1 0	19 51	1 2	9 38	0 45	14 8	1 39	30 54	7 3	5 1	4 26	15 2		n.a.
W12	23 27	5 31	0 8	24 56	1 50	21 58	1 31	22 13	1 6	5 14	0 59	19 53	1 2	9 37	0 45	14 7	1 39	30 54	7 3	5 2	4 28	15 1		n.a.
T 13	23 22	1 41	0n55	24 39	1 46	21 41	1 31	22 4	1 6	5 16	0 59	19 54	1 2	9 36	0 45	14 7	1 39	30 55	7 3	5 1	4 29	15 0		n.a.
F 14	23 16	2s17	1 58	24 20	1 42	21 24	1 30	21 54	1 5	5 18	0 59	19 55	1 2	9 35	0 45	14 6	1 39	30 55	7 3	5 1	4 30	14 59		n.a.
S 15	23 10	6 16	2 57	23 59	1 37	21 5	1 30	21 44	1 5	5 20	0 58	19 56	1 2	9 34	0 45	14 5	1 39	30 55	7 4	5 1	4 31	14 58		n.a.
S 16	23 4	10 4	3 48	23 36	1 31	20 47	1 29	21 34	1 5	5 22	0 58	19 57	1 2	9 33	0 45	14 5	1 39	30 55	7 4	5 2	4 33	14 57		n.a.
M17	22 57	13 30	4 29	23 11	1 25	20 27	1 29	21 23	1 5	5 25	0 58	19 59	1 2	9 32	0 45	14 4	1 39	30 55	7 4	5 4	4 34	14 56		n.a.
T 18	22 50	16 18	4 56	22 43	1 18	20 7	1 28	21 13	1 4	5 27	0 57	20 0	1 2	9 31	0 45	14 3	1 39	30 55	7 4	5 7	4 35	14 55		n.a.
W19	22 42	18 12	5 5	22 14	1 11	19 47	1 27	21 2	1 4	5 29	0 57	20 1	1 2	9 31	0 45	14 3	1 39	30 55	7 4	5 10	4 36	14 53		n.a.
T 20	22 34	18 56	4 54	21 43	1 2	19 26	1 26	20 51	1 4	5 31	0 57	20 2	1 2	9 30	0 45	14 2	1 39	30 56	7 4	5 14	4 38	14 52		n.a.
F 21	22 25	18 22	4 23	21 9	0 53	19 4	1 25	20 39	1 3	5 34	0 57	20 3	1 2	9 29	0 45	14 1	1 39	30 56	7 4	5 18	4 39	14 51		n.a.
S 22	22 16	16 29	3 33	20 35	0 44	18 42	1 24	20 28	1 3	5 36	0 56	20 4	1 2	9 28	0 45	14 1	1 39	30 56	7 4	5 21	4 40	14 50		n.a.
S 23	22 7	13 27	2 29	19 58	0 33	18 20	1 23	20 16	1 3	5 39	0 56	20 5	1 2	9 27	0 45	14 0	1 39	30 56	7 5	5 23	4 41	14 49		n.a.
M24	21 57	9 35	1 14	19 21	0 22	17 57	1 22	20 4	1 3	5 42	0 56	20 6	1 2	9 26	0 45	13 59	1 39	30 56	7 5	5 24	4 43	14 48		n.a.
T 25	21 47	5 12	0s 4	18 42	0 11	17 33	1 21	19 52	1 2	5 44	0 56	20 7	1 2	9 25	0 45	13 59	1 39	30 56	7 5	5 24	4 44	14 47		n.a.
W26	21 37	0 38	1 19	18 3	0n 2	17 9	1 20	19 40	1 2	5 47	0 55	20 8	1 2	9 24	0 45	13 58	1 39	30 56	7 5	5 24	4 45	14 45		n.a.
T 27	21 26	3n49	2 28	17 23	0 15	16 44	1 18	19 27	1 2	5 50	0 55	20 9	1 2	9 22	0 45	13 57	1 39	30 57	7 5	5 24	4 47	14 44		n.a.
F 28	21 14	7 58	3 27	16 44	0 28	16 20	1 17	19 15	1 1	5 53	0 55	20 10	1 2	9 21	0 45	13 56	1 39	30 57	7 5	5 23	4 48	14 43		n.a.
S 29	21 2	11 36	4 13	16 4	0 42	15 54	1 15	19 2	1 1	5 56	0 54	20 11	1 2	9 20	0 45	13 56	1 39	30 57	7 5	5 24	4 49	14 42		n.a.
S 30	20 50	14 36	4 46	15 25	0 56	15 28	1 14	18 49	1 1	5 58	0 54	20 12	1 2	9 19	0 45	13 55	1 39	30 57	7 6	5 25	4 50	14 41		n.a.
M31	20s38	16n52	5s 4	14s48	1n10	15s 2	1s12	18s36	1s 0	6n 2	0s54	20s13	1n 2	9s18	0s45	13s54	1s39	30s57	7s 6	5n27	4n52	14n40		n.a.

Julian Day Number = 1199846.5, Delta T = 09h23m39s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'45, Lahiri = -23°39'44 Julian Calendar 1 Jan. 1428 BCE == Greg. Calendar 19 Dec. 1429 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

FEBRUARY 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 53 42	0♒24'50	19♊18	18♒36	24♒48	12♒16	17♈17	3♐38	8♓19	28♒ 5	29♐25	16°R17	17♍51	11♌48	n.a.	T 1
W 2	7 57 39	1°24'30	1♋28	19°43	26° 1	13° 2	17°24	3°43	8°22	28° 7	29°26	16♍ 9	17°48	11°54	n.a.	W 2
T 3	8 1 35	2°24'07	13°30	20°43	27°15	13°48	17°32	3°47	8°25	28° 9	29°28	16° 1	17°45	12° 1	n.a.	T 3
F 4	8 5 32	3°23'41	25°26	21°35	28°29	14°33	17°39	3°52	8°27	28°11	29°29	15°53	17°42	12° 8	n.a.	F 4
S 5	8 9 28	4°23'13	7♌18	22°21	29°42	15°19	17°47	3°57	8°30	28°13	29°31	15°46	17°39	12°14	n.a.	S 5
S 6	8 13 25	5°22'44	19° 7	22°58	0♓56	16° 4	17°55	4° 1	8°33	28°15	29°32	15°40	17°36	12°21	n.a.	S 6
M 7	8 17 21	6°22'12	0♍56	23°27	2° 9	16°50	18° 3	4° 6	8°36	28°17	29°34	15°37	17°32	12°28	n.a.	M 7
T 8	8 21 18	7°21'38	12°47	23°49	3°23	17°35	18°12	4°10	8°39	28°20	29°36	15°D36	17°29	12°34	n.a.	T 8
W 9	8 25 15	8°21'01	24°42	24° 2	4°36	18°20	18°20	4°14	8°42	28°22	29°37	15°36	17°26	12°41	n.a.	W 9
T 10	8 29 11	9°20'23	6♎46	24°R 7	5°49	19° 6	18°28	4°19	8°46	28°24	29°38	15°38	17°23	12°48	n.a.	T 10
F 11	8 33 8	10°19'43	19° 2	24° 4	7° 3	19°51	18°37	4°23	8°49	28°26	29°40	15°39	17°20	12°54	n.a.	F 11
S 12	8 37 4	11°19'01	1♏34	23°53	8°16	20°36	18°46	4°27	8°52	28°28	29°41	15°41	17°16	13° 1	n.a.	S 12
S 13	8 41 1	12°18'17	14°28	23°36	9°29	21°21	18°55	4°31	8°55	28°30	29°43	15°R41	17°13	13° 8	n.a.	S 13
M14	8 44 57	13°17'31	27°47	23°11	10°42	22° 7	19° 4	4°35	8°58	28°33	29°44	15°40	17°10	13°14	n.a.	M14
T 15	8 48 54	14°16'44	11♐33	22°41	11°56	22°52	19°13	4°39	9° 1	28°35	29°46	15°38	17° 7	13°21	n.a.	T 15
W16	8 52 50	15°15'54	25°46	22° 5	13° 9	23°37	19°22	4°43	9° 4	28°37	29°47	15°35	17° 4	13°28	n.a.	W16
T 17	8 56 47	16°15'03	10♑26	21°24	14°22	24°22	19°31	4°46	9° 8	28°39	29°48	15°30	17° 1	13°34	n.a.	T 17
F 18	9 0 43	17°14'09	25°26	20°40	15°35	25° 7	19°41	4°50	9°11	28°42	29°50	15°26	16°57	13°41	n.a.	F 18
S 19	9 4 40	18°13'14	10♒38	19°52	16°47	25°52	19°51	4°54	9°14	28°44	29°51	15°23	16°54	13°48	n.a.	S 19
S 20	9 8 37	19°12'16	25°52	19° 4	18° 0	26°36	20° 0	4°57	9°17	28°46	29°52	15°20	16°51	13°54	n.a.	S 20
M21	9 12 33	20°11'16	10♓59	18°14	19°13	27°21	20°10	5° 0	9°21	28°48	29°54	15°D19	16°48	14° 1	n.a.	M21
T 22	9 16 30	21°10'14	25°48	17°24	20°26	28° 6	20°20	5° 4	9°24	28°50	29°55	15°20	16°45	14° 8	n.a.	T 22
W23	9 20 26	22° 9'09	10♈16	16°36	21°39	28°51	20°30	5° 7	9°27	28°53	29°56	15°21	16°42	14°14	n.a.	W23
T 24	9 24 23	23° 8'02	24°17	15°50	22°51	29°35	20°40	5°10	9°30	28°55	29°57	15°22	16°38	14°21	n.a.	T 24
F 25	9 28 19	24° 6'52	7♉51	15° 6	24° 4	0♓20	20°50	5°13	9°34	28°57	29°59	15°23	16°35	14°28	n.a.	F 25
S 26	9 32 16	25° 5'40	21° 1	14°26	25°16	1° 4	21° 1	5°16	9°37	29° 0	29°59	15°R24	16°32	14°34	n.a.	S 26
S 27	9 36 12	26° 4'26	3♊48	13°50	26°29	1°49	21°11	5°19	9°40	29° 2	0♑ 1	15°24	16°29	14°41	n.a.	S 27
M28	9 40 9	27♒ 3'09	16♊16	13♒19	27♓41	2♓33	21♈22	5♐22	9♓44	29♒ 4	0♑ 2	15♍23	16♍26	14♌48	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s25	18n19	5s 8	14s11	1n24	14s36	1s11	18s22	1s 0	6n 5	0s54	20s14	1n 2	9s17	0s45	13s53	1s39	30s57	7s 6	5n30	4n53	14n38		n.a.
W 2	20 12	18 54	4 57	13 37	1 38	14 9	1 9	18 9	1 0	6 8	0 53	20 15	1 2	9 16	0 45	13 53	1 39	30 58	7 6	5 33	4 54	14 37		n.a.
T 3	19 58	18 37	4 34	13 4	1 53	13 41	1 7	17 55	0 59	6 11	0 53	20 16	1 2	9 15	0 45	13 52	1 39	30 58	7 6	5 37	4 55	14 36		n.a.
F 4	19 44	17 31	3 58	12 34	2 7	13 14	1 5	17 41	0 59	6 14	0 53	20 17	1 2	9 14	0 44	13 51	1 39	30 58	7 6	5 40	4 57	14 35		n.a.
S 5	19 30	15 40	3 13	12 6	2 20	12 46	1 4	17 27	0 58	6 17	0 53	20 18	1 2	9 12	0 44	13 50	1 39	30 58	7 7	5 43	4 58	14 34		n.a.
S 6	19 15	13 9	2 19	11 41	2 33	12 18	1 2	17 13	0 58	6 21	0 52	20 19	1 2	9 11	0 44	13 50	1 39	30 58	7 7	5 45	4 59	14 33		n.a.
M 7	19 1	10 6	1 19	11 20	2 46	11 49	1 0	16 59	0 58	6 24	0 52	20 19	1 2	9 10	0 44	13 49	1 39	30 58	7 7	5 46	5 0	14 31		n.a.
T 8	18 45	6 39	0 15	11 2	2 58	11 20	0 58	16 44	0 57	6 28	0 52	20 20	1 2	9 9	0 44	13 48	1 39	30 59	7 7	5 46	5 2	14 30		n.a.
W 9	18 30	2 54	0n49	10 47	3 8	10 51	0 55	16 30	0 57	6 31	0 52	20 21	1 2	9 8	0 44	13 47	1 39	30 59	7 7	5 46	5 3	14 29		n.a.
T 10	18 14	1s 0	1 53	10 36	3 18	10 21	0 53	16 15	0 57	6 34	0 51	20 22	1 2	9 7	0 44	13 47	1 39	30 59	7 7	5 46	5 4	14 28		n.a.
F 11	17 58	4 55	2 53	10 29	3 27	9 52	0 51	16 0	0 56	6 38	0 51	20 23	1 2	9 5	0 44	13 46	1 39	30 59	7 8	5 45	5 5	14 27		n.a.
S 12	17 41	8 43	3 45	10 26	3 34	9 22	0 49	15 45	0 56	6 42	0 51	20 23	1 2	9 4	0 44	13 45	1 39	30 59	7 8	5 45	5 7	14 25		n.a.
S 13	17 24	12 12	4 28	10 27	3 39	8 52	0 46	15 30	0 55	6 45	0 51	20 24	1 2	9 3	0 44	13 44	1 39	31 0	7 8	5 44	5 8	14 24		n.a.
M14	17 7	15 10	4 58	10 31	3 43	8 21	0 44	15 15	0 55	6 49	0 50	20 25	1 2	9 2	0 44	13 43	1 39	31 0	7 8	5 45	5 9	14 23		n.a.
T 15	16 50	17 24	5 12	10 39	3 46	7 51	0 42	15 0	0 55	6 53	0 50	20 26	1 2	9 1	0 44	13 43	1 39	31 0	7 8	5 46	5 10	14 22		n.a.
W16	16 32	18 39	5 8	10 50	3 46	7 20	0 39	14 44	0 54	6 56	0 50	20 26	1 2	8 59	0 44	13 42	1 39	31 0	7 9	5 47	5 12	14 21		n.a.
T 17	16 15	18 43	4 44	11 4	3 45	6 49	0 37	14 28	0 54	7 0	0 50	20 27	1 2	8 58	0 44	13 41	1 39	31 0	7 9	5 49	5 13	14 19		n.a.
F 18	15 56	17 29	4 1	11 21	3 42	6 18	0 34	14 13	0 53	7 4	0 49	20 27	1 2	8 57	0 44	13 40	1 39	31 1	7 9	5 50	5 14	14 18		n.a.
S 19	15 38	15 0	2 59	11 41	3 37	5 47	0 31	13 57	0 53	7 8	0 49	20 28	1 2	8 56	0 44	13 39	1 39	31 1	7 9	5 52	5 16	14 17		n.a.
S 20	15 19	11 28	1 45	12 2	3 31	5 16	0 29	13 41	0 52	7 12	0 49	20 29	1 2	8 54	0 44	13 39	1 39	31 1	7 9	5 53	5 17	14 16		n.a.
M21	15 1	7 13	0 24	12 25	3 23	4 44	0 26	13 25	0 52	7 16	0 49	20 29	1 2	8 53	0 44	13 38	1 39	31 1	7 10	5 53	5 18	14 14		n.a.
T 22	14 42	2 34	0s57	12 49	3 13	4 13	0 23	13 9	0 52	7 20	0 49	20 30	1 2	8 52	0 44	13 37	1 39	31 1	7 10	5 53	5 19	14 13		n.a.
W23	14 22	2n 6	2 13	13 14	3 2	3 41	0 20	12 53	0 51	7 24	0 48	20 30	1 2	8 51	0 44	13 36	1 39	31 2	7 10	5 52	5 21	14 12		n.a.
T 24	14 3	6 30	3 19	13 40	2 50	3 9	0 18	12 36	0 51	7 28	0 48	20 31	1 2	8 49	0 44	13 35	1 39	31 2	7 10	5 52	5 22	14 11		n.a.
F 25	13 43	10 25	4 11	14 5	2 37	2 37	0 15	12 20	0 50	7 32	0 48	20 32	1 2	8 48	0 44	13 35	1 39	31 2	7 11	5 51	5 23	14 10		n.a.
S 26	13 23	13 42	4 48	14 31	2 23	2 5	0 12	12 3	0 50	7 36	0 48	20 32	1 2	8 47	0 44	13 34	1 39	31 2	7 11	5 51	5 24	14 8		n.a.
S 27	13 3	16 13	5 9	14 55	2 8	1 34	0 9	11 47	0 49	7 40	0 48	20 33	1 2	8 45	0 44	13 33	1 39	31 3	7 11	5 51	5 26	14 7		n.a.
M28	12s43	17n54	5s16	15s19	1n53	1s 2	0s 6	11s30	0s49	7n45	0s47	20s33	1n 2	8s44	0s44	13s32	1s39	31s 3	7s11	5n52	5n27	14n 6		n.a.

Julian Day Number = 1199877.5, Delta T = 09h23m37s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'41, Lahiri = -23°39'40 Julian Calendar 1 Feb. 1428 BCE == Greg. Calendar 19 Jan. 1428 BCE

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

MARCH 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 44 5	28♒ 1'50	28♊30	12°R52	28♓54	3♓18	21♈32	5♐24	9♓47	29♒ 6	0♑ 3	15°R21	16♍22	14♌54	n.a.	T 1
W 2	9 48 2	29° 0'29	10♋32	12♒30	0♈ 6	4° 2	21°43	5°27	9°51	29° 9	0° 4	15♍19	16°19	15° 1	n.a.	W 2
T 3	9 51 59	29°59'05	22°27	12°14	1°18	4°46	21°54	5°29	9°54	29°11	0° 5	15°16	16°16	15° 8	n.a.	T 3
F 4	9 55 55	0♓57'39	4♌18	12° 3	2°30	5°31	22° 5	5°32	9°57	29°13	0° 6	15°14	16°13	15°14	n.a.	F 4
S 5	9 59 52	1°56'11	16° 7	11°57	3°42	6°15	22°16	5°34	10° 1	29°15	0° 7	15°12	16°10	15°21	n.a.	S 5
S 6	10 3 48	2°54'41	27°56	11°D56	4°54	6°59	22°27	5°36	10° 4	29°18	0° 8	15°11	16° 7	15°28	n.a.	S 6
M 7	10 7 45	3°53'09	9♍48	12° 1	6° 6	7°43	22°38	5°39	10° 8	29°20	0° 9	15°D11	16° 3	15°34	n.a.	M 7
T 8	10 11 41	4°51'34	21°45	12°10	7°18	8°27	22°49	5°41	10°11	29°22	0°10	15°11	16° 0	15°41	n.a.	T 8
W 9	10 15 38	5°49'58	3♎49	12°25	8°30	9°11	23° 1	5°43	10°14	29°24	0°11	15°11	15°57	15°48	n.a.	W 9
T 10	10 19 34	6°48'20	16° 3	12°44	9°41	9°55	23°12	5°44	10°18	29°27	0°12	15°12	15°54	15°54	n.a.	T 10
F 11	10 23 31	7°46'39	28°28	13° 8	10°53	10°39	23°24	5°46	10°21	29°29	0°13	15°13	15°51	16° 1	n.a.	F 11
S 12	10 27 27	8°44'58	11♏ 8	13°36	12° 5	11°23	23°35	5°48	10°25	29°31	0°14	15°13	15°48	16° 8	n.a.	S 12
S 13	10 31 24	9°43'14	24° 5	14° 9	13°16	12° 6	23°47	5°49	10°28	29°33	0°15	15°14	15°44	16°14	n.a.	S 13
M14	10 35 21	10°41'29	7♐23	14°45	14°27	12°50	23°58	5°51	10°31	29°36	0°16	15°R14	15°41	16°21	n.a.	M14
T 15	10 39 17	11°39'42	21° 2	15°26	15°39	13°34	24°10	5°52	10°35	29°38	0°16	15°14	15°38	16°28	n.a.	T 15
W16	10 43 14	12°37'54	5♑ 4	16°10	16°50	14°18	24°22	5°54	10°38	29°40	0°17	15°14	15°35	16°34	n.a.	W16
T 17	10 47 10	13°36'04	19°27	16°57	18° 1	15° 1	24°34	5°55	10°42	29°42	0°18	15°14	15°32	16°41	n.a.	T 17
F 18	10 51 7	14°34'13	4♒ 9	17°48	19°12	15°45	24°46	5°56	10°45	29°44	0°19	15°13	15°28	16°48	n.a.	F 18
S 19	10 55 3	15°32'20	19° 5	18°43	20°23	16°28	24°58	5°57	10°49	29°47	0°19	15°D13	15°25	16°54	n.a.	S 19
S 20	10 59 0	16°30'25	4♓ 7	19°40	21°34	17°12	25°10	5°58	10°52	29°49	0°20	15°13	15°22	17° 1	n.a.	S 20
M21	11 2 56	17°28'28	19° 7	20°40	22°45	17°55	25°22	5°58	10°55	29°51	0°21	15°R13	15°19	17° 8	n.a.	M21
T 22	11 6 53	18°26'30	3♈57	21°43	23°56	18°38	25°35	5°59	10°59	29°53	0°21	15°13	15°16	17°14	n.a.	T 22
W23	11 10 50	19°24'29	18°28	22°49	25° 7	19°22	25°47	6° 0	11° 2	29°55	0°22	15°13	15°13	17°21	n.a.	W23
T 24	11 14 46	20°22'27	2♉36	23°58	26°18	20° 5	25°59	6° 0	11° 6	29°58	0°22	15°13	15° 9	17°28	n.a.	T 24
F 25	11 18 43	21°20'23	16°19	25° 9	27°28	20°48	26°12	6° 1	11° 9	29°59	0°23	15°12	15° 6	17°34	n.a.	F 25
S 26	11 22 39	22°18'17	29°36	26°22	28°39	21°31	26°24	6° 1	11°12	0♓ 2	0°23	15°11	15° 3	17°41	n.a.	S 26
S 27	11 26 36	23°16'09	12♊28	27°38	29°49	22°14	26°37	6° 1	11°16	0° 4	0°24	15°11	15° 0	17°48	n.a.	S 27
M28	11 30 32	24°13'59	24°59	28°57	0♉59	22°57	26°49	6° 1	11°19	0° 6	0°24	15°D11	14°57	17°54	n.a.	M28
T 29	11 34 29	25°11'47	7♋12	0♓17	2° 9	23°40	27° 2	6°R 1	11°23	0° 8	0°25	15°11	14°53	18° 1	n.a.	T 29
W30	11 38 25	26° 9'34	19°13	1°40	3°19	24°23	27°15	6° 1	11°26	0°10	0°25	15°12	14°50	18° 8	n.a.	W30
T 31	11 42 22	27♓ 7'18	1♌ 6	3♓ 6	4♉29	25♓ 6	27♈27	6♐ 1	11♓29	0♓12	0♑26	15♍13	14♍47	18♌14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12s22	18n43	5s 8	15s41	1n38	0s30	0s 3	11s13	0s48	7n49	0s47	20s33	1n 2	8s43	0s44	13s31	1s39	31s 3	7s11	5n52	5n28	14n 5			n.a.
W 2	12 1	18 41	4 46	16 2	1 23	0n 2	0n 0	10 57	0 48	7 53	0 47	20 34	1 2	8 41	0 44	13 31	1 39	31 3	7 12	5 53	5 29	14 3			n.a.
T 3	11 40	17 48	4 12	16 21	1 7	0 34	0 3	10 40	0 47	7 57	0 47	20 34	1 2	8 40	0 44	13 30	1 39	31 4	7 12	5 54	5 31	14 2			n.a.
F 4	11 19	16 10	3 28	16 39	0 52	1 6	0 6	10 23	0 47	8 2	0 46	20 35	1 2	8 39	0 44	13 29	1 39	31 4	7 12	5 55	5 32	14 1			n.a.
S 5	10 58	13 50	2 34	16 56	0 36	1 38	0 9	10 6	0 46	8 6	0 46	20 35	1 3	8 38	0 44	13 28	1 39	31 4	7 12	5 56	5 33	14 0			n.a.
S 6	10 37	10 56	1 34	17 10	0 22	2 10	0 12	9 49	0 46	8 10	0 46	20 35	1 3	8 36	0 44	13 27	1 39	31 4	7 13	5 56	5 34	13 58			n.a.
M 7	10 15	7 34	0 30	17 23	0 7	2 42	0 15	9 31	0 45	8 15	0 46	20 36	1 3	8 35	0 44	13 27	1 39	31 4	7 13	5 56	5 36	13 57			n.a.
T 8	9 54	3 53	0n36	17 33	0s 7	3 14	0 19	9 14	0 45	8 19	0 46	20 36	1 3	8 34	0 44	13 26	1 39	31 5	7 13	5 56	5 37	13 56			n.a.
W 9	9 32	0 0	1 42	17 42	0 20	3 45	0 22	8 57	0 44	8 24	0 46	20 36	1 3	8 32	0 44	13 25	1 39	31 5	7 13	5 56	5 38	13 55			n.a.
T 10	9 10	3s55	2 43	17 49	0 33	4 17	0 25	8 40	0 44	8 28	0 45	20 37	1 3	8 31	0 44	13 24	1 39	31 5	7 14	5 56	5 39	13 53			n.a.
F 11	8 48	7 44	3 38	17 54	0 46	4 49	0 28	8 22	0 43	8 33	0 45	20 37	1 3	8 30	0 44	13 23	1 39	31 5	7 14	5 56	5 41	13 52			n.a.
S 12	8 26	11 16	4 23	17 57	0 57	5 20	0 31	8 5	0 43	8 37	0 45	20 37	1 3	8 28	0 44	13 23	1 39	31 6	7 14	5 55	5 42	13 51			n.a.
S 13	8 4	14 20	4 57	17 58	1 9	5 51	0 34	7 47	0 42	8 42	0 45	20 38	1 3	8 27	0 44	13 22	1 39	31 6	7 14	5 55	5 43	13 50			n.a.
M14	7 41	16 45	5 15	17 57	1 19	6 22	0 38	7 30	0 42	8 46	0 45	20 38	1 3	8 26	0 44	13 21	1 39	31 6	7 15	5 55	5 44	13 48			n.a.
T 15	7 19	18 18	5 16	17 54	1 29	6 53	0 41	7 12	0 41	8 51	0 44	20 38	1 3	8 24	0 44	13 20	1 39	31 6	7 15	5 55	5 46	13 47			n.a.
W16	6 56	18 47	4 59	17 50	1 38	7 24	0 44	6 55	0 41	8 55	0 44	20 38	1 3	8 23	0 44	13 20	1 39	31 7	7 15	5 55	5 47	13 46			n.a.
T 17	6 33	18 5	4 23	17 43	1 47	7 55	0 47	6 37	0 40	9 0	0 44	20 38	1 3	8 22	0 44	13 19	1 39	31 7	7 15	5 55	5 48	13 45			n.a.
F 18	6 11	16 10	3 29	17 35	1 55	8 25	0 50	6 20	0 40	9 5	0 44	20 39	1 3	8 20	0 44	13 18	1 39	31 7	7 16	5 55	5 49	13 43			n.a.
S 19	5 48	13 9	2 20	17 25	2 2	8 56	0 54	6 2	0 39	9 9	0 44	20 39	1 3	8 19	0 44	13 17	1 39	31 7	7 16	5 55	5 51	13 42			n.a.
S 20	5 25	9 13	1 1	17 13	2 9	9 26	0 57	5 44	0 39	9 14	0 44	20 39	1 3	8 18	0 44	13 16	1 39	31 8	7 16	5 55	5 52	13 41			n.a.
M21	5 2	4 43	0s22	16 59	2 15	9 56	1 0	5 27	0 38	9 19	0 43	20 39	1 3	8 16	0 44	13 16	1 39	31 8	7 16	5 55	5 53	13 39			n.a.
T 22	4 39	0n 2	1 42	16 43	2 20	10 25	1 3	5 9	0 38	9 23	0 43	20 39	1 3	8 15	0 44	13 15	1 39	31 8	7 17	5 55	5 54	13 38			n.a.
W23	4 16	4 41	2 55	16 26	2 25	10 55	1 6	4 51	0 37	9 28	0 43	20 39	1 3	8 14	0 44	13 14	1 39	31 9	7 17	5 55	5 56	13 37			n.a.
T 24	3 53	8 56	3 54	16 6	2 29	11 24	1 9	4 33	0 37	9 33	0 43	20 39	1 3	8 12	0 44	13 13	1 39	31 9	7 17	5 56	5 57	13 36			n.a.
F 25	3 30	12 34	4 38	15 45	2 33	11 53	1 12	4 16	0 36	9 37	0 43	20 39	1 3	8 11	0 44	13 13	1 39	31 9	7 17	5 56	5 58	13 34			n.a.
S 26	3 6	15 26	5 6	15 22	2 35	12 21	1 15	3 58	0 36	9 42	0 43	20 39	1 3	8 10	0 44	13 12	1 39	31 9	7 18	5 56	5 59	13 33			n.a.
S 27	2 43	17 27	5 17	14 58	2 38	12 49	1 18	3 40	0 35	9 47	0 42	20 39	1 3	8 9	0 44	13 11	1 39	31 10	7 18	5 56	6 1	13 32			n.a.
M28	2 20	18 33	5 13	14 32	2 39	13 17	1 21	3 22	0 35	9 52	0 42	20 39	1 3	8 7	0 44	13 10	1 39	31 10	7 18	5 56	6 2	13 30			n.a.
T 29	1 56	18 46	4 55	14 3	2 40	13 45	1 24	3 5	0 34	9 56	0 42	20 39	1 3	8 6	0 44	13 10	1 39	31 10	7 18	5 56	6 3	13 29			n.a.
W30	1 33	18 7	4 23	13 34	2 41	14 12	1 27	2 47	0 34	10 1	0 42	20 39	1 3	8 5	0 44	13 9	1 39	31 10	7 19	5 56	6 4	13 28			n.a.
T 31	1s10	16n40	3s41	13s 2	2s40	14n39	1n30	2s29	0s33	10n 6	0s42	20s39	1n 3	8s 3	0s44	13s 8	1s39	31s11	7s19	5n56	6n 6	13n26			n.a.

Julian Day Number = 1199905.5, Delta T = 09h23m35s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'37, Lahiri = -23°39'36 Julian Calendar 1 March 1428 BCE == Greg. Calendar 16 Feb. 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

APRIL 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 46 18	28♓ 5'01	12♌54	4♓33	5♉39	25♓49	27♈40	6°R 1	11♓33	0♓14	0♑26	15♍14	14♍44	18♌21	n.a.	F 1
S 2	11 50 15	29° 2'42	24°43	6° 3	6°49	26°31	27°53	6♐ 0	11°36	0°16	0°26	15°15	14°41	18°28	n.a.	S 2
S 3	11 54 12	0♈ 0'21	6♍35	7°34	7°59	27°14	28° 6	6° 0	11°39	0°18	0°26	15°16	14°38	18°34	n.a.	S 3
M 4	11 58 8	0°57'59	18°34	9° 8	9° 8	27°57	28°19	5°59	11°42	0°20	0°27	15°R16	14°34	18°41	n.a.	M 4
T 5	12 2 5	1°55'35	0♎41	10°44	10°18	28°39	28°32	5°59	11°46	0°22	0°27	15°15	14°31	18°48	n.a.	T 5
W 6	12 6 1	2°53'10	12°58	12°22	11°27	29°22	28°45	5°58	11°49	0°24	0°27	15°14	14°28	18°54	n.a.	W 6
T 7	12 9 58	3°50'43	25°27	14° 3	12°36	0♈ 4	28°58	5°57	11°52	0°26	0°27	15°11	14°25	19° 1	n.a.	T 7
F 8	12 13 54	4°48'15	8♏10	15°45	13°45	0°47	29°11	5°56	11°55	0°28	0°28	15° 9	14°22	19° 8	n.a.	F 8
S 9	12 17 51	5°45'46	21° 5	17°30	14°54	1°29	29°24	5°55	11°59	0°30	0°28	15° 6	14°19	19°14	n.a.	S 9
S 10	12 21 47	6°43'16	4♐16	19°16	16° 3	2°12	29°37	5°54	12° 2	0°32	0°28	15° 3	14°15	19°21	n.a.	S 10
M11	12 25 44	7°40'45	17°41	21° 5	17°12	2°54	29°50	5°53	12° 5	0°34	0°28	15° 1	14°12	19°28	n.a.	M11
T 12	12 29 41	8°38'13	1♑21	22°56	18°21	3°36	0♉ 4	5°52	12° 8	0°36	0°28	15° 0	14° 9	19°34	n.a.	T 12
W13	12 33 37	9°35'40	15°17	24°49	19°29	4°18	0°17	5°50	12°11	0°38	0°28	15°D 0	14° 6	19°41	n.a.	W13
T 14	12 37 34	10°33'06	29°27	26°43	20°38	5° 0	0°30	5°49	12°14	0°40	0°R28	15° 1	14° 3	19°48	n.a.	T 14
F 15	12 41 30	11°30'32	13♒51	28°40	21°46	5°43	0°43	5°47	12°17	0°42	0°28	15° 2	13°59	19°54	n.a.	F 15
S 16	12 45 27	12°27'56	28°24	0♈39	22°54	6°25	0°57	5°45	12°21	0°43	0°28	15° 3	13°56	20° 1	n.a.	S 16
S 17	12 49 23	13°25'19	13♓ 4	2°40	24° 2	7° 7	1°10	5°44	12°24	0°45	0°28	15°R 4	13°53	20° 8	n.a.	S 17
M18	12 53 20	14°22'42	27°44	4°43	25°10	7°49	1°24	5°42	12°27	0°47	0°28	15° 3	13°50	20°14	n.a.	M18
T 19	12 57 16	15°20'03	12♈17	6°47	26°18	8°31	1°37	5°40	12°30	0°49	0°28	15° 2	13°47	20°21	n.a.	T 19
W20	13 1 13	16°17'24	26°39	8°53	27°26	9°12	1°50	5°38	12°33	0°50	0°28	14°58	13°44	20°28	n.a.	W20
T 21	13 5 10	17°14'43	10♉43	11° 1	28°33	9°54	2° 4	5°36	12°36	0°52	0°27	14°54	13°40	20°34	n.a.	T 21
F 22	13 9 6	18°12'02	24°25	13° 9	29°41	10°36	2°17	5°33	12°39	0°54	0°27	14°49	13°37	20°41	n.a.	F 22
S 23	13 13 3	19° 9'19	7♊43	15°19	0♊48	11°18	2°31	5°31	12°41	0°55	0°27	14°44	13°34	20°47	n.a.	S 23
S 24	13 16 59	20° 6'35	20°38	17°30	1°55	11°59	2°45	5°29	12°44	0°57	0°27	14°39	13°31	20°54	n.a.	S 24
M25	13 20 56	21° 3'50	3♋11	19°41	3° 2	12°41	2°58	5°26	12°47	0°59	0°26	14°36	13°28	21° 1	n.a.	M25
T 26	13 24 52	22° 1'04	15°26	21°53	4° 8	13°22	3°12	5°24	12°50	1° 0	0°26	14°35	13°24	21° 7	n.a.	T 26
W27	13 28 49	22°58'17	27°28	24° 4	5°15	14° 4	3°25	5°21	12°53	1° 2	0°26	14°D35	13°21	21°14	n.a.	W27
T 28	13 32 45	23°55'29	9♌20	26°16	6°21	14°45	3°39	5°19	12°56	1° 3	0°25	14°36	13°18	21°21	n.a.	T 28
F 29	13 36 42	24°52'40	21° 9	28°27	7°28	15°27	3°52	5°16	12°58	1° 5	0°25	14°37	13°15	21°27	n.a.	F 29
S 30	13 40 39	25♈49'50	2♍59	0♉37	8♊34	16♈ 8	4♉ 6	5♐13	13♓ 1	1♓ 6	0♑25	14♍39	13♍12	21♌34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s47	14n31	2s50	12s29	2s40	15n 6	1n33	2s11	0s32	10n11	0s42	20s39	1n 3	8s 2	0s44	13s 8	1s39	31s11	7s19	5n55	6n 7	13n25		n.a.
S 2	0 23	11 46	1 51	11 54	2 38	15 32	1 36	1 53	0 32	10 16	0 41	20 39	1 3	8 1	0 44	13 7	1 39	31 11	7 20	5 55	6 8	13 24		n.a.
S 3	0n 0	8 31	0 48	11 17	2 36	15 58	1 39	1 36	0 31	10 20	0 41	20 39	1 3	8 0	0 44	13 6	1 39	31 11	7 20	5 54	6 9	13 22		n.a.
M 4	0 23	4 53	0n18	10 39	2 34	16 24	1 42	1 18	0 31	10 25	0 41	20 39	1 3	7 58	0 44	13 5	1 39	31 12	7 20	5 54	6 11	13 21		n.a.
T 5	0 47	1 1	1 24	9 59	2 30	16 49	1 45	1 0	0 30	10 30	0 41	20 39	1 3	7 57	0 44	13 5	1 39	31 12	7 20	5 55	6 12	13 20		n.a.
W 6	1 10	2s57	2 27	9 17	2 27	17 14	1 47	0 43	0 30	10 35	0 41	20 39	1 3	7 56	0 44	13 4	1 39	31 12	7 21	5 55	6 13	13 18		n.a.
T 7	1 33	6 51	3 24	8 34	2 22	17 38	1 50	0 25	0 29	10 40	0 41	20 38	1 3	7 55	0 44	13 3	1 39	31 12	7 21	5 56	6 14	13 17		n.a.
F 8	1 56	10 30	4 12	7 49	2 17	18 2	1 52	0 7	0 29	10 45	0 41	20 38	1 3	7 53	0 44	13 3	1 39	31 13	7 21	5 57	6 16	13 16		n.a.
S 9	2 20	13 43	4 48	7 3	2 12	18 25	1 55	0n11	0 28	10 49	0 40	20 38	1 3	7 52	0 44	13 2	1 40	31 13	7 21	5 58	6 17	13 14		n.a.
S 10	2 43	16 18	5 10	6 15	2 6	18 48	1 57	0 28	0 27	10 54	0 40	20 38	1 3	7 51	0 44	13 1	1 40	31 13	7 22	5 59	6 18	13 13		n.a.
M11	3 6	18 3	5 15	5 25	1 59	19 11	2 0	0 46	0 27	10 59	0 40	20 38	1 3	7 50	0 44	13 1	1 40	31 14	7 22	6 0	6 19	13 12		n.a.
T 12	3 29	18 49	5 2	4 34	1 52	19 33	2 2	1 3	0 26	11 4	0 40	20 37	1 3	7 48	0 44	13 0	1 40	31 14	7 22	6 1	6 21	13 10		n.a.
W13	3 52	18 28	4 32	3 42	1 45	19 54	2 5	1 21	0 26	11 9	0 40	20 37	1 3	7 47	0 44	13 0	1 40	31 14	7 23	6 1	6 22	13 9		n.a.
T 14	4 15	16 57	3 45	2 48	1 37	20 15	2 7	1 38	0 25	11 14	0 40	20 37	1 3	7 46	0 44	12 59	1 40	31 14	7 23	6 0	6 23	13 8		n.a.
F 15	4 38	14 21	2 43	1 53	1 28	20 36	2 9	1 56	0 25	11 19	0 40	20 36	1 3	7 45	0 44	12 58	1 40	31 15	7 23	6 0	6 24	13 6		n.a.
S 16	5 1	10 50	1 30	0 57	1 19	20 56	2 11	2 13	0 24	11 23	0 40	20 36	1 3	7 44	0 44	12 58	1 40	31 15	7 23	5 59	6 26	13 5		n.a.
S 17	5 23	6 36	0 11	0n 1	1 10	21 15	2 13	2 31	0 23	11 28	0 39	20 36	1 3	7 42	0 44	12 57	1 40	31 15	7 24	5 59	6 27	13 4		n.a.
M18	5 46	1 58	1s 9	0 59	1 0	21 34	2 15	2 48	0 23	11 33	0 39	20 35	1 4	7 41	0 44	12 56	1 40	31 15	7 24	5 59	6 28	13 2		n.a.
T 19	6 8	2n44	2 24	1 58	0 51	21 53	2 17	3 5	0 22	11 38	0 39	20 35	1 4	7 40	0 44	12 56	1 40	31 16	7 24	6 0	6 29	13 1		n.a.
W20	6 31	7 13	3 28	2 58	0 40	22 11	2 19	3 23	0 22	11 43	0 39	20 35	1 4	7 39	0 44	12 55	1 40	31 16	7 24	6 1	6 31	13 0		n.a.
T 21	6 53	11 12	4 19	3 58	0 30	22 28	2 20	3 40	0 21	11 48	0 39	20 34	1 4	7 38	0 44	12 55	1 40	31 16	7 25	6 3	6 32	12 58		n.a.
F 22	7 15	14 29	4 53	4 59	0 19	22 45	2 22	3 57	0 21	11 52	0 39	20 34	1 4	7 37	0 44	12 54	1 40	31 16	7 25	6 5	6 33	12 57		n.a.
S 23	7 38	16 53	5 10	6 0	0 9	23 1	2 24	4 14	0 20	11 57	0 39	20 34	1 4	7 36	0 44	12 54	1 40	31 17	7 25	6 7	6 34	12 56		n.a.
S 24	8 0	18 22	5 10	7 1	0n 2	23 16	2 25	4 31	0 19	12 2	0 39	20 33	1 4	7 34	0 44	12 53	1 40	31 17	7 25	6 9	6 35	12 54		n.a.
M25	8 22	18 53	4 56	8 1	0 12	23 31	2 26	4 48	0 19	12 7	0 38	20 33	1 4	7 33	0 44	12 52	1 40	31 17	7 26	6 10	6 37	12 53		n.a.
T 26	8 43	18 31	4 28	9 1	0 23	23 46	2 28	5 5	0 18	12 12	0 38	20 32	1 4	7 32	0 44	12 52	1 40	31 18	7 26	6 10	6 38	12 51		n.a.
W27	9 5	17 18	3 49	10 0	0 33	24 0	2 29	5 22	0 18	12 17	0 38	20 32	1 4	7 31	0 44	12 51	1 40	31 18	7 26	6 11	6 39	12 50		n.a.
T 28	9 26	15 20	3 0	10 59	0 43	24 13	2 30	5 39	0 17	12 21	0 38	20 31	1 4	7 30	0 44	12 51	1 40	31 18	7 26	6 10	6 40	12 49		n.a.
F 29	9 48	12 44	2 4	11 55	0 52	24 25	2 31	5 56	0 16	12 26	0 38	20 31	1 3	7 29	0 44	12 50	1 40	31 18	7 27	6 10	6 42	12 47		n.a.
S 30	10n 9	9n37	1s 3	12n51	1n 2	24n37	2n32	6n13	0s16	12n31	0s38	20s30	1n 3	7s28	0s44	12s50	1s40	31s19	7s27	6n 9	6n43	12n46		n.a.

Julian Day Number = 1199936.5, Delta T = 09h23m34s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'33, Lahiri = -23°39'32 Julian Calendar 1 Apr. 1428 BCE == Greg. Calendar 19 March 1428 BCE

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

MAY 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 44 35	26♈46'59	14♍55	2♉46	9♊40	16♈49	4♉20	5°R10	13♓ 4	1♓ 8	0°R24	14°R39	13♍ 9	21♌41	n.a.	S 1
M 2	13 48 32	27°44'07	27° 0	4°54	10°45	17°31	4°33	5♐ 7	13° 7	1° 9	0♑24	14♍38	13° 5	21°47	n.a.	M 2
T 3	13 52 28	28°41'15	9♎18	7° 1	11°51	18°12	4°47	5° 4	13° 9	1°11	0°23	14°36	13° 2	21°54	n.a.	T 3
W 4	13 56 25	29°38'22	21°50	9° 6	12°56	18°53	5° 1	5° 1	13°12	1°12	0°23	14°31	12°59	22° 1	n.a.	W 4
T 5	14 0 21	0♉35'28	4♏38	11°10	14° 1	19°34	5°14	4°58	13°14	1°13	0°22	14°25	12°56	22° 7	n.a.	T 5
F 6	14 4 18	1°32'34	17°42	13°11	15° 6	20°15	5°28	4°54	13°17	1°15	0°22	14°17	12°53	22°14	n.a.	F 6
S 7	14 8 14	2°29'39	1♐ 1	15°11	16°11	20°56	5°42	4°51	13°19	1°16	0°21	14° 9	12°50	22°21	n.a.	S 7
S 8	14 12 11	3°26'44	14°32	17° 8	17°15	21°37	5°55	4°48	13°22	1°17	0°21	14° 2	12°46	22°27	n.a.	S 8
M 9	14 16 8	4°23'49	28°15	19° 4	18°20	22°18	6° 9	4°44	13°24	1°19	0°20	13°56	12°43	22°34	n.a.	M 9
T 10	14 20 4	5°20'54	12♑ 7	20°57	19°24	22°59	6°23	4°41	13°27	1°20	0°19	13°51	12°40	22°41	n.a.	T 10
W11	14 24 1	6°17'59	26° 7	22°48	20°27	23°40	6°36	4°37	13°29	1°21	0°19	13°49	12°37	22°47	n.a.	W11
T 12	14 27 57	7°15'04	10♒13	24°37	21°31	24°21	6°50	4°34	13°31	1°22	0°18	13°D49	12°34	22°54	n.a.	T 12
F 13	14 31 54	8°12'09	24°23	26°24	22°34	25° 1	7° 4	4°30	13°34	1°23	0°17	13°49	12°30	23° 1	n.a.	F 13
S 14	14 35 50	9° 9'14	8♓38	28° 8	23°37	25°42	7°18	4°26	13°36	1°24	0°17	13°R50	12°27	23° 7	n.a.	S 14
S 15	14 39 47	10° 6'19	22°54	29°50	24°40	26°23	7°31	4°22	13°38	1°26	0°16	13°50	12°24	23°14	n.a.	S 15
M16	14 43 43	11° 3'24	7♈ 8	1♊30	25°43	27° 3	7°45	4°18	13°40	1°27	0°15	13°48	12°21	23°21	n.a.	M16
T 17	14 47 40	12° 0'29	21°18	3° 7	26°45	27°44	7°59	4°15	13°43	1°28	0°14	13°43	12°18	23°27	n.a.	T 17
W18	14 51 37	12°57'34	5♉19	4°43	27°47	28°25	8°12	4°11	13°45	1°29	0°13	13°36	12°15	23°34	n.a.	W18
T 19	14 55 33	13°54'39	19° 7	6°15	28°49	29° 5	8°26	4° 7	13°47	1°30	0°13	13°27	12°11	23°40	n.a.	T 19
F 20	14 59 30	14°51'44	2♊37	7°46	29°51	29°46	8°40	4° 3	13°49	1°31	0°12	13°17	12° 8	23°47	n.a.	F 20
S 21	15 3 26	15°48'49	15°48	9°14	0♋52	0♉26	8°53	3°59	13°51	1°31	0°11	13° 7	12° 5	23°54	n.a.	S 21
S 22	15 7 23	16°45'54	28°39	10°40	1°53	1° 6	9° 7	3°54	13°53	1°32	0°10	12°58	12° 2	24° 0	n.a.	S 22
M23	15 11 19	17°42'59	11♋10	12° 4	2°53	1°47	9°20	3°50	13°55	1°33	0° 9	12°51	11°59	24° 7	n.a.	M23
T 24	15 15 16	18°40'03	23°24	13°25	3°53	2°27	9°34	3°46	13°57	1°34	0° 8	12°45	11°56	24°14	n.a.	T 24
W25	15 19 13	19°37'08	5♌25	14°43	4°53	3° 7	9°48	3°42	13°58	1°35	0° 7	12°43	11°52	24°20	n.a.	W25
T 26	15 23 9	20°34'13	17°18	15°59	5°53	3°47	10° 1	3°38	14° 0	1°35	0° 6	12°D41	11°49	24°27	n.a.	T 26
F 27	15 27 6	21°31'17	29° 7	17°12	6°52	4°27	10°15	3°33	14° 2	1°36	0° 5	12°42	11°46	24°34	n.a.	F 27
S 28	15 31 2	22°28'21	10♍58	18°23	7°51	5° 7	10°28	3°29	14° 4	1°37	0° 4	12°R42	11°43	24°40	n.a.	S 28
S 29	15 34 59	23°25'26	22°56	19°31	8°49	5°47	10°42	3°25	14° 5	1°38	0° 3	12°42	11°40	24°47	n.a.	S 29
M30	15 38 55	24°22'30	5♎ 6	20°37	9°47	6°27	10°55	3°20	14° 7	1°38	0° 2	12°39	11°36	24°54	n.a.	M30
T 31	15 42 52	25♉19'35	17♎32	21♊39	10♋45	7♉ 7	11♉ 9	3♐16	14♓ 9	1♓39	0♑ 1	12♍35	11♍33	25♌ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n30	6n 4	0n 1	13n45	1n10	24n48	2n33	6n29	0s15	12n36	0s38	20s30	1n 3	7s27	0s44	12s49	1s41	31s19	7s27	6n 9	6n44	12n45		n.a.
M 2	10 51	2 14	1 7	14 37	1 19	24 59	2 33	6 46	0 15	12 40	0 38	20 29	1 3	7 26	0 45	12 49	1 41	31 19	7 27	6 9	6 45	12 43		n.a.
T 3	11 12	1s46	2 10	15 27	1 26	25 9	2 34	7 3	0 14	12 45	0 38	20 29	1 3	7 25	0 45	12 49	1 41	31 19	7 28	6 10	6 47	12 42		n.a.
W 4	11 32	5 46	3 8	16 15	1 33	25 18	2 35	7 19	0 13	12 50	0 37	20 28	1 3	7 24	0 45	12 48	1 41	31 20	7 28	6 12	6 48	12 40		n.a.
T 5	11 53	9 35	3 57	17 1	1 40	25 27	2 35	7 35	0 13	12 55	0 37	20 28	1 3	7 23	0 45	12 48	1 41	31 20	7 28	6 14	6 49	12 39		n.a.
F 6	12 13	13 0	4 35	17 45	1 46	25 35	2 35	7 52	0 12	12 59	0 37	20 27	1 3	7 22	0 45	12 47	1 41	31 20	7 28	6 17	6 50	12 38		n.a.
S 7	12 33	15 50	5 0	18 26	1 51	25 42	2 35	8 8	0 12	13 4	0 37	20 26	1 3	7 21	0 45	12 47	1 41	31 20	7 29	6 21	6 52	12 36		n.a.
S 8	12 53	17 51	5 7	19 5	1 55	25 49	2 35	8 24	0 11	13 9	0 37	20 26	1 3	7 20	0 45	12 46	1 41	31 21	7 29	6 23	6 53	12 35		n.a.
M 9	13 13	18 53	4 58	19 42	1 59	25 55	2 35	8 40	0 10	13 14	0 37	20 25	1 3	7 19	0 45	12 46	1 41	31 21	7 29	6 26	6 54	12 33		n.a.
T 10	13 32	18 48	4 31	20 16	2 2	26 0	2 35	8 56	0 10	13 18	0 37	20 25	1 3	7 18	0 45	12 46	1 41	31 21	7 29	6 28	6 55	12 32		n.a.
W11	13 51	17 34	3 48	20 48	2 4	26 5	2 35	9 12	0 9	13 23	0 37	20 24	1 3	7 17	0 45	12 45	1 41	31 21	7 30	6 28	6 57	12 31		n.a.
T 12	14 10	15 15	2 51	21 17	2 6	26 9	2 34	9 28	0 9	13 28	0 37	20 23	1 3	7 16	0 45	12 45	1 41	31 22	7 30	6 29	6 58	12 29		n.a.
F 13	14 29	12 1	1 43	21 45	2 7	26 12	2 33	9 44	0 8	13 32	0 37	20 23	1 3	7 16	0 45	12 44	1 41	31 22	7 30	6 28	6 59	12 28		n.a.
S 14	14 48	8 3	0 28	22 9	2 7	26 15	2 33	9 59	0 7	13 37	0 36	20 22	1 3	7 15	0 45	12 44	1 41	31 22	7 30	6 28	7 0	12 26		n.a.
S 15	15 6	3 36	0s48	22 32	2 7	26 17	2 32	10 15	0 7	13 41	0 36	20 21	1 3	7 14	0 45	12 44	1 41	31 22	7 31	6 28	7 1	12 25		n.a.
M16	15 24	1n 2	2 2	22 53	2 6	26 18	2 31	10 30	0 6	13 46	0 36	20 21	1 3	7 13	0 45	12 43	1 41	31 22	7 31	6 29	7 3	12 24		n.a.
T 17	15 42	5 34	3 7	23 11	2 4	26 19	2 30	10 46	0 6	13 51	0 36	20 20	1 3	7 12	0 45	12 43	1 41	31 23	7 31	6 31	7 4	12 22		n.a.
W18	16 0	9 46	4 0	23 27	2 2	26 19	2 28	11 1	0 5	13 55	0 36	20 19	1 3	7 11	0 45	12 43	1 42	31 23	7 31	6 33	7 5	12 21		n.a.
T 19	16 18	13 22	4 38	23 41	1 59	26 18	2 27	11 16	0 4	14 0	0 36	20 19	1 3	7 11	0 45	12 43	1 42	31 23	7 31	6 37	7 6	12 19		n.a.
F 20	16 35	16 10	4 59	23 53	1 55	26 17	2 25	11 31	0 4	14 4	0 36	20 18	1 3	7 10	0 45	12 42	1 42	31 23	7 32	6 41	7 8	12 18		n.a.
S 21	16 52	18 3	5 4	24 3	1 51	26 15	2 24	11 46	0 3	14 9	0 36	20 17	1 3	7 9	0 45	12 42	1 42	31 24	7 32	6 45	7 9	12 16		n.a.
S 22	17 8	18 58	4 53	24 12	1 46	26 13	2 22	12 1	0 3	14 13	0 36	20 16	1 3	7 8	0 45	12 42	1 42	31 24	7 32	6 48	7 10	12 15		n.a.
M23	17 25	18 56	4 28	24 18	1 41	26 9	2 20	12 16	0 2	14 18	0 36	20 16	1 3	7 8	0 45	12 41	1 42	31 24	7 32	6 51	7 11	12 13		n.a.
T 24	17 41	17 59	3 52	24 23	1 35	26 6	2 18	12 31	0 1	14 22	0 36	20 15	1 3	7 7	0 45	12 41	1 42	31 24	7 33	6 53	7 13	12 12		n.a.
W25	17 57	16 15	3 5	24 26	1 28	26 1	2 15	12 45	0 1	14 27	0 35	20 14	1 3	7 6	0 45	12 41	1 42	31 24	7 33	6 54	7 14	12 11		n.a.
T 26	18 12	13 50	2 11	24 27	1 21	25 56	2 13	13 0	0 0	14 31	0 35	20 13	1 3	7 6	0 45	12 41	1 42	31 25	7 33	6 55	7 15	12 9		n.a.
F 27	18 28	10 52	1 12	24 27	1 14	25 51	2 10	13 14	0n 0	14 36	0 35	20 13	1 3	7 5	0 45	12 41	1 42	31 25	7 33	6 55	7 16	12 8		n.a.
S 28	18 43	7 26	0 9	24 26	1 5	25 44	2 7	13 29	0 1	14 40	0 35	20 12	1 2	7 4	0 45	12 40	1 42	31 25	7 33	6 55	7 18	12 6		n.a.
S 29	18 57	3 41	0n54	24 23	0 57	25 38	2 4	13 43	0 2	14 44	0 35	20 11	1 2	7 4	0 45	12 40	1 42	31 25	7 34	6 55	7 19	12 5		n.a.
M30	19 12	0s17	1 56	24 19	0 47	25 30	2 1	13 57	0 2	14 49	0 35	20 10	1 2	7 3	0 45	12 40	1 42	31 25	7 34	6 56	7 20	12 3		n.a.
T 31	19n26	4s20	2n54	24n13	0n38	25n22	1n58	14n11	0n 3	14n53	0s35	20s10	1n 2	7s 2	0s45	12s40	1s42	31s26	7s34	6n57	7n21	12n 2		n.a.

Julian Day Number = 1199966.5, Delta T = 09h23m32s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'29, Lahiri = -23°39'28 Julian Calendar 1 May 1428 BCE == Greg. Calendar 18 Apr. 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

JUNE 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 46 48	26♉16'40	0♏17	22♊38	11♋42	7♉47	11♉22	3°R12	14♓10	1♓39	0°R 0	12°R28	11♍30	25♌ 7	n.a.	W 1
T 2	15 50 45	27°13'45	13°22	23°35	12°39	8°27	11°35	3♐ 7	14°12	1°40	29♐59	12♍19	11°27	25°14	n.a.	T 2
F 3	15 54 42	28°10'50	26°47	24°28	13°35	9° 7	11°49	3° 3	14°13	1°40	29°58	12° 8	11°24	25°20	n.a.	F 3
S 4	15 58 38	29° 7'57	10♐30	25°17	14°30	9°47	12° 2	2°59	14°15	1°41	29°57	11°56	11°21	25°27	n.a.	S 4
S 5	16 2 35	0♊ 5'03	24°27	26° 4	15°26	10°26	12°16	2°54	14°16	1°41	29°56	11°46	11°17	25°34	n.a.	S 5
M 6	16 6 31	1° 2'11	8♋34	26°47	16°20	11° 6	12°29	2°50	14°17	1°42	29°54	11°36	11°14	25°40	n.a.	M 6
T 7	16 10 28	1°59'19	22°47	27°26	17°15	11°46	12°42	2°45	14°19	1°42	29°53	11°29	11°11	25°47	n.a.	T 7
W 8	16 14 24	2°56'28	7♒ 1	28° 1	18° 8	12°25	12°55	2°41	14°20	1°42	29°52	11°25	11° 8	25°54	n.a.	W 8
T 9	16 18 21	3°53'38	21°13	28°32	19° 1	13° 5	13° 9	2°36	14°21	1°43	29°51	11°24	11° 5	26° 0	n.a.	T 9
F 10	16 22 18	4°50'49	5♓22	28°59	19°54	13°45	13°22	2°32	14°22	1°43	29°50	11°23	11° 1	26° 7	n.a.	F 10
S 11	16 26 14	5°48'01	19°26	29°21	20°46	14°24	13°35	2°28	14°23	1°43	29°49	11°23	10°58	26°14	n.a.	S 11
S 12	16 30 11	6°45'14	3♈25	29°39	21°37	15° 3	13°48	2°23	14°24	1°43	29°47	11°22	10°55	26°20	n.a.	S 12
M13	16 34 7	7°42'28	17°18	29°53	22°28	15°43	14° 1	2°19	14°25	1°44	29°46	11°19	10°52	26°27	n.a.	M13
T 14	16 38 4	8°39'43	1♉ 3	0♋ 1	23°18	16°22	14°14	2°14	14°26	1°44	29°45	11°13	10°49	26°33	n.a.	T 14
W15	16 42 0	9°36'59	14°40	0°R 5	24° 7	17° 2	14°27	2°10	14°27	1°44	29°44	11° 4	10°46	26°40	n.a.	W15
T 16	16 45 57	10°34'16	28° 4	0° 4	24°56	17°41	14°40	2° 6	14°28	1°44	29°42	10°53	10°42	26°47	n.a.	T 16
F 17	16 49 53	11°31'34	11♊16	29♊57	25°44	18°20	14°53	2° 1	14°29	1°44	29°41	10°41	10°39	26°53	n.a.	F 17
S 18	16 53 50	12°28'54	24°12	29°46	26°31	18°59	15° 6	1°57	14°30	1°R44	29°40	10°28	10°36	27° 0	n.a.	S 18
S 19	16 57 47	13°26'14	6♋51	29°29	27°17	19°39	15°19	1°53	14°30	1°44	29°39	10°16	10°33	27° 7	n.a.	S 19
M20	17 1 43	14°23'35	19°15	29° 8	28° 3	20°18	15°31	1°48	14°31	1°44	29°37	10° 6	10°30	27°13	n.a.	M20
T 21	17 5 40	15°20'56	1♌25	28°42	28°47	20°57	15°44	1°44	14°32	1°44	29°36	9°59	10°27	27°20	n.a.	T 21
W22	17 9 36	16°18'19	13°23	28°11	29°31	21°36	15°57	1°40	14°32	1°44	29°35	9°54	10°23	27°27	n.a.	W22
T 23	17 13 33	17°15'43	25°14	27°36	0♌14	22°15	16° 9	1°36	14°33	1°44	29°33	9°52	10°20	27°33	n.a.	T 23
F 24	17 17 29	18°13'07	7♍ 2	26°58	0°56	22°54	16°22	1°31	14°33	1°43	29°32	9°D51	10°17	27°40	n.a.	F 24
S 25	17 21 26	19°10'32	18°52	26°16	1°36	23°33	16°34	1°27	14°34	1°43	29°31	9°R51	10°14	27°47	n.a.	S 25
S 26	17 25 23	20° 7'59	0♎50	25°32	2°16	24°12	16°47	1°23	14°34	1°43	29°29	9°51	10°11	27°53	n.a.	S 26
M27	17 29 19	21° 5'26	13° 1	24°46	2°55	24°50	16°59	1°19	14°34	1°43	29°28	9°49	10° 7	28° 0	n.a.	M27
T 28	17 33 16	22° 2'54	25°30	23°58	3°32	25°29	17°12	1°15	14°34	1°42	29°27	9°45	10° 4	28° 7	n.a.	T 28
W29	17 37 12	23° 0'23	8♏22	23°11	4° 9	26° 8	17°24	1°11	14°35	1°42	29°25	9°39	10° 1	28°13	n.a.	W29
T 30	17 41 9	23♊57'54	21♏37	22♊24	4♌44	26♉47	17♉36	1♐ 7	14♓35	1♓42	29♐24	9♍30	9♍58	28♌20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n40	8s16	3n44	24n 6	0n27	25n14	1n54	14n24	0n 4	14n57	0s35	20s 9	1n 2	7s 2	0s45	12s40	1s42	31s26	7s34	7n 0	7n22	12n 0		n.a.
T 2	19 53	11 56	4 24	23 59	0 17	25 5	1 51	14 38	0 4	15 1	0 35	20 8	1 2	7 1	0 45	12 40	1 42	31 26	7 34	7 4	7 24	11 59		n.a.
F 3	20 6	15 4	4 51	23 50	0 5	24 56	1 47	14 52	0 5	15 6	0 35	20 7	1 2	7 1	0 45	12 39	1 43	31 26	7 35	7 8	7 25	11 58		n.a.
S 4	20 19	17 27	5 1	23 40	0s 6	24 46	1 43	15 5	0 5	15 10	0 35	20 6	1 2	7 0	0 45	12 39	1 43	31 26	7 35	7 12	7 26	11 56		n.a.
S 5	20 31	18 51	4 54	23 30	0 18	24 35	1 39	15 18	0 6	15 14	0 35	20 6	1 2	7 0	0 46	12 39	1 43	31 26	7 35	7 16	7 27	11 55		n.a.
M 6	20 44	19 6	4 29	23 19	0 31	24 24	1 34	15 32	0 7	15 18	0 35	20 5	1 2	6 59	0 46	12 39	1 43	31 27	7 35	7 20	7 29	11 53		n.a.
T 7	20 55	18 10	3 47	23 7	0 43	24 12	1 30	15 45	0 7	15 23	0 34	20 4	1 2	6 59	0 46	12 39	1 43	31 27	7 35	7 23	7 30	11 52		n.a.
W 8	21 7	16 5	2 51	22 54	0 57	24 1	1 25	15 58	0 8	15 27	0 34	20 3	1 2	6 58	0 46	12 39	1 43	31 27	7 35	7 24	7 31	11 50		n.a.
T 9	21 18	13 2	1 45	22 41	1 10	23 48	1 20	16 10	0 8	15 31	0 34	20 3	1 2	6 58	0 46	12 39	1 43	31 27	7 36	7 25	7 32	11 49		n.a.
F 10	21 29	9 13	0 32	22 28	1 24	23 35	1 15	16 23	0 9	15 35	0 34	20 2	1 1	6 57	0 46	12 39	1 43	31 27	7 36	7 25	7 33	11 47		n.a.
S 11	21 39	4 54	0s43	22 14	1 38	23 22	1 9	16 36	0 10	15 39	0 34	20 1	1 1	6 57	0 46	12 39	1 43	31 27	7 36	7 25	7 35	11 46		n.a.
S 12	21 49	0 21	1 54	22 0	1 52	23 8	1 4	16 48	0 10	15 43	0 34	20 0	1 1	6 57	0 46	12 39	1 43	31 28	7 36	7 26	7 36	11 44		n.a.
M13	21 59	4n11	2 58	21 46	2 6	22 54	0 58	17 0	0 11	15 47	0 34	19 59	1 1	6 56	0 46	12 39	1 43	31 28	7 36	7 27	7 37	11 43		n.a.
T 14	22 8	8 27	3 51	21 32	2 20	22 40	0 52	17 13	0 12	15 51	0 34	19 59	1 1	6 56	0 46	12 39	1 43	31 28	7 36	7 29	7 38	11 41		n.a.
W15	22 17	12 14	4 30	21 18	2 34	22 25	0 46	17 25	0 12	15 55	0 34	19 58	1 1	6 56	0 46	12 39	1 43	31 28	7 36	7 32	7 40	11 40		n.a.
T 16	22 25	15 19	4 53	21 4	2 48	22 10	0 40	17 37	0 13	15 59	0 34	19 57	1 1	6 55	0 46	12 39	1 43	31 28	7 37	7 37	7 41	11 38		n.a.
F 17	22 34	17 34	5 0	20 50	3 2	21 55	0 33	17 48	0 13	16 3	0 34	19 56	1 1	6 55	0 46	12 39	1 43	31 28	7 37	7 42	7 42	11 37		n.a.
S 18	22 41	18 52	4 52	20 37	3 15	21 39	0 26	18 0	0 14	16 7	0 34	19 55	1 1	6 55	0 46	12 39	1 43	31 28	7 37	7 46	7 43	11 35		n.a.
S 19	22 49	19 12	4 29	20 24	3 28	21 23	0 19	18 11	0 15	16 11	0 34	19 55	1 1	6 55	0 46	12 39	1 44	31 29	7 37	7 51	7 44	11 34		n.a.
M20	22 56	18 35	3 54	20 12	3 40	21 7	0 12	18 23	0 15	16 14	0 34	19 54	1 0	6 54	0 46	12 39	1 44	31 29	7 37	7 55	7 46	11 32		n.a.
T 21	23 2	17 8	3 9	20 0	3 51	20 50	0 5	18 34	0 16	16 18	0 34	19 53	1 0	6 54	0 46	12 39	1 44	31 29	7 37	7 58	7 47	11 31		n.a.
W22	23 8	14 56	2 15	19 49	4 1	20 34	0s 3	18 45	0 17	16 22	0 33	19 52	1 0	6 54	0 46	12 39	1 44	31 29	7 37	7 59	7 48	11 29		n.a.
T 23	23 14	12 8	1 17	19 40	4 11	20 17	0 11	18 56	0 17	16 26	0 33	19 52	1 0	6 54	0 46	12 40	1 44	31 29	7 37	8 0	7 49	11 28		n.a.
F 24	23 20	8 51	0 15	19 31	4 19	20 0	0 19	19 7	0 18	16 29	0 33	19 51	1 0	6 54	0 46	12 40	1 44	31 29	7 38	8 0	7 51	11 26		n.a.
S 25	23 25	5 13	0n48	19 23	4 25	19 42	0 27	19 17	0 18	16 33	0 33	19 50	1 0	6 53	0 46	12 40	1 44	31 29	7 38	8 0	7 52	11 25		n.a.
S 26	23 29	1 19	1 49	19 17	4 31	19 25	0 36	19 28	0 19	16 37	0 33	19 49	1 0	6 53	0 46	12 40	1 44	31 29	7 38	8 1	7 53	11 23		n.a.
M27	23 33	2s41	2 46	19 11	4 34	19 7	0 45	19 38	0 20	16 40	0 33	19 49	1 0	6 53	0 46	12 40	1 44	31 29	7 38	8 1	7 54	11 22		n.a.
T 28	23 37	6 40	3 37	19 8	4 36	18 50	0 54	19 48	0 20	16 44	0 33	19 48	1 0	6 53	0 46	12 40	1 44	31 30	7 38	8 3	7 55	11 20		n.a.
W29	23 40	10 28	4 19	19 5	4 36	18 32	1 3	19 58	0 21	16 48	0 33	19 47	0 59	6 53	0 46	12 40	1 44	31 30	7 38	8 5	7 57	11 19		n.a.
T 30	23n43	13s52	4n48	19n 5	4s34	18n14	1s13	20n 8	0n22	16n51	0s33	19s47	0n59	6s53	0s46	12s41	1s44	31s30	7s38	8n 9	7n58	11n17		n.a.

Julian Day Number = 1199997.5, Delta T = 09h23m30s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'24, Lahiri = -23°39'24 Julian Calendar 1 June 1428 BCE == Greg. Calendar 19 May 1428 BCE

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

JULY 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 45 5	24♊55'25	5♐17	21°R39	5♌17	27♉25	17♉48	1°R 3	14♓35	1°R41	29°R23	9°R20	9♍55	28♌26	n.a.	F 1
S 2	17 49 2	25°52'58	19°20	20♊56	5°50	28° 4	18° 0	1♐ 0	14°35	1♓41	29♐21	9♍ 9	9°52	28°33	n.a.	S 2
S 3	17 52 58	26°50'32	3♋41	20°16	6°21	28°43	18°12	0°56	14°R35	1°40	29°20	8°58	9°48	28°40	n.a.	S 3
M 4	17 56 55	27°48'08	18°13	19°41	6°50	29°21	18°24	0°52	14°35	1°40	29°19	8°49	9°45	28°46	n.a.	M 4
T 5	18 0 52	28°45'45	2♒50	19°11	7°18	29°59	18°36	0°48	14°35	1°39	29°17	8°43	9°42	28°53	n.a.	T 5
W 6	18 4 48	29°43'24	17°26	18°46	7°45	0♊38	18°48	0°45	14°35	1°39	29°16	8°39	9°39	29° 0	n.a.	W 6
T 7	18 8 45	0♋41'05	1♓55	18°27	8°10	1°17	19° 0	0°41	14°35	1°38	29°14	8°37	9°36	29° 6	n.a.	T 7
F 8	18 12 41	1°38'47	16°13	18°15	8°33	1°55	19°12	0°38	14°35	1°37	29°13	8°D37	9°33	29°13	n.a.	F 8
S 9	18 16 38	2°36'31	0♈18	18°D10	8°55	2°34	19°23	0°34	14°34	1°37	29°12	8°R38	9°29	29°20	n.a.	S 9
S 10	18 20 34	3°34'17	14°11	18°12	9°15	3°12	19°35	0°31	14°34	1°36	29°10	8°37	9°26	29°26	n.a.	S 10
M11	18 24 31	4°32'05	27°50	18°22	9°33	3°50	19°46	0°28	14°34	1°35	29° 9	8°35	9°23	29°33	n.a.	M11
T 12	18 28 27	5°29'55	11♉17	18°39	9°49	4°29	19°58	0°24	14°33	1°35	29° 8	8°30	9°20	29°40	n.a.	T 12
W13	18 32 24	6°27'46	24°32	19° 5	10° 3	5° 7	20° 9	0°21	14°33	1°34	29° 6	8°23	9°17	29°46	n.a.	W13
T 14	18 36 21	7°25'40	7♊35	19°37	10°15	5°45	20°20	0°18	14°32	1°33	29° 5	8°14	9°13	29°53	n.a.	T 14
F 15	18 40 17	8°23'36	20°25	20°18	10°25	6°23	20°31	0°15	14°32	1°32	29° 4	8° 4	9°10	29°59	n.a.	F 15
S 16	18 44 14	9°21'33	3♋ 2	21° 5	10°33	7° 1	20°43	0°12	14°31	1°31	29° 2	7°53	9° 7	0♍ 6	n.a.	S 16
S 17	18 48 10	10°19'32	15°27	22° 0	10°39	7°39	20°54	0° 9	14°30	1°30	29° 1	7°43	9° 4	0°13	n.a.	S 17
M18	18 52 7	11°17'33	27°40	23° 2	10°43	8°17	21° 4	0° 7	14°30	1°29	29° 0	7°35	9° 1	0°20	n.a.	M18
T 19	18 56 3	12°15'35	9♌42	24°10	10°R44	8°55	21°15	0° 4	14°29	1°29	28°58	7°29	8°58	0°26	n.a.	T 19
W20	19 0 0	13°13'39	21°35	25°25	10°43	9°33	21°26	0° 1	14°28	1°28	28°57	7°25	8°54	0°33	n.a.	W20
T 21	19 3 56	14°11'45	3♍23	26°45	10°40	10°11	21°37	29♏59	14°27	1°27	28°56	7°D24	8°51	0°39	n.a.	T 21
F 22	19 7 53	15° 9'52	15°10	28°11	10°35	10°49	21°47	29°56	14°26	1°26	28°54	7°24	8°48	0°46	n.a.	F 22
S 23	19 11 50	16° 8'01	26°59	29°41	10°27	11°27	21°58	29°54	14°26	1°25	28°53	7°25	8°45	0°53	n.a.	S 23
S 24	19 15 46	17° 6'12	8♎55	1♋16	10°16	12° 5	22° 8	29°52	14°25	1°23	28°52	7°26	8°42	0°59	n.a.	S 24
M25	19 19 43	18° 4'24	21° 5	2°56	10° 3	12°43	22°18	29°49	14°24	1°22	28°51	7°R26	8°39	1° 6	n.a.	M25
T 26	19 23 39	19° 2'38	3♏33	4°38	9°48	13°20	22°28	29°47	14°22	1°21	28°49	7°25	8°35	1°13	n.a.	T 26
W27	19 27 36	20° 0'54	16°23	6°24	9°31	13°58	22°39	29°45	14°21	1°20	28°48	7°22	8°32	1°19	n.a.	W27
T 28	19 31 32	20°59'11	29°40	8°11	9°11	14°36	22°48	29°43	14°20	1°19	28°47	7°17	8°29	1°26	n.a.	T 28
F 29	19 35 29	21°57'30	13♐24	10° 1	8°49	15°13	22°58	29°41	14°19	1°18	28°46	7°11	8°26	1°33	n.a.	F 29
S 30	19 39 25	22°55'51	27°35	11°53	8°25	15°51	23° 8	29°40	14°18	1°16	28°44	7° 4	8°23	1°39	n.a.	S 30
S 31	19 43 22	23♋54'14	12♋ 9	13♋46	7♌59	16♊28	23♉18	29♏38	14♓16	1♓15	28♐43	6♍57	8♍19	1♍46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n46	16s37	5n 1	19n 6	4s30	17n57	1s23	20n17	0n22	16n55	0s33	19s46	0n59	6s53	0s46	12s41	1s44	31s30	7s38	8n13	7n59	11n16		n.a.
S 2	23 48	18 29	4 57	19 8	4 25	17 39	1 33	20 27	0 23	16 58	0 33	19 45	0 59	6 53	0 46	12 41	1 44	31 30	7 38	8 17	8 0	11 14		n.a.
S 3	23 49	19 14	4 35	19 13	4 18	17 21	1 43	20 36	0 24	17 2	0 33	19 45	0 59	6 53	0 47	12 41	1 44	31 30	7 38	8 21	8 2	11 13		n.a.
M 4	23 50	18 44	3 54	19 19	4 9	17 4	1 53	20 45	0 24	17 5	0 33	19 44	0 59	6 53	0 47	12 42	1 45	31 30	7 39	8 24	8 3	11 11		n.a.
T 5	23 51	16 59	2 58	19 27	3 59	16 46	2 4	20 55	0 25	17 8	0 33	19 43	0 59	6 53	0 47	12 42	1 45	31 30	7 39	8 27	8 4	11 10		n.a.
W 6	23 52	14 8	1 50	19 36	3 47	16 29	2 15	21 3	0 25	17 12	0 33	19 43	0 59	6 53	0 47	12 42	1 45	31 30	7 39	8 28	8 5	11 8		n.a.
T 7	23 51	10 26	0 36	19 47	3 34	16 12	2 26	21 12	0 26	17 15	0 33	19 42	0 58	6 53	0 47	12 42	1 45	31 30	7 39	8 29	8 6	11 7		n.a.
F 8	23 51	6 9	0s40	20 0	3 21	15 54	2 38	21 21	0 27	17 18	0 33	19 42	0 58	6 54	0 47	12 43	1 45	31 30	7 39	8 29	8 8	11 5		n.a.
S 9	23 50	1 36	1 53	20 14	3 6	15 38	2 49	21 29	0 27	17 22	0 33	19 41	0 58	6 54	0 47	12 43	1 45	31 30	7 39	8 29	8 9	11 3		n.a.
S 10	23 49	2n58	2 58	20 30	2 51	15 21	3 1	21 37	0 28	17 25	0 33	19 40	0 58	6 54	0 47	12 43	1 45	31 30	7 39	8 29	8 10	11 2		n.a.
M11	23 47	7 18	3 51	20 46	2 35	15 4	3 13	21 45	0 29	17 28	0 33	19 40	0 58	6 54	0 47	12 44	1 45	31 30	7 39	8 30	8 11	11 0		n.a.
T 12	23 45	11 11	4 31	21 4	2 19	14 48	3 25	21 53	0 29	17 31	0 32	19 39	0 58	6 54	0 47	12 44	1 45	31 30	7 39	8 31	8 13	10 59		n.a.
W13	23 42	14 28	4 56	21 22	2 2	14 33	3 38	22 1	0 30	17 34	0 32	19 39	0 58	6 54	0 47	12 44	1 45	31 30	7 39	8 34	8 14	10 57		n.a.
T 14	23 39	16 57	5 4	21 42	1 45	14 17	3 50	22 9	0 30	17 37	0 32	19 38	0 57	6 55	0 47	12 45	1 45	31 30	7 39	8 38	8 15	10 56		n.a.
F 15	23 35	18 34	4 57	22 1	1 29	14 2	4 3	22 16	0 31	17 41	0 32	19 38	0 57	6 55	0 47	12 45	1 45	31 31	7 39	8 42	8 16	10 54		n.a.
S 16	23 31	19 14	4 36	22 21	1 13	13 48	4 16	22 23	0 32	17 44	0 32	19 37	0 57	6 55	0 47	12 45	1 45	31 31	7 39	8 46	8 17	10 53		n.a.
S 17	23 27	18 57	4 2	22 40	0 57	13 34	4 29	22 30	0 32	17 47	0 32	19 37	0 57	6 55	0 47	12 46	1 45	31 31	7 39	8 49	8 19	10 51		n.a.
M18	23 22	17 47	3 17	23 0	0 41	13 20	4 42	22 37	0 33	17 49	0 32	19 36	0 57	6 56	0 47	12 46	1 45	31 31	7 39	8 52	8 20	10 49		n.a.
T 19	23 17	15 50	2 23	23 18	0 26	13 7	4 55	22 44	0 34	17 52	0 32	19 36	0 57	6 56	0 47	12 46	1 45	31 31	7 39	8 55	8 21	10 48		n.a.
W20	23 11	13 14	1 24	23 36	0 11	12 55	5 8	22 50	0 34	17 55	0 32	19 36	0 56	6 56	0 47	12 47	1 45	31 31	7 39	8 56	8 22	10 46		n.a.
T 21	23 5	10 6	0 22	23 52	0n 3	12 43	5 22	22 57	0 35	17 58	0 32	19 35	0 56	6 57	0 47	12 47	1 45	31 31	7 39	8 57	8 23	10 45		n.a.
F 22	22 59	6 35	0n42	24 7	0 16	12 32	5 35	23 3	0 36	18 1	0 32	19 35	0 56	6 57	0 47	12 48	1 46	31 31	7 39	8 57	8 25	10 43		n.a.
S 23	22 52	2 48	1 44	24 20	0 28	12 21	5 48	23 9	0 36	18 4	0 32	19 34	0 56	6 58	0 47	12 48	1 46	31 31	7 39	8 56	8 26	10 42		n.a.
S 24	22 45	1s 7	2 42	24 31	0 40	12 11	6 1	23 15	0 37	18 7	0 32	19 34	0 56	6 58	0 47	12 49	1 46	31 31	7 39	8 56	8 27	10 40		n.a.
M25	22 37	5 4	3 34	24 40	0 50	12 2	6 14	23 20	0 38	18 9	0 32	19 34	0 56	6 58	0 47	12 49	1 46	31 31	7 39	8 56	8 28	10 38		n.a.
T 26	22 29	8 53	4 17	24 47	1 0	11 54	6 26	23 26	0 38	18 12	0 32	19 33	0 56	6 59	0 47	12 49	1 46	31 31	7 39	8 56	8 30	10 37		n.a.
W27	22 20	12 25	4 49	24 51	1 9	11 47	6 39	23 31	0 39	18 15	0 32	19 33	0 55	6 59	0 47	12 50	1 46	31 31	7 39	8 57	8 31	10 35		n.a.
T 28	22 11	15 27	5 6	24 53	1 17	11 40	6 51	23 36	0 40	18 17	0 32	19 33	0 55	7 0	0 47	12 50	1 46	31 30	7 39	8 59	8 32	10 34		n.a.
F 29	22 2	17 43	5 7	24 52	1 24	11 35	7 2	23 41	0 40	18 20	0 32	19 33	0 55	7 0	0 47	12 51	1 46	31 30	7 39	9 1	8 33	10 32		n.a.
S 30	21 52	19 0	4 50	24 48	1 30	11 30	7 14	23 46	0 41	18 22	0 32	19 32	0 55	7 1	0 47	12 51	1 46	31 30	7 39	9 4	8 34	10 31		n.a.
S 31	21n42	19s 5	4n13	24n42	1n35	11n26	7s25	23n51	0n41	18n25	0s32	19s32	0n55	7s 1	0s47	12s52	1s46	31s30	7s39	9n 7	8n36	10n29		n.a.

Julian Day Number = 1200027.5, Delta T = 09h23m28s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'20, Lahiri = -23°39'20 Julian Calendar 1 July 1428 BCE == Greg. Calendar 18 June 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

AUGUST 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 47 18	24♋52'38	26♉59	15♋39	7°R31	17♊ 6	23♉27	29°R36	14°R15	1°R14	28°R42	6°R52	8♍16	1♍53	n.a.	M 1
T 2	19 51 15	25°51'05	11♒58	17°34	7♌ 1	17°43	23°37	29♏35	14♓14	1♓13	28♐41	6♍48	8°13	1°59	n.a.	T 2
W 3	19 55 12	26°49'34	26°56	19°28	6°30	18°21	23°46	29°33	14°12	1°11	28°40	6°46	8°10	2° 6	n.a.	W 3
T 4	19 59 8	27°48'05	11♓47	21°22	5°57	18°58	23°55	29°32	14°11	1°10	28°39	6°D45	8° 7	2°13	n.a.	T 4
F 5	20 3 5	28°46'38	26°23	23°17	5°23	19°35	24° 4	29°31	14° 9	1° 9	28°37	6°46	8° 4	2°19	n.a.	F 5
S 6	20 7 1	29°45'14	10♈40	25°11	4°48	20°13	24°13	29°30	14° 8	1° 7	28°36	6°48	8° 0	2°26	n.a.	S 6
S 7	20 10 58	0♌43'52	24°37	27° 4	4°13	20°50	24°22	29°29	14° 6	1° 6	28°35	6°R49	7°57	2°32	n.a.	S 7
M 8	20 14 54	1°42'32	8♉15	28°57	3°36	21°27	24°31	29°28	14° 5	1° 5	28°34	6°49	7°54	2°39	n.a.	M 8
T 9	20 18 51	2°41'15	21°33	0♌49	3° 0	22° 4	24°39	29°27	14° 3	1° 3	28°33	6°47	7°51	2°46	n.a.	T 9
W10	20 22 47	3°40'00	4♊34	2°41	2°23	22°42	24°48	29°26	14° 1	1° 2	28°32	6°44	7°48	2°52	n.a.	W10
T 11	20 26 44	4°38'48	17°20	4°31	1°47	23°19	24°56	29°25	14° 0	1° 0	28°31	6°40	7°45	2°59	n.a.	T 11
F 12	20 30 41	5°37'38	29°52	6°21	1°10	23°56	25° 4	29°25	13°58	0°59	28°30	6°35	7°41	3° 6	n.a.	F 12
S 13	20 34 37	6°36'30	12♋13	8°10	0°35	24°33	25°12	29°24	13°56	0°57	28°29	6°29	7°38	3°12	n.a.	S 13
S 14	20 38 34	7°35'25	24°23	9°58	0° 0	25°10	25°20	29°24	13°54	0°56	28°28	6°24	7°35	3°19	n.a.	S 14
M15	20 42 30	8°34'22	6♌24	11°45	29♋27	25°47	25°28	29°24	13°53	0°54	28°27	6°20	7°32	3°26	n.a.	M15
T 16	20 46 27	9°33'21	18°18	13°31	28°55	26°24	25°36	29°24	13°51	0°53	28°26	6°18	7°29	3°32	n.a.	T 16
W17	20 50 23	10°32'22	0♍ 8	15°16	28°24	27° 0	25°43	29°D23	13°49	0°51	28°25	6°16	7°25	3°39	n.a.	W17
T 18	20 54 20	11°31'25	11°54	17° 0	27°55	27°37	25°51	29°24	13°47	0°50	28°24	6°D16	7°22	3°46	n.a.	T 18
F 19	20 58 16	12°30'30	23°40	18°43	27°27	28°14	25°58	29°24	13°45	0°48	28°23	6°17	7°19	3°52	n.a.	F 19
S 20	21 2 13	13°29'38	5♎30	20°26	27° 2	28°51	26° 5	29°24	13°43	0°47	28°22	6°19	7°16	3°59	n.a.	S 20
S 21	21 6 9	14°28'47	17°28	22° 7	26°39	29°27	26°12	29°24	13°41	0°45	28°21	6°21	7°13	4° 6	n.a.	S 21
M22	21 10 6	15°27'58	29°36	23°48	26°17	0♋ 4	26°19	29°25	13°39	0°43	28°21	6°22	7°10	4°12	n.a.	M22
T 23	21 14 3	16°27'11	12♏ 2	25°27	25°58	0°41	26°26	29°25	13°37	0°42	28°20	6°R23	7° 6	4°19	n.a.	T 23
W24	21 17 59	17°26'26	24°47	27° 6	25°42	1°17	26°32	29°26	13°34	0°40	28°19	6°23	7° 3	4°25	n.a.	W24
T 25	21 21 56	18°25'43	7♐58	28°44	25°27	1°54	26°39	29°27	13°32	0°38	28°18	6°22	7° 0	4°32	n.a.	T 25
F 26	21 25 52	19°25'02	21°35	0♍21	25°15	2°30	26°45	29°27	13°30	0°37	28°17	6°20	6°57	4°39	n.a.	F 26
S 27	21 29 49	20°24'23	5♑41	1°58	25° 6	3° 6	26°51	29°28	13°28	0°35	28°17	6°18	6°54	4°45	n.a.	S 27
S 28	21 33 45	21°23'46	20°13	3°33	24°59	3°43	26°57	29°29	13°26	0°34	28°16	6°16	6°50	4°52	n.a.	S 28
M29	21 37 42	22°23'11	5♒ 6	5° 8	24°54	4°19	27° 2	29°31	13°24	0°32	28°15	6°14	6°47	4°59	n.a.	M29
T 30	21 41 38	23°22'38	20°14	6°42	24°D52	4°55	27° 8	29°32	13°21	0°30	28°15	6°13	6°44	5° 5	n.a.	T 30
W31	21 45 35	24♌22'07	5♓27	8♍15	24♋52	5♋31	27♉13	29♏33	13♓19	0♓29	28♐14	6°D13	6♍41	5♍12	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	21n32	17s52	3n19	24n34	1n39	11n23	7s35	23n55	0n42	18n27	0s32	19s32	0n55	7s 2	0s47	12s52	1s46	31s30	7s39	9n 9	8n37	10n27			n.a.
T 2	21 21	15 25	2 11	24 23	1 43	11 21	7 44	24 0	0 43	18 30	0 32	19 32	0 54	7 2	0 48	12 53	1 46	31 30	7 39	9 10	8 38	10 26			n.a.
W 3	21 10	11 55	0 53	24 9	1 45	11 20	7 54	24 4	0 43	18 32	0 32	19 32	0 54	7 3	0 48	12 53	1 46	31 30	7 39	9 11	8 39	10 24			n.a.
T 4	20 58	7 41	0s27	23 54	1 47	11 20	8 2	24 8	0 44	18 34	0 32	19 32	0 54	7 4	0 48	12 54	1 46	31 30	7 39	9 11	8 40	10 23			n.a.
F 5	20 46	3 4	1 45	23 36	1 49	11 21	8 9	24 11	0 45	18 37	0 32	19 31	0 54	7 4	0 48	12 54	1 46	31 30	7 39	9 11	8 42	10 21			n.a.
S 6	20 34	1n38	2 54	23 16	1 49	11 22	8 16	24 15	0 45	18 39	0 32	19 31	0 54	7 5	0 48	12 55	1 46	31 30	7 39	9 10	8 43	10 19			n.a.
S 7	20 21	6 7	3 52	22 54	1 49	11 25	8 22	24 18	0 46	18 41	0 32	19 31	0 54	7 5	0 48	12 55	1 46	31 30	7 39	9 10	8 44	10 18			n.a.
M 8	20 8	10 10	4 35	22 30	1 48	11 28	8 27	24 21	0 47	18 43	0 31	19 31	0 53	7 6	0 48	12 56	1 46	31 30	7 39	9 10	8 45	10 16			n.a.
T 9	19 54	13 37	5 2	22 4	1 47	11 32	8 31	24 24	0 47	18 46	0 31	19 31	0 53	7 7	0 48	12 57	1 46	31 30	7 39	9 10	8 46	10 15			n.a.
W10	19 40	16 19	5 12	21 37	1 45	11 37	8 35	24 27	0 48	18 48	0 31	19 31	0 53	7 7	0 48	12 57	1 46	31 30	7 39	9 12	8 48	10 13			n.a.
T 11	19 26	18 9	5 7	21 8	1 43	11 43	8 37	24 30	0 49	18 50	0 31	19 31	0 53	7 8	0 48	12 58	1 46	31 30	7 39	9 13	8 49	10 11			n.a.
F 12	19 12	19 4	4 47	20 38	1 40	11 49	8 38	24 32	0 49	18 52	0 31	19 31	0 53	7 9	0 48	12 58	1 46	31 30	7 39	9 15	8 50	10 10			n.a.
S 13	18 57	19 4	4 14	20 6	1 37	11 56	8 39	24 35	0 50	18 54	0 31	19 31	0 53	7 10	0 48	12 59	1 46	31 30	7 39	9 17	8 51	10 8			n.a.
S 14	18 42	18 10	3 30	19 34	1 34	12 4	8 38	24 37	0 51	18 56	0 31	19 31	0 52	7 10	0 48	12 59	1 47	31 30	7 39	9 19	8 52	10 7			n.a.
M15	18 26	16 28	2 37	19 0	1 30	12 12	8 37	24 39	0 51	18 58	0 31	19 32	0 52	7 11	0 48	13 0	1 47	31 30	7 38	9 21	8 54	10 5			n.a.
T 16	18 10	14 4	1 37	18 25	1 26	12 20	8 35	24 41	0 52	19 0	0 31	19 32	0 52	7 12	0 48	13 1	1 47	31 29	7 38	9 22	8 55	10 3			n.a.
W17	17 54	11 6	0 34	17 50	1 21	12 29	8 32	24 42	0 53	19 1	0 31	19 32	0 52	7 13	0 48	13 1	1 47	31 29	7 38	9 22	8 56	10 2			n.a.
T 18	17 38	7 42	0n31	17 13	1 16	12 39	8 28	24 44	0 53	19 3	0 31	19 32	0 52	7 13	0 48	13 2	1 47	31 29	7 38	9 22	8 57	10 0			n.a.
F 19	17 21	4 0	1 35	16 36	1 11	12 49	8 23	24 45	0 54	19 5	0 31	19 32	0 52	7 14	0 48	13 2	1 47	31 29	7 38	9 22	8 58	9 58			n.a.
S 20	17 4	0 8	2 35	15 58	1 6	12 59	8 18	24 46	0 55	19 7	0 31	19 32	0 51	7 15	0 48	13 3	1 47	31 29	7 38	9 21	9 0	9 57			n.a.
S 21	16 47	3s46	3 28	15 20	1 0	13 9	8 12	24 47	0 56	19 8	0 31	19 33	0 51	7 16	0 48	13 4	1 47	31 29	7 38	9 20	9 1	9 55			n.a.
M22	16 29	7 34	4 14	14 41	0 55	13 19	8 5	24 48	0 56	19 10	0 31	19 33	0 51	7 17	0 48	13 4	1 47	31 29	7 38	9 20	9 2	9 54			n.a.
T 23	16 11	11 8	4 49	14 1	0 49	13 30	7 58	24 48	0 57	19 12	0 31	19 33	0 51	7 17	0 48	13 5	1 47	31 29	7 38	9 20	9 3	9 52			n.a.
W24	15 53	14 17	5 10	13 21	0 42	13 41	7 50	24 49	0 58	19 13	0 31	19 33	0 51	7 18	0 48	13 5	1 47	31 29	7 38	9 20	9 4	9 50			n.a.
T 25	15 34	16 49	5 17	12 41	0 36	13 52	7 42	24 49	0 58	19 15	0 31	19 34	0 51	7 19	0 48	13 6	1 47	31 29	7 38	9 20	9 6	9 49			n.a.
F 26	15 15	18 30	5 6	12 0	0 30	14 2	7 33	24 49	0 59	19 16	0 31	19 34	0 50	7 20	0 48	13 7	1 47	31 28	7 38	9 21	9 7	9 47			n.a.
S 27	14 56	19 8	4 36	11 19	0 23	14 13	7 24	24 49	1 0	19 18	0 31	19 34	0 50	7 21	0 48	13 7	1 47	31 28	7 37	9 21	9 8	9 45			n.a.
S 28	14 37	18 33	3 48	10 38	0 17	14 24	7 14	24 49	1 0	19 19	0 31	19 35	0 50	7 22	0 48	13 8	1 47	31 28	7 37	9 22	9 9	9 44			n.a.
M29	14 18	16 40	2 44	9 57	0 10	14 34	7 4	24 48	1 1	19 20	0 31	19 35	0 50	7 23	0 48	13 8	1 47	31 28	7 37	9 23	9 10	9 42			n.a.
T 30	13 58	13 37	1 28	9 15	0 3	14 44	6 54	24 48	1 2	19 22	0 31	19 36	0 50	7 24	0 48	13 9	1 47	31 28	7 37	9 23	9 12	9 40			n.a.
W31	13n38	9s37	0n 4	8n34	0s 4	14n55	6s44	24n47	1n 2	19n23	0s31	19s36	0n50	7s24	0s48	13s10	1s47	31s28	7s37	9n23	9n13	9n39			n.a.

Julian Day Number = 1200058.5, Delta T = 09h23m27s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'16, Lahiri = -23°39'16 Julian Calendar 1 Aug. 1428 BCE == Greg. Calendar 19 July 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

SEPTEMBER 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 49 31	25♌21'38	20♓35	9♍48	24♋54	6♋ 8	27♉19	29♏35	13°R17	0°R27	28°R13	6♍13	6♍38	5♍19	n.a.	T 1
F 2	21 53 28	26°21'12	5♈30	11°20	24°59	6°44	27°24	29°36	13♓14	0♓25	28♐13	6°14	6°35	5°25	n.a.	F 2
S 3	21 57 25	27°20'48	20° 5	12°51	25° 6	7°20	27°29	29°38	13°12	0°24	28°12	6°15	6°31	5°32	n.a.	S 3
S 4	22 1 21	28°20'26	4♉16	14°21	25°16	7°56	27°33	29°39	13°10	0°22	28°12	6°15	6°28	5°39	n.a.	S 4
M 5	22 5 18	29°20'07	18° 1	15°51	25°27	8°32	27°38	29°41	13° 7	0°20	28°11	6°16	6°25	5°45	n.a.	M 5
T 6	22 9 14	0♍19'51	1♊21	17°20	25°41	9° 8	27°42	29°43	13° 5	0°18	28°11	6°R16	6°22	5°52	n.a.	T 6
W 7	22 13 11	1°19'37	14°18	18°48	25°57	9°44	27°46	29°45	13° 3	0°17	28°10	6°16	6°19	5°58	n.a.	W 7
T 8	22 17 7	2°19'25	26°56	20°15	26°15	10°19	27°50	29°47	13° 0	0°15	28°10	6°15	6°16	6° 5	n.a.	T 8
F 9	22 21 4	3°19'16	9♋17	21°42	26°35	10°55	27°54	29°49	12°58	0°13	28° 9	6°15	6°12	6°12	n.a.	F 9
S 10	22 25 0	4°19'09	21°26	23° 8	26°56	11°31	27°58	29°52	12°55	0°12	28° 9	6°15	6° 9	6°18	n.a.	S 10
S 11	22 28 57	5°19'04	3♌25	24°33	27°20	12° 7	28° 1	29°54	12°53	0°10	28° 9	6°15	6° 6	6°25	n.a.	S 11
M12	22 32 53	6°19'02	15°17	25°58	27°45	12°42	28° 5	29°57	12°50	0° 8	28° 8	6°D15	6° 3	6°32	n.a.	M12
T 13	22 36 50	7°19'01	27° 6	27°21	28°12	13°18	28° 8	29°59	12°48	0° 7	28° 8	6°15	6° 0	6°38	n.a.	T 13
W14	22 40 47	8°19'03	8♍53	28°44	28°41	13°53	28°11	0♐ 2	12°46	0° 5	28° 8	6°R15	5°56	6°45	n.a.	W14
T 15	22 44 43	9°19'07	20°41	0♎ 5	29°11	14°29	28°14	0° 5	12°43	0° 3	28° 7	6°15	5°53	6°52	n.a.	T 15
F 16	22 48 40	10°19'13	2♎31	1°26	29°43	15° 4	28°16	0° 8	12°41	0° 2	28° 7	6°14	5°50	6°58	n.a.	F 16
S 17	22 52 36	11°19'20	14°27	2°45	0♌16	15°39	28°18	0°11	12°38	0° 0	28° 7	6°14	5°47	7° 5	n.a.	S 17
S 18	22 56 33	12°19'30	26°30	4° 4	0°50	16°15	28°21	0°14	12°36	29♒58	28° 7	6°13	5°44	7°12	n.a.	S 18
M19	23 0 29	13°19'41	8♏44	5°21	1°26	16°50	28°23	0°17	12°33	29°57	28° 7	6°12	5°41	7°18	n.a.	M19
T 20	23 4 26	14°19'54	21°11	6°37	2° 4	17°25	28°24	0°20	12°31	29°55	28° 6	6°11	5°37	7°25	n.a.	T 20
W21	23 8 22	15°20'09	3♐55	7°51	2°42	18° 0	28°26	0°23	12°28	29°54	28° 6	6°10	5°34	7°31	n.a.	W21
T 22	23 12 19	16°20'26	16°59	9° 3	3°22	18°35	28°27	0°27	12°26	29°52	28° 6	6°D10	5°31	7°38	n.a.	T 22
F 23	23 16 15	17°20'44	0♑27	10°14	4° 3	19°10	28°29	0°30	12°23	29°50	28° 6	6°11	5°28	7°45	n.a.	F 23
S 24	23 20 12	18°21'04	14°19	11°22	4°45	19°45	28°30	0°34	12°21	29°49	28°D 6	6°11	5°25	7°51	n.a.	S 24
S 25	23 24 9	19°21'26	28°36	12°29	5°28	20°20	28°30	0°37	12°19	29°47	28° 6	6°12	5°21	7°58	n.a.	S 25
M26	23 28 5	20°21'49	13♒16	13°32	6°13	20°54	28°31	0°41	12°16	29°46	28° 6	6°13	5°18	8° 5	n.a.	M26
T 27	23 32 2	21°22'14	28°15	14°33	6°58	21°29	28°31	0°45	12°14	29°44	28° 6	6°14	5°15	8°11	n.a.	T 27
W28	23 35 58	22°22'40	13♓24	15°31	7°44	22° 4	28°32	0°49	12°11	29°43	28° 6	6°R14	5°12	8°18	n.a.	W28
T 29	23 39 55	23°23'08	28°36	16°25	8°31	22°38	28°R32	0°53	12° 9	29°41	28° 7	6°13	5° 9	8°25	n.a.	T 29
F 30	23 43 51	24♍23'38	13♈41	17♎15	9♌19	23♋13	28♉31	0♐57	12♓ 6	29♒40	28♐ 7	6♍11	5♍ 6	8♍31	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n18	5s 0	1s19	7n52	0s11	15n 4	6s33	24n46	1n 3	19n24	0s31	19s37	0n49	7s25	0s48	13s10	1s47	31s28	7s37	9n23	9n14	9n37		n.a.
F 2	12 57	0 9	2 36	7 10	0 18	15 14	6 23	24 45	1 4	19 26	0 31	19 37	0 49	7 26	0 48	13 11	1 47	31 28	7 37	9 23	9 15	9 35		n.a.
S 3	12 36	4n35	3 41	6 28	0 25	15 23	6 12	24 44	1 5	19 27	0 31	19 38	0 49	7 27	0 48	13 11	1 47	31 28	7 37	9 23	9 16	9 34		n.a.
S 4	12 15	8 56	4 30	5 47	0 32	15 33	6 1	24 42	1 5	19 28	0 31	19 38	0 49	7 28	0 48	13 12	1 47	31 27	7 37	9 22	9 18	9 32		n.a.
M 5	11 54	12 40	5 2	5 5	0 39	15 41	5 50	24 41	1 6	19 29	0 31	19 39	0 49	7 29	0 48	13 13	1 47	31 27	7 36	9 22	9 19	9 30		n.a.
T 6	11 33	15 37	5 17	4 23	0 46	15 50	5 39	24 39	1 7	19 30	0 31	19 39	0 49	7 30	0 48	13 13	1 47	31 27	7 36	9 22	9 20	9 29		n.a.
W 7	11 11	17 42	5 15	3 42	0 53	15 58	5 28	24 37	1 7	19 31	0 31	19 40	0 48	7 31	0 48	13 14	1 47	31 27	7 36	9 22	9 21	9 27		n.a.
T 8	10 50	18 52	4 58	3 1	1 0	16 5	5 17	24 35	1 8	19 32	0 31	19 40	0 48	7 32	0 48	13 15	1 47	31 27	7 36	9 22	9 22	9 25		n.a.
F 9	10 28	19 6	4 27	2 20	1 7	16 12	5 6	24 33	1 9	19 33	0 30	19 41	0 48	7 33	0 48	13 15	1 47	31 27	7 36	9 23	9 24	9 24		n.a.
S 10	10 6	18 25	3 45	1 39	1 14	16 19	4 55	24 30	1 10	19 34	0 30	19 42	0 48	7 34	0 48	13 16	1 47	31 27	7 36	9 23	9 25	9 22		n.a.
S 11	9 43	16 56	2 53	0 58	1 20	16 25	4 44	24 28	1 10	19 34	0 30	19 42	0 48	7 35	0 48	13 16	1 47	31 27	7 36	9 23	9 26	9 20		n.a.
M12	9 21	14 43	1 54	0 18	1 27	16 31	4 33	24 25	1 11	19 35	0 30	19 43	0 48	7 36	0 48	13 17	1 47	31 26	7 36	9 23	9 27	9 19		n.a.
T 13	8 58	11 54	0 51	0s22	1 34	16 36	4 22	24 22	1 12	19 36	0 30	19 44	0 48	7 37	0 48	13 18	1 47	31 26	7 36	9 23	9 28	9 17		n.a.
W14	8 36	8 36	0n15	1 1	1 40	16 41	4 12	24 19	1 13	19 37	0 30	19 45	0 47	7 38	0 48	13 18	1 47	31 26	7 35	9 23	9 30	9 15		n.a.
T 15	8 13	4 58	1 20	1 40	1 47	16 45	4 1	24 16	1 13	19 37	0 30	19 45	0 47	7 38	0 48	13 19	1 47	31 26	7 35	9 23	9 31	9 14		n.a.
F 16	7 50	1 8	2 21	2 18	1 53	16 49	3 50	24 13	1 14	19 38	0 30	19 46	0 47	7 39	0 48	13 19	1 47	31 26	7 35	9 23	9 32	9 12		n.a.
S 17	7 27	2s46	3 17	2 56	1 59	16 52	3 40	24 10	1 15	19 39	0 30	19 47	0 47	7 40	0 48	13 20	1 47	31 26	7 35	9 23	9 33	9 10		n.a.
S 18	7 3	6 36	4 5	3 33	2 5	16 55	3 30	24 6	1 16	19 39	0 30	19 48	0 47	7 41	0 48	13 21	1 47	31 26	7 35	9 23	9 34	9 9		n.a.
M19	6 40	10 13	4 42	4 9	2 11	16 57	3 19	24 2	1 16	19 40	0 30	19 48	0 47	7 42	0 48	13 21	1 47	31 25	7 35	9 24	9 35	9 7		n.a.
T 20	6 16	13 26	5 7	4 45	2 16	16 58	3 9	23 59	1 17	19 40	0 30	19 49	0 46	7 43	0 48	13 22	1 47	31 25	7 35	9 24	9 37	9 5		n.a.
W21	5 53	16 6	5 17	5 19	2 21	16 59	2 59	23 55	1 18	19 40	0 30	19 50	0 46	7 44	0 48	13 22	1 47	31 25	7 34	9 24	9 38	9 4		n.a.
T 22	5 29	18 2	5 12	5 53	2 26	17 0	2 50	23 51	1 19	19 41	0 30	19 51	0 46	7 45	0 48	13 23	1 47	31 25	7 34	9 24	9 39	9 2		n.a.
F 23	5 5	19 2	4 50	6 25	2 30	17 0	2 40	23 46	1 19	19 41	0 30	19 52	0 46	7 46	0 48	13 23	1 47	31 25	7 34	9 24	9 40	9 0		n.a.
S 24	4 41	18 56	4 10	6 56	2 35	16 59	2 30	23 42	1 20	19 41	0 30	19 53	0 46	7 47	0 48	13 24	1 47	31 25	7 34	9 24	9 41	8 58		n.a.
S 25	4 17	17 38	3 14	7 26	2 38	16 57	2 21	23 37	1 21	19 42	0 30	19 54	0 46	7 48	0 48	13 24	1 47	31 25	7 34	9 24	9 43	8 57		n.a.
M26	3 53	15 9	2 4	7 55	2 42	16 55	2 12	23 33	1 22	19 42	0 30	19 55	0 46	7 49	0 48	13 25	1 47	31 25	7 34	9 23	9 44	8 55		n.a.
T 27	3 29	11 36	0 44	8 21	2 44	16 53	2 3	23 28	1 22	19 42	0 30	19 56	0 45	7 50	0 48	13 26	1 47	31 24	7 34	9 23	9 45	8 53		n.a.
W28	3 5	7 15	0s40	8 46	2 47	16 50	1 54	23 23	1 23	19 42	0 30	19 57	0 45	7 51	0 48	13 26	1 47	31 24	7 33	9 23	9 46	8 52		n.a.
T 29	2 40	2 24	2 1	9 9	2 48	16 46	1 45	23 18	1 24	19 42	0 30	19 58	0 45	7 52	0 48	13 27	1 47	31 24	7 33	9 23	9 47	8 50		n.a.
F 30	2n16	2n32	3s13	9s29	2s49	16n41	1s36	23n13	1n25	19n42	0s30	19s59	0n45	7s53	0s48	13s27	1s47	31s24	7s33	9n24	9n49	8n48		n.a.

Julian Day Number = 1200089.5, Delta T = 09h23m25s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'12, Lahiri = -23°39'12 Julian Calendar 1 Sept. 1428 BCE == Greg. Calendar 19 Aug. 1428 BCE

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

OCTOBER 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 47 48	25♍24'09	28♈28	18♎ 1	10♌ 8	23♋47	28°R31	1♐ 1	12°R 4	29°R38	28♐ 7	6°R 9	5♍ 2	8♍38	n.a.	S 1
S 2	23 51 44	26°24'43	12♉53	18°42	10°58	24°21	28♉30	1° 5	12♓ 2	29♒37	28° 7	6♍ 6	4°59	8°45	n.a.	S 2
M 3	23 55 41	27°25'19	26°50	19°17	11°49	24°56	28°30	1°10	11°59	29°35	28° 7	6° 4	4°56	8°51	n.a.	M 3
T 4	23 59 38	28°25'56	10♊19	19°45	12°40	25°30	28°29	1°14	11°57	29°34	28° 8	6° 2	4°53	8°58	n.a.	T 4
W 5	0 3 34	29°26'36	23°21	20° 7	13°33	26° 4	28°27	1°18	11°55	29°32	28° 8	6° 0	4°50	9° 5	n.a.	W 5
T 6	0 7 31	0♎27'17	5♋59	20°21	14°26	26°38	28°26	1°23	11°52	29°31	28° 8	6°D 0	4°47	9°11	n.a.	T 6
F 7	0 11 27	1°28'00	18°17	20°R27	15°19	27°12	28°24	1°28	11°50	29°30	28° 8	6° 1	4°43	9°18	n.a.	F 7
S 8	0 15 24	2°28'46	0♌21	20°24	16°14	27°46	28°23	1°32	11°48	29°28	28° 9	6° 3	4°40	9°24	n.a.	S 8
S 9	0 19 20	3°29'32	12°15	20°11	17° 9	28°20	28°21	1°37	11°46	29°27	28° 9	6° 5	4°37	9°31	n.a.	S 9
M10	0 23 17	4°30'21	24° 2	19°47	18° 4	28°53	28°18	1°42	11°43	29°26	28°10	6° 6	4°34	9°38	n.a.	M10
T 11	0 27 13	5°31'11	5♍49	19°13	19° 1	29°27	28°16	1°47	11°41	29°24	28°10	6°R 7	4°31	9°44	n.a.	T 11
W12	0 31 10	6°32'03	17°36	18°29	19°58	0♌ 0	28°13	1°52	11°39	29°23	28°11	6° 6	4°27	9°51	n.a.	W12
T 13	0 35 6	7°32'56	29°28	17°34	20°55	0°34	28°11	1°57	11°37	29°22	28°11	6° 4	4°24	9°58	n.a.	T 13
F 14	0 39 3	8°33'51	11♎27	16°31	21°53	1° 7	28° 8	2° 2	11°35	29°21	28°12	6° 0	4°21	10° 4	n.a.	F 14
S 15	0 43 0	9°34'47	23°33	15°19	22°52	1°41	28° 4	2° 7	11°33	29°19	28°12	5°55	4°18	10°11	n.a.	S 15
S 16	0 46 56	10°35'44	5♏49	14° 1	23°51	2°14	28° 1	2°12	11°30	29°18	28°13	5°48	4°15	10°18	n.a.	S 16
M17	0 50 53	11°36'43	18°15	12°40	24°50	2°47	27°58	2°18	11°28	29°17	28°13	5°42	4°12	10°24	n.a.	M17
T 18	0 54 49	12°37'42	0♐54	11°18	25°50	3°20	27°54	2°23	11°26	29°16	28°14	5°35	4° 8	10°31	n.a.	T 18
W19	0 58 46	13°38'43	13°45	9°58	26°50	3°53	27°50	2°28	11°24	29°15	28°15	5°30	4° 5	10°38	n.a.	W19
T 20	1 2 42	14°39'44	26°51	8°42	27°51	4°26	27°46	2°34	11°22	29°14	28°15	5°27	4° 2	10°44	n.a.	T 20
F 21	1 6 39	15°40'47	10♑14	7°33	28°53	4°58	27°41	2°39	11°21	29°13	28°16	5°D25	3°59	10°51	n.a.	F 21
S 22	1 10 35	16°41'50	23°56	6°33	29°54	5°31	27°37	2°45	11°19	29°12	28°17	5°25	3°56	10°58	n.a.	S 22
S 23	1 14 32	17°42'54	7♒56	5°43	0♍56	6° 3	27°32	2°51	11°17	29°11	28°18	5°27	3°53	11° 4	n.a.	S 23
M24	1 18 29	18°43'59	22°15	5° 4	1°59	6°36	27°28	2°56	11°15	29°10	28°18	5°28	3°49	11°11	n.a.	M24
T 25	1 22 25	19°45'05	6♓52	4°37	3° 2	7° 8	27°23	3° 2	11°13	29° 9	28°19	5°R28	3°46	11°17	n.a.	T 25
W26	1 26 22	20°46'11	21°42	4°21	4° 5	7°40	27°17	3° 8	11°11	29° 8	28°20	5°27	3°43	11°24	n.a.	W26
T 27	1 30 18	21°47'18	6♈39	4°D16	5° 8	8°12	27°12	3°14	11°10	29° 7	28°21	5°24	3°40	11°31	n.a.	T 27
F 28	1 34 15	22°48'25	21°35	4°21	6°12	8°44	27° 7	3°20	11° 8	29° 6	28°22	5°18	3°37	11°37	n.a.	F 28
S 29	1 38 11	23°49'34	6♉20	4°37	7°17	9°16	27° 1	3°26	11° 6	29° 5	28°23	5°11	3°33	11°44	n.a.	S 29
S 30	1 42 8	24°50'43	20°47	5° 1	8°21	9°48	26°55	3°32	11° 5	29° 4	28°24	5° 3	3°30	11°51	n.a.	S 30
M31	1 46 5	25♎51'54	4♊51	5♎33	9♍26	10♌19	26♉49	3♐38	11♓ 3	29♒ 4	28♐25	4♍54	3♍27	11♍57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	1n51	7n14	4s10	9s47	2s49	16n36	1s28	23n 8	1n26	19n42	0s30	20s 0	0n45	7s54	0s48	13s28	1s47	31s24	7s33	9n25	9n50	8n46		n.a.	S 1
S 2	1 27	11 22	4 50	10 2	2 48	16 31	1 19	23 2	1 26	19 42	0 30	20 1	0 45	7 54	0 48	13 28	1 47	31 24	7 33	9 26	9 51	8 45		n.a.	S 2
M 3	1 3	14 44	5 12	10 14	2 47	16 25	1 11	22 57	1 27	19 42	0 30	20 2	0 45	7 55	0 48	13 29	1 47	31 24	7 33	9 27	9 52	8 43		n.a.	M 3
T 4	0 38	17 12	5 15	10 23	2 44	16 18	1 3	22 51	1 28	19 42	0 29	20 3	0 44	7 56	0 48	13 29	1 47	31 23	7 33	9 28	9 53	8 41		n.a.	T 4
W 5	0 14	18 40	5 2	10 28	2 40	16 10	0 55	22 46	1 29	19 41	0 29	20 4	0 44	7 57	0 48	13 30	1 47	31 23	7 33	9 28	9 54	8 40		n.a.	W 5
T 6	0s11	19 10	4 34	10 28	2 35	16 2	0 48	22 40	1 30	19 41	0 29	20 5	0 44	7 58	0 48	13 30	1 47	31 23	7 32	9 28	9 56	8 38		n.a.	T 6
F 7	0 36	18 43	3 54	10 24	2 28	15 53	0 40	22 34	1 30	19 41	0 29	20 6	0 44	7 59	0 48	13 31	1 47	31 23	7 32	9 28	9 57	8 36		n.a.	F 7
S 8	1 0	17 26	3 5	10 15	2 20	15 44	0 33	22 28	1 31	19 40	0 29	20 7	0 44	8 0	0 48	13 31	1 47	31 23	7 32	9 27	9 58	8 34		n.a.	S 8
S 9	1 25	15 23	2 8	10 1	2 10	15 34	0 25	22 22	1 32	19 40	0 29	20 8	0 44	8 1	0 48	13 31	1 47	31 23	7 32	9 26	9 59	8 33		n.a.	S 9
M10	1 49	12 42	1 6	9 42	1 59	15 24	0 18	22 15	1 33	19 40	0 29	20 9	0 44	8 1	0 48	13 32	1 47	31 23	7 32	9 26	10 0	8 31		n.a.	M10
T 11	2 14	9 31	0 2	9 16	1 45	15 12	0 11	22 9	1 34	19 39	0 29	20 10	0 43	8 2	0 48	13 32	1 47	31 22	7 32	9 26	10 2	8 29		n.a.	T 11
W12	2 38	5 56	1n 3	8 45	1 30	15 1	0 4	22 3	1 35	19 39	0 29	20 11	0 43	8 3	0 48	13 33	1 46	31 22	7 32	9 26	10 3	8 27		n.a.	W12
T 13	3 3	2 7	2 5	8 9	1 14	14 48	0n 2	21 56	1 35	19 38	0 29	20 13	0 43	8 4	0 48	13 33	1 46	31 22	7 31	9 27	10 4	8 26		n.a.	T 13
F 14	3 27	1s50	3 1	7 27	0 55	14 36	0 9	21 49	1 36	19 37	0 29	20 14	0 43	8 5	0 48	13 34	1 46	31 22	7 31	9 28	10 5	8 24		n.a.	F 14
S 15	3 52	5 44	3 51	6 41	0 36	14 22	0 15	21 43	1 37	19 37	0 29	20 15	0 43	8 6	0 48	13 34	1 46	31 22	7 31	9 30	10 6	8 22		n.a.	S 15
S 16	4 16	9 27	4 30	5 52	0 16	14 8	0 21	21 36	1 38	19 36	0 29	20 16	0 43	8 6	0 48	13 34	1 46	31 22	7 31	9 33	10 7	8 20		n.a.	S 16
M17	4 40	12 49	4 57	5 1	0n 5	13 54	0 27	21 29	1 39	19 35	0 29	20 17	0 43	8 7	0 48	13 35	1 46	31 22	7 31	9 35	10 9	8 19		n.a.	M17
T 18	5 4	15 39	5 10	4 9	0 25	13 39	0 33	21 22	1 40	19 35	0 29	20 18	0 43	8 8	0 48	13 35	1 46	31 22	7 31	9 37	10 10	8 17		n.a.	T 18
W19	5 29	17 46	5 8	3 19	0 45	13 23	0 39	21 15	1 41	19 34	0 28	20 20	0 42	8 9	0 48	13 36	1 46	31 21	7 31	9 39	10 11	8 15		n.a.	W19
T 20	5 53	19 0	4 50	2 31	1 5	13 7	0 44	21 8	1 41	19 33	0 28	20 21	0 42	8 9	0 48	13 36	1 46	31 21	7 30	9 41	10 12	8 13		n.a.	T 20
F 21	6 17	19 13	4 16	1 47	1 22	12 50	0 49	21 1	1 42	19 32	0 28	20 22	0 42	8 10	0 48	13 36	1 46	31 21	7 30	9 41	10 13	8 12		n.a.	F 21
S 22	6 40	18 19	3 26	1 9	1 38	12 33	0 55	20 53	1 43	19 31	0 28	20 23	0 42	8 11	0 48	13 37	1 46	31 21	7 30	9 41	10 14	8 10		n.a.	S 22
S 23	7 4	16 17	2 24	0 36	1 52	12 16	1 0	20 46	1 44	19 30	0 28	20 25	0 42	8 11	0 48	13 37	1 46	31 21	7 30	9 41	10 16	8 8		n.a.	S 23
M24	7 28	13 13	1 11	0 9	2 4	11 57	1 5	20 39	1 45	19 29	0 28	20 26	0 42	8 12	0 48	13 37	1 46	31 21	7 30	9 40	10 17	8 6		n.a.	M24
T 25	7 51	9 16	0s 8	0n11	2 14	11 39	1 9	20 31	1 46	19 28	0 28	20 27	0 42	8 13	0 48	13 37	1 46	31 21	7 30	9 40	10 18	8 5		n.a.	T 25
W26	8 15	4 40	1 27	0 25	2 22	11 20	1 14	20 23	1 47	19 27	0 28	20 28	0 42	8 13	0 48	13 38	1 46	31 21	7 30	9 40	10 19	8 3		n.a.	W26
T 27	8 38	0n14	2 41	0 32	2 28	11 0	1 18	20 16	1 48	19 26	0 28	20 30	0 41	8 14	0 47	13 38	1 46	31 21	7 30	9 42	10 20	8 1		n.a.	T 27
F 28	9 1	5 7	3 43	0 34	2 33	10 40	1 23	20 8	1 49	19 24	0 28	20 31	0 41	8 15	0 47	13 38	1 46	31 20	7 29	9 44	10 21	7 59		n.a.	F 28
S 29	9 24	9 38	4 30	0 30	2 35	10 20	1 27	20 0	1 50	19 23	0 28	20 32	0 41	8 15	0 47	13 39	1 46	31 20	7 29	9 46	10 23	7 58		n.a.	S 29
S 30	9 47	13 29	4 58	0 22	2 37	9 59	1 31	19 53	1 50	19 22	0 28	20 33	0 41	8 16	0 47	13 39	1 46	31 20	7 29	9 50	10 24	7 56		n.a.	S 30
M31	10s10	16n26	5s 7	0n 9	2n37	9n37	1n34	19n45	1n51	19n21	0s27	20s35	0n41	8s16	0s47	13s39	1s46	31s20	7s29	9n53	10n25	7n54		n.a.	M31

Julian Day Number = 1200119.5, Delta T = 09h23m23s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'08, Lahiri = -23°39'07 Julian Calendar 1 Oct. 1428 BCE == Greg. Calendar 18 Sept. 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

NOVEMBER 1428 BCE (-1427) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 50 1	26♎53'05	18♊27	6♎12	10♍31	10♌51	26°R43	3♐44	11°R 2	29°R 3	28♐26	4°R47	3♍24	12♍ 4	n.a.	T 1
W 2	1 53 58	27°54'18	1♋35	6°58	11°37	11°22	26♉37	3°50	11♓ 0	29♒ 2	28°27	4♍41	3°21	12°11	n.a.	W 2
T 3	1 57 54	28°55'31	14°18	7°49	12°43	11°53	26°31	3°57	10°59	29° 2	28°28	4°38	3°18	12°17	n.a.	T 3
F 4	2 1 51	29°56'45	26°40	8°45	13°49	12°25	26°24	4° 3	10°57	29° 1	28°29	4°D37	3°14	12°24	n.a.	F 4
S 5	2 5 47	0♏58'01	8♌44	9°45	14°55	12°56	26°17	4° 9	10°56	29° 0	28°30	4°37	3°11	12°31	n.a.	S 5
S 6	2 9 44	1°59'16	20°37	10°49	16° 2	13°26	26°11	4°16	10°55	29° 0	28°31	4°38	3° 8	12°37	n.a.	S 6
M 7	2 13 40	3° 0'33	2♍24	11°57	17° 8	13°57	26° 4	4°22	10°54	28°59	28°32	4°R39	3° 5	12°44	n.a.	M 7
T 8	2 17 37	4° 1'50	14°10	13° 7	18°15	14°28	25°57	4°28	10°52	28°59	28°33	4°38	3° 2	12°50	n.a.	T 8
W 9	2 21 34	5° 3'08	26° 0	14°20	19°23	14°58	25°50	4°35	10°51	28°58	28°35	4°36	2°58	12°57	n.a.	W 9
T 10	2 25 30	6° 4'27	7♎58	15°35	20°30	15°28	25°43	4°41	10°50	28°58	28°36	4°30	2°55	13° 4	n.a.	T 10
F 11	2 29 27	7° 5'46	20° 6	16°52	21°38	15°59	25°35	4°48	10°49	28°57	28°37	4°22	2°52	13°10	n.a.	F 11
S 12	2 33 23	8° 7'05	2♏25	18°11	22°46	16°29	25°28	4°55	10°48	28°57	28°38	4°12	2°49	13°17	n.a.	S 12
S 13	2 37 20	9° 8'25	14°58	19°31	23°54	16°58	25°20	5° 1	10°47	28°57	28°40	4° 0	2°46	13°24	n.a.	S 13
M14	2 41 16	10° 9'44	27°44	20°52	25° 2	17°28	25°13	5° 8	10°46	28°56	28°41	3°47	2°43	13°30	n.a.	M14
T 15	2 45 13	11°11'04	10♐42	22°15	26°11	17°58	25° 5	5°15	10°45	28°56	28°42	3°35	2°39	13°37	n.a.	T 15
W16	2 49 9	12°12'24	23°52	23°38	27°20	18°27	24°57	5°21	10°44	28°56	28°43	3°25	2°36	13°44	n.a.	W16
T 17	2 53 6	13°13'44	7♑13	25° 3	28°28	18°56	24°50	5°28	10°44	28°56	28°45	3°17	2°33	13°50	n.a.	T 17
F 18	2 57 3	14°15'04	20°44	26°28	29°37	19°25	24°42	5°35	10°43	28°55	28°46	3°13	2°30	13°57	n.a.	F 18
S 19	3 0 59	15°16'24	4♒26	27°54	0♎47	19°54	24°34	5°42	10°42	28°55	28°48	3°10	2°27	14° 4	n.a.	S 19
S 20	3 4 56	16°17'43	18°19	29°21	1°56	20°23	24°26	5°49	10°41	28°55	28°49	3°D10	2°24	14°10	n.a.	S 20
M21	3 8 52	17°19'01	2♓24	0♏49	3° 5	20°51	24°18	5°55	10°41	28°55	28°50	3°R10	2°20	14°17	n.a.	M21
T 22	3 12 49	18°20'20	16°39	2°16	4°15	21°19	24°10	6° 2	10°40	28°D55	28°52	3°10	2°17	14°24	n.a.	T 22
W23	3 16 45	19°21'37	1♈ 3	3°45	5°25	21°47	24° 2	6° 9	10°40	28°55	28°53	3° 7	2°14	14°30	n.a.	W23
T 24	3 20 42	20°22'55	15°34	5°14	6°35	22°15	23°54	6°16	10°39	28°55	28°55	3° 2	2°11	14°37	n.a.	T 24
F 25	3 24 39	21°24'12	0♉ 5	6°44	7°45	22°43	23°46	6°23	10°39	28°55	28°56	2°53	2° 8	14°44	n.a.	F 25
S 26	3 28 35	22°25'28	14°31	8°14	8°55	23°10	23°38	6°30	10°39	28°55	28°58	2°42	2° 4	14°50	n.a.	S 26
S 27	3 32 32	23°26'44	28°44	9°44	10° 5	23°38	23°29	6°37	10°38	28°56	28°59	2°30	2° 1	14°57	n.a.	S 27
M28	3 36 28	24°28'00	12♊39	11°15	11°16	24° 5	23°21	6°44	10°38	28°56	29° 1	2°17	1°58	15° 3	n.a.	M28
T 29	3 40 25	25°29'16	26°13	12°46	12°26	24°32	23°13	6°51	10°38	28°56	29° 2	2° 6	1°55	15°10	n.a.	T 29
W30	3 44 21	26♏30'32	9♋21	14♏18	13♎37	24♌58	23♉ 5	6♐58	10♓38	28♒56	29♐ 4	1♍56	1♍52	15♍17	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s32	18n23	4s59	0s 7	2n36	9n16	1n38	19n37	1n52	19n19	0s27	20s36	0n41	8s17	0s47	13s39	1s46	31s20	7s29	9n55	10n26	7n52		n.a.
W 2	10 55	19 17	4 35	0 27	2 34	8 54	1 42	19 29	1 53	19 18	0 27	20 37	0 41	8 18	0 47	13 39	1 46	31 20	7 29	9 57	10 27	7 51		n.a.
T 3	11 17	19 9	3 57	0 50	2 32	8 31	1 45	19 21	1 54	19 17	0 27	20 39	0 41	8 18	0 47	13 40	1 46	31 20	7 29	9 59	10 28	7 49		n.a.
F 4	11 39	18 5	3 10	1 16	2 28	8 8	1 48	19 13	1 55	19 15	0 27	20 40	0 41	8 19	0 47	13 40	1 46	31 20	7 29	9 59	10 30	7 47		n.a.
S 5	12 1	16 14	2 15	1 44	2 24	7 45	1 51	19 5	1 56	19 14	0 27	20 41	0 40	8 19	0 47	13 40	1 46	31 20	7 29	9 59	10 31	7 45		n.a.
S 6	12 22	13 42	1 15	2 13	2 19	7 21	1 54	18 57	1 57	19 12	0 27	20 42	0 40	8 20	0 47	13 40	1 45	31 20	7 28	9 59	10 32	7 43		n.a.
M 7	12 44	10 37	0 12	2 45	2 14	6 57	1 57	18 49	1 58	19 11	0 27	20 44	0 40	8 20	0 47	13 40	1 45	31 19	7 28	9 59	10 33	7 42		n.a.
T 8	13 5	7 7	0n51	3 18	2 9	6 33	2 0	18 41	1 59	19 9	0 27	20 45	0 40	8 20	0 47	13 40	1 45	31 19	7 28	9 59	10 34	7 40		n.a.
W 9	13 26	3 19	1 52	3 52	2 3	6 9	2 2	18 32	2 0	19 8	0 26	20 46	0 40	8 21	0 47	13 41	1 45	31 19	7 28	10 0	10 35	7 38		n.a.
T 10	13 47	0s39	2 48	4 27	1 57	5 44	2 5	18 24	2 1	19 6	0 26	20 48	0 40	8 21	0 47	13 41	1 45	31 19	7 28	10 2	10 37	7 36		n.a.
F 11	14 7	4 38	3 38	5 3	1 50	5 19	2 7	18 16	2 2	19 4	0 26	20 49	0 40	8 22	0 47	13 41	1 45	31 19	7 28	10 5	10 38	7 34		n.a.
S 12	14 28	8 30	4 18	5 40	1 43	4 53	2 9	18 8	2 3	19 3	0 26	20 50	0 40	8 22	0 47	13 41	1 45	31 19	7 28	10 8	10 39	7 33		n.a.
S 13	14 48	12 3	4 46	6 17	1 37	4 28	2 11	17 59	2 4	19 1	0 26	20 52	0 40	8 22	0 47	13 41	1 45	31 19	7 28	10 13	10 40	7 31		n.a.
M14	15 7	15 7	5 1	6 54	1 30	4 2	2 13	17 51	2 5	18 59	0 26	20 53	0 40	8 23	0 47	13 41	1 45	31 19	7 28	10 17	10 41	7 29		n.a.
T 15	15 27	17 29	5 0	7 32	1 22	3 36	2 15	17 43	2 6	18 57	0 26	20 54	0 39	8 23	0 47	13 41	1 45	31 19	7 28	10 22	10 42	7 27		n.a.
W16	15 46	18 59	4 44	8 10	1 15	3 9	2 16	17 35	2 7	18 56	0 26	20 56	0 39	8 23	0 47	13 41	1 45	31 19	7 28	10 26	10 44	7 25		n.a.
T 17	16 5	19 28	4 12	8 48	1 8	2 43	2 18	17 26	2 8	18 54	0 25	20 57	0 39	8 24	0 47	13 41	1 45	31 19	7 27	10 29	10 45	7 24		n.a.
F 18	16 24	18 51	3 25	9 27	1 1	2 16	2 19	17 18	2 9	18 52	0 25	20 58	0 39	8 24	0 47	13 41	1 45	31 19	7 27	10 30	10 46	7 22		n.a.
S 19	16 42	17 7	2 26	10 5	0 53	1 49	2 20	17 10	2 11	18 50	0 25	21 0	0 39	8 24	0 47	13 41	1 45	31 19	7 27	10 31	10 47	7 20		n.a.
S 20	17 0	14 22	1 18	10 43	0 46	1 22	2 21	17 1	2 12	18 48	0 25	21 1	0 39	8 24	0 47	13 41	1 45	31 19	7 27	10 31	10 48	7 18		n.a.
M21	17 18	10 44	0 4	11 21	0 39	0 55	2 22	16 53	2 13	18 47	0 25	21 2	0 39	8 24	0 47	13 41	1 45	31 18	7 27	10 31	10 49	7 16		n.a.
T 22	17 35	6 27	1s11	11 59	0 32	0 28	2 23	16 45	2 14	18 45	0 25	21 3	0 39	8 25	0 47	13 41	1 45	31 18	7 27	10 31	10 51	7 15		n.a.
W23	17 53	1 44	2 22	12 36	0 24	0 0	2 23	16 37	2 15	18 43	0 25	21 5	0 39	8 25	0 47	13 41	1 45	31 18	7 27	10 32	10 52	7 13		n.a.
T 24	18 9	3n 6	3 24	13 14	0 17	0s28	2 24	16 29	2 16	18 41	0 24	21 6	0 39	8 25	0 46	13 41	1 45	31 18	7 27	10 34	10 53	7 11		n.a.
F 25	18 26	7 45	4 14	13 50	0 10	0 55	2 24	16 20	2 17	18 39	0 24	21 7	0 39	8 25	0 46	13 41	1 44	31 18	7 27	10 37	10 54	7 9		n.a.
S 26	18 42	11 55	4 46	14 27	0 3	1 23	2 25	16 12	2 18	18 37	0 24	21 9	0 38	8 25	0 46	13 41	1 44	31 18	7 27	10 41	10 55	7 7		n.a.
S 27	18 58	15 21	5 0	15 3	0s 4	1 51	2 25	16 4	2 19	18 35	0 24	21 10	0 38	8 25	0 46	13 41	1 44	31 18	7 27	10 46	10 56	7 5		n.a.
M28	19 13	17 49	4 56	15 38	0 11	2 19	2 25	15 56	2 21	18 33	0 24	21 11	0 38	8 25	0 46	13 41	1 44	31 18	7 27	10 51	10 58	7 4		n.a.
T 29	19 28	19 13	4 35	16 13	0 18	2 47	2 25	15 48	2 22	18 31	0 24	21 13	0 38	8 25	0 46	13 40	1 44	31 18	7 27	10 55	10 59	7 2		n.a.
W30	19s43	19n32	4s 0	16s48	0s24	3s15	2n25	15n40	2n23	18n29	0s23	21s14	0n38	8s25	0s46	13s40	1s44	31s18	7s27	10n58	11n 0	7n 0		n.a.

Julian Day Number = 1200150.5, Delta T = 09h23m21s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'04, Lahiri = -23°39'03 Julian Calendar 1 Nov. 1428 BCE == Greg. Calendar 19 Oct. 1428 BCE

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ASTRODIENST EPHEMERIS for the year 1428 BCE
geocentric

DECEMBER 1428 BCE (-1427) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 48 18	27♏31'47	22♋ 7	15♏50	14♎48	25♌25	22°R57	7♐ 5	10°R38	28♒56	29♐ 5	1°R49	1♍49	15♍23	n.a.	T 1
F 2	3 52 14	28°33'01	4♌31	17°23	15°59	25°51	22♉49	7°12	10°D38	28°57	29° 7	1♍45	1°45	15°30	n.a.	F 2
S 3	3 56 11	29°34'16	16°38	18°56	17° 9	26°17	22°41	7°20	10♓38	28°57	29° 9	1°43	1°42	15°37	n.a.	S 3
S 4	4 0 8	0♐35'30	28°32	20°30	18°21	26°43	22°33	7°27	10°38	28°58	29°10	1°43	1°39	15°43	n.a.	S 4
M 5	4 4 4	1°36'44	10♍21	22° 4	19°32	27° 8	22°25	7°34	10°38	28°58	29°12	1°43	1°36	15°50	n.a.	M 5
T 6	4 8 1	2°37'57	22° 8	23°38	20°43	27°34	22°17	7°41	10°38	28°58	29°14	1°42	1°33	15°57	n.a.	T 6
W 7	4 11 57	3°39'10	4♎ 0	25°13	21°54	27°59	22° 9	7°48	10°38	28°59	29°15	1°39	1°30	16° 3	n.a.	W 7
T 8	4 15 54	4°40'22	16° 2	26°49	23° 6	28°23	22° 1	7°55	10°39	28°59	29°17	1°34	1°26	16°10	n.a.	T 8
F 9	4 19 50	5°41'34	28°16	28°25	24°17	28°48	21°54	8° 2	10°39	29° 0	29°19	1°25	1°23	16°17	n.a.	F 9
S 10	4 23 47	6°42'45	10♏47	0♐ 1	25°29	29°12	21°46	8° 9	10°39	29° 1	29°20	1°14	1°20	16°23	n.a.	S 10
S 11	4 27 44	7°43'55	23°35	1°38	26°41	29°36	21°39	8°17	10°40	29° 1	29°22	1° 1	1°17	16°30	n.a.	S 11
M12	4 31 40	8°45'04	6♐41	3°16	27°52	29°59	21°31	8°24	10°40	29° 2	29°24	0°47	1°14	16°37	n.a.	M12
T 13	4 35 37	9°46'13	20° 3	4°54	29° 4	0♍23	21°24	8°31	10°41	29° 3	29°25	0°34	1°10	16°43	n.a.	T 13
W14	4 39 33	10°47'21	3♑37	6°33	0♏16	0°46	21°16	8°38	10°42	29° 3	29°27	0°22	1° 7	16°50	n.a.	W14
T 15	4 43 30	11°48'27	17°23	8°13	1°28	1° 9	21° 9	8°45	10°42	29° 4	29°29	0°14	1° 4	16°57	n.a.	T 15
F 16	4 47 26	12°49'32	1♒15	9°53	2°40	1°31	21° 2	8°52	10°43	29° 5	29°31	0° 8	1° 1	17° 3	n.a.	F 16
S 17	4 51 23	13°50'36	15°13	11°33	3°52	1°53	20°55	8°59	10°44	29° 6	29°32	0° 5	0°58	17°10	n.a.	S 17
S 18	4 55 19	14°51'39	29°14	13°15	5° 4	2°15	20°48	9° 7	10°45	29° 7	29°34	0°D 5	0°55	17°16	n.a.	S 18
M19	4 59 16	15°52'40	13♓17	14°57	6°16	2°36	20°42	9°14	10°45	29° 8	29°36	0°R 5	0°51	17°23	n.a.	M19
T 20	5 3 13	16°53'39	27°23	16°40	7°28	2°57	20°35	9°21	10°46	29° 8	29°38	0° 4	0°48	17°30	n.a.	T 20
W21	5 7 9	17°54'37	11♈29	18°23	8°41	3°18	20°29	9°28	10°47	29° 9	29°39	0° 2	0°45	17°36	n.a.	W21
T 22	5 11 6	18°55'33	25°35	20° 7	9°53	3°38	20°22	9°35	10°48	29°10	29°41	29♌58	0°42	17°43	n.a.	T 22
F 23	5 15 2	19°56'28	9♉39	21°52	11° 5	3°58	20°16	9°42	10°49	29°11	29°43	29°50	0°39	17°50	n.a.	F 23
S 24	5 18 59	20°57'21	23°36	23°37	12°18	4°18	20°10	9°49	10°50	29°13	29°45	29°40	0°35	17°56	n.a.	S 24
S 25	5 22 55	21°58'13	7♊24	25°23	13°30	4°37	20° 4	9°56	10°52	29°14	29°46	29°29	0°32	18° 3	n.a.	S 25
M26	5 26 52	22°59'03	20°58	27° 9	14°43	4°56	19°58	10° 3	10°53	29°15	29°48	29°17	0°29	18°10	n.a.	M26
T 27	5 30 49	23°59'52	4♋15	28°57	15°55	5°15	19°53	10°10	10°54	29°16	29°50	29° 6	0°26	18°16	n.a.	T 27
W28	5 34 45	25° 0'40	17°13	0♑44	17° 8	5°33	19°47	10°17	10°55	29°17	29°52	28°57	0°23	18°23	n.a.	W28
T 29	5 38 42	26° 1'26	29°52	2°32	18°20	5°50	19°42	10°24	10°57	29°18	29°54	28°51	0°20	18°30	n.a.	T 29
F 30	5 42 38	27° 2'10	12♌14	4°21	19°33	6° 8	19°37	10°31	10°58	29°20	29°55	28°47	0°16	18°36	n.a.	F 30
S 31	5 46 35	28♐ 2'54	24♌21	6♑ 9	20♏45	6♍25	19♉32	10♐38	11♓ 0	29♒21	29♐57	28°D45	0♍13	18♍43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19s57	18n50	3s13	17s22	0s31	3s43	2n24	15n32	2n24	18n28	0s23	21s15	0n38	8s25	0s46	13s40	1s44	31s18	7s27	11n 1	11n 1	6n58			n.a.
F 2	20 11	17 13	2 19	17 55	0 37	4 11	2 24	15 24	2 25	18 26	0 23	21 16	0 38	8 25	0 46	13 40	1 44	31 18	7 27	11 2	11 2	6 56			n.a.
S 3	20 25	14 52	1 19	18 27	0 43	4 39	2 24	15 16	2 26	18 24	0 23	21 18	0 38	8 25	0 46	13 40	1 44	31 18	7 27	11 3	11 3	6 55			n.a.
S 4	20 38	11 55	0 17	18 59	0 49	5 7	2 23	15 8	2 28	18 22	0 23	21 19	0 38	8 25	0 46	13 40	1 44	31 18	7 27	11 3	11 4	6 53			n.a.
M 5	20 51	8 31	0n46	19 30	0 55	5 35	2 22	15 0	2 29	18 20	0 23	21 20	0 38	8 25	0 46	13 39	1 44	31 18	7 26	11 3	11 6	6 51			n.a.
T 6	21 3	4 47	1 46	20 0	1 1	6 3	2 22	14 52	2 30	18 18	0 22	21 21	0 38	8 25	0 46	13 39	1 44	31 18	7 26	11 3	11 7	6 49			n.a.
W 7	21 15	0 51	2 42	20 29	1 7	6 31	2 21	14 45	2 31	18 16	0 22	21 23	0 38	8 25	0 46	13 39	1 44	31 18	7 26	11 4	11 8	6 47			n.a.
T 8	21 27	3s10	3 32	20 57	1 12	6 58	2 20	14 37	2 33	18 14	0 22	21 24	0 37	8 25	0 46	13 39	1 44	31 18	7 26	11 6	11 9	6 45			n.a.
F 9	21 38	7 7	4 12	21 24	1 17	7 26	2 19	14 30	2 34	18 12	0 22	21 25	0 37	8 24	0 46	13 38	1 44	31 18	7 26	11 10	11 10	6 43			n.a.
S 10	21 49	10 52	4 42	21 51	1 22	7 54	2 18	14 22	2 35	18 11	0 22	21 26	0 37	8 24	0 46	13 38	1 44	31 18	7 26	11 14	11 11	6 42			n.a.
S 11	21 59	14 12	4 58	22 16	1 27	8 21	2 16	14 15	2 36	18 9	0 22	21 28	0 37	8 24	0 46	13 38	1 44	31 18	7 26	11 18	11 13	6 40			n.a.
M12	22 9	16 54	4 59	22 40	1 31	8 48	2 15	14 7	2 38	18 7	0 21	21 29	0 37	8 24	0 46	13 38	1 44	31 18	7 26	11 23	11 14	6 38			n.a.
T 13	22 18	18 46	4 44	23 3	1 35	9 15	2 14	14 0	2 39	18 5	0 21	21 30	0 37	8 24	0 46	13 37	1 44	31 18	7 26	11 28	11 15	6 36			n.a.
W14	22 27	19 37	4 12	23 25	1 39	9 42	2 12	13 53	2 40	18 3	0 21	21 31	0 37	8 23	0 46	13 37	1 43	31 18	7 26	11 32	11 16	6 34			n.a.
T 15	22 36	19 19	3 26	23 45	1 43	10 9	2 10	13 46	2 42	18 2	0 21	21 32	0 37	8 23	0 46	13 37	1 43	31 18	7 26	11 35	11 17	6 32			n.a.
F 16	22 44	17 51	2 26	24 4	1 46	10 36	2 9	13 39	2 43	18 0	0 21	21 34	0 37	8 23	0 46	13 36	1 43	31 18	7 26	11 37	11 18	6 30			n.a.
S 17	22 52	15 19	1 18	24 22	1 49	11 2	2 7	13 32	2 44	17 58	0 21	21 35	0 37	8 22	0 45	13 36	1 43	31 18	7 26	11 38	11 19	6 29			n.a.
S 18	22 59	11 52	0 4	24 38	1 52	11 29	2 5	13 25	2 45	17 57	0 20	21 36	0 37	8 22	0 45	13 36	1 43	31 18	7 26	11 39	11 21	6 27			n.a.
M19	23 6	7 45	1s10	24 53	1 54	11 55	2 3	13 19	2 47	17 55	0 20	21 37	0 37	8 22	0 45	13 35	1 43	31 18	7 26	11 38	11 22	6 25			n.a.
T 20	23 12	3 11	2 20	25 6	1 56	12 20	2 1	13 12	2 48	17 53	0 20	21 38	0 37	8 21	0 45	13 35	1 43	31 18	7 26	11 39	11 23	6 23			n.a.
W21	23 18	1n33	3 21	25 18	1 58	12 46	1 59	13 6	2 50	17 52	0 20	21 39	0 37	8 21	0 45	13 35	1 43	31 18	7 26	11 39	11 24	6 21			n.a.
T 22	23 23	6 11	4 10	25 28	1 59	13 11	1 57	13 0	2 51	17 50	0 20	21 41	0 36	8 20	0 45	13 34	1 43	31 18	7 26	11 41	11 25	6 19			n.a.
F 23	23 28	10 28	4 44	25 36	2 0	13 36	1 55	12 53	2 52	17 49	0 19	21 42	0 36	8 20	0 45	13 34	1 43	31 18	7 26	11 44	11 26	6 17			n.a.
S 24	23 33	14 9	5 1	25 42	2 0	14 1	1 53	12 47	2 54	17 47	0 19	21 43	0 36	8 19	0 45	13 33	1 43	31 18	7 27	11 47	11 27	6 16			n.a.
S 25	23 37	17 0	5 0	25 47	2 0	14 25	1 50	12 42	2 55	17 46	0 19	21 44	0 36	8 19	0 45	13 33	1 43	31 18	7 27	11 51	11 29	6 14			n.a.
M26	23 40	18 52	4 41	25 49	1 59	14 49	1 48	12 36	2 57	17 44	0 19	21 45	0 36	8 18	0 45	13 32	1 43	31 18	7 27	11 55	11 30	6 12			n.a.
T 27	23 43	19 39	4 8	25 49	1 58	15 12	1 46	12 30	2 58	17 43	0 19	21 46	0 36	8 18	0 45	13 32	1 43	31 18	7 27	11 59	11 31	6 10			n.a.
W28	23 46	19 23	3 23	25 48	1 56	15 36	1 43	12 25	2 59	17 42	0 18	21 47	0 36	8 17	0 45	13 31	1 43	31 18	7 27	12 2	11 32	6 8			n.a.
T 29	23 48	18 8	2 28	25 44	1 54	15 59	1 41	12 19	3 1	17 41	0 18	21 48	0 36	8 17	0 45	13 31	1 43	31 18	7 27	12 5	11 33	6 6			n.a.
F 30	23 50	16 2	1 27	25 39	1 51	16 21	1 38	12 14	3 2	17 39	0 18	21 49	0 36	8 16	0 45	13 31	1 43	31 18	7 27	12 6	11 34	6 4			n.a.
S 31	23s51	13n16	0s24	25s31	1s48	16s43	1n36	12n 9	3n 4	17n38	0s18	21s51	0n36	8s16	0s45	13s30	1s43	31s18	7s27	12n 7	11n35	6n 2			n.a.

Julian Day Number = 1200180.5, Delta T = 09h23m20s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°46'00, Lahiri = -23°38'59 Julian Calendar 1 Dec. 1428 BCE == Greg. Calendar 18 Nov. 1428 BCE

The year -1427 astronomical counting style corresponds to year 1428 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

JANUARY 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 50 31	29♐ 3'35	6♍17	7♑58	21♏58	6♍41	19°R27	10♐45	11♓ 1	29♒22	29♐59	28♌46	0♍10	18♍50	n.a.	S 1
M 2	5 54 28	0♑ 4'16	18° 6	9°47	23°11	6°57	19♉22	10°52	11° 3	29°23	0♑ 1	28°46	0° 7	18°56	n.a.	M 2
T 3	5 58 24	1° 4'55	29°55	11°36	24°24	7°12	19°18	10°59	11° 4	29°25	0° 3	28°R47	0° 4	19° 3	n.a.	T 3
W 4	6 2 21	2° 5'33	11♎47	13°24	25°36	7°27	19°14	11° 6	11° 6	29°26	0° 5	28°46	0° 1	19°10	n.a.	W 4
T 5	6 6 18	3° 6'09	23°50	15°11	26°49	7°42	19° 9	11°12	11° 8	29°28	0° 6	28°44	29♌57	19°16	n.a.	T 5
F 6	6 10 14	4° 6'44	6♏ 7	16°58	28° 2	7°56	19° 6	11°19	11° 9	29°29	0° 8	28°39	29°54	19°23	n.a.	F 6
S 7	6 14 11	5° 7'18	18°42	18°43	29°15	8° 9	19° 2	11°26	11°11	29°30	0°10	28°32	29°51	19°30	n.a.	S 7
S 8	6 18 7	6° 7'50	1♐39	20°27	0♐28	8°22	18°58	11°33	11°13	29°32	0°12	28°24	29°48	19°36	n.a.	S 8
M 9	6 22 4	7° 8'20	14°57	22° 8	1°41	8°35	18°55	11°39	11°15	29°33	0°14	28°15	29°45	19°43	n.a.	M 9
T 10	6 26 0	8° 8'49	28°37	23°47	2°54	8°47	18°52	11°46	11°17	29°35	0°15	28° 6	29°41	19°50	n.a.	T 10
W11	6 29 57	9° 9'16	12♑35	25°23	4° 7	8°58	18°49	11°53	11°19	29°37	0°17	27°58	29°38	19°56	n.a.	W11
T 12	6 33 53	10° 9'41	26°46	26°55	5°20	9° 9	18°46	11°59	11°21	29°38	0°19	27°52	29°35	20° 3	n.a.	T 12
F 13	6 37 50	11°10'04	11♒ 6	28°23	6°33	9°19	18°43	12° 6	11°23	29°40	0°21	27°49	29°32	20° 9	n.a.	F 13
S 14	6 41 47	12°10'25	25°30	29°46	7°45	9°29	18°41	12°12	11°25	29°41	0°22	27°D48	29°29	20°16	n.a.	S 14
S 15	6 45 43	13°10'43	9♓52	1♒ 3	8°58	9°38	18°39	12°19	11°27	29°43	0°24	27°48	29°26	20°23	n.a.	S 15
M16	6 49 40	14°11'00	24°10	2°14	10°11	9°46	18°37	12°25	11°29	29°45	0°26	27°49	29°22	20°29	n.a.	M16
T 17	6 53 36	15°11'14	8♈21	3°18	11°25	9°54	18°35	12°32	11°31	29°47	0°28	27°50	29°19	20°36	n.a.	T 17
W18	6 57 33	16°11'26	22°24	4°15	12°38	10° 1	18°33	12°38	11°33	29°48	0°30	27°R50	29°16	20°43	n.a.	W18
T 19	7 1 29	17°11'36	6♉17	5° 4	13°51	10° 8	18°32	12°44	11°36	29°50	0°31	27°49	29°13	20°49	n.a.	T 19
F 20	7 5 26	18°11'43	20° 1	5°44	15° 4	10°13	18°31	12°51	11°38	29°52	0°33	27°45	29°10	20°56	n.a.	F 20
S 21	7 9 22	19°11'49	3♊33	6°16	16°17	10°19	18°30	12°57	11°40	29°54	0°35	27°40	29° 7	21° 3	n.a.	S 21
S 22	7 13 19	20°11'52	16°54	6°38	17°30	10°23	18°29	13° 3	11°43	29°55	0°36	27°34	29° 3	21° 9	n.a.	S 22
M23	7 17 16	21°11'52	0♋ 2	6°51	18°43	10°27	18°28	13° 9	11°45	29°57	0°38	27°27	29° 0	21°16	n.a.	M23
T 24	7 21 12	22°11'51	12°56	6°R55	19°56	10°30	18°28	13°15	11°48	29°59	0°40	27°22	28°57	21°23	n.a.	T 24
W25	7 25 9	23°11'47	25°36	6°50	21° 9	10°33	18°27	13°22	11°50	0♓ 1	0°42	27°17	28°54	21°29	n.a.	W25
T 26	7 29 5	24°11'42	8♌ 3	6°35	22°22	10°35	18°D27	13°28	11°53	0° 3	0°43	27°13	28°51	21°36	n.a.	T 26
F 27	7 33 2	25°11'34	20°16	6°12	23°35	10°36	18°27	13°34	11°55	0° 5	0°45	27°12	28°47	21°43	n.a.	F 27
S 28	7 36 58	26°11'24	2♍18	5°41	24°48	10°R36	18°28	13°39	11°58	0° 7	0°47	27°D12	28°44	21°49	n.a.	S 28
S 29	7 40 55	27°11'13	14°12	5° 3	26° 2	10°36	18°28	13°45	12° 1	0° 9	0°48	27°13	28°41	21°56	n.a.	S 29
M30	7 44 51	28°10'59	26° 2	4°19	27°15	10°35	18°29	13°51	12° 3	0°11	0°50	27°14	28°38	22° 3	n.a.	M30
T 31	7 48 48	29♑10'43	7♎51	3♒30	28♐28	10♍33	18♉30	13♐57	12♓ 6	0♓13	0♑52	27♌16	28♌35	22♍ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23s51	9n59	0n40	25s20	1s44	17s 5	1n33	12n 4	3n 5	17n37	0s18	21s52	0n36	8s15	0s45	13s30	1s43	31s19	7s27	12n 7	11n37	6n 1			n.a.
M 2	23 52	6 21	1 42	25 8	1 39	17 26	1 30	12 0	3 7	17 36	0 17	21 53	0 36	8 14	0 45	13 29	1 43	31 19	7 27	12 6	11 38	5 59			n.a.
T 3	23 51	2 28	2 39	24 54	1 33	17 47	1 28	11 55	3 8	17 35	0 17	21 54	0 36	8 14	0 45	13 28	1 43	31 19	7 27	12 6	11 39	5 57			n.a.
W 4	23 51	1s32	3 30	24 37	1 27	18 8	1 25	11 51	3 10	17 34	0 17	21 55	0 36	8 13	0 45	13 28	1 42	31 19	7 27	12 6	11 40	5 55			n.a.
T 5	23 49	5 31	4 12	24 18	1 20	18 28	1 22	11 47	3 11	17 33	0 17	21 56	0 36	8 12	0 45	13 27	1 42	31 19	7 27	12 7	11 41	5 53			n.a.
F 6	23 48	9 20	4 43	23 58	1 13	18 47	1 19	11 43	3 13	17 32	0 17	21 57	0 36	8 12	0 45	13 27	1 42	31 19	7 27	12 9	11 42	5 51			n.a.
S 7	23 46	12 51	5 2	23 35	1 4	19 6	1 16	11 39	3 14	17 31	0 17	21 58	0 36	8 11	0 45	13 26	1 42	31 19	7 27	12 11	11 43	5 49			n.a.
S 8	23 43	15 51	5 6	23 10	0 55	19 25	1 13	11 35	3 16	17 30	0 16	21 59	0 35	8 10	0 45	13 26	1 42	31 19	7 27	12 14	11 44	5 47			n.a.
M 9	23 40	18 8	4 54	22 44	0 45	19 43	1 10	11 32	3 17	17 30	0 16	22 0	0 35	8 9	0 45	13 25	1 42	31 19	7 27	12 17	11 46	5 45			n.a.
T 10	23 36	19 26	4 25	22 17	0 34	20 0	1 7	11 29	3 19	17 29	0 16	22 1	0 35	8 9	0 45	13 25	1 42	31 19	7 28	12 21	11 47	5 44			n.a.
W11	23 32	19 37	3 39	21 48	0 22	20 17	1 5	11 26	3 20	17 28	0 16	22 2	0 35	8 8	0 44	13 24	1 42	31 19	7 28	12 23	11 48	5 42			n.a.
T 12	23 28	18 34	2 40	21 18	0 10	20 33	1 2	11 23	3 22	17 28	0 16	22 3	0 35	8 7	0 44	13 23	1 42	31 19	7 28	12 25	11 49	5 40			n.a.
F 13	23 23	16 19	1 29	20 47	0n 3	20 49	0 59	11 20	3 23	17 27	0 15	22 3	0 35	8 6	0 44	13 23	1 42	31 19	7 28	12 27	11 50	5 38			n.a.
S 14	23 17	13 3	0 12	20 17	0 17	21 5	0 56	11 18	3 25	17 27	0 15	22 4	0 35	8 5	0 44	13 22	1 42	31 20	7 28	12 27	11 51	5 36			n.a.
S 15	23 12	9 0	1s 5	19 46	0 32	21 19	0 52	11 16	3 26	17 26	0 15	22 5	0 35	8 5	0 44	13 21	1 42	31 20	7 28	12 27	11 52	5 34			n.a.
M16	23 5	4 28	2 18	19 15	0 47	21 33	0 49	11 14	3 28	17 26	0 15	22 6	0 35	8 4	0 44	13 21	1 42	31 20	7 28	12 26	11 54	5 32			n.a.
T 17	22 59	0n17	3 22	18 46	1 2	21 47	0 46	11 13	3 29	17 25	0 15	22 7	0 35	8 3	0 44	13 20	1 42	31 20	7 28	12 26	11 55	5 30			n.a.
W18	22 52	4 57	4 13	18 17	1 17	22 0	0 43	11 11	3 31	17 25	0 14	22 8	0 35	8 2	0 44	13 20	1 42	31 20	7 28	12 26	11 56	5 28			n.a.
T 19	22 44	9 19	4 49	17 50	1 33	22 12	0 40	11 10	3 32	17 25	0 14	22 9	0 35	8 1	0 44	13 19	1 42	31 20	7 29	12 27	11 57	5 26			n.a.
F 20	22 36	13 7	5 8	17 25	1 49	22 23	0 37	11 9	3 34	17 25	0 14	22 10	0 35	8 0	0 44	13 18	1 42	31 20	7 29	12 28	11 58	5 24			n.a.
S 21	22 28	16 11	5 9	17 1	2 5	22 34	0 34	11 8	3 35	17 25	0 14	22 11	0 35	7 59	0 44	13 17	1 42	31 20	7 29	12 30	11 59	5 22			n.a.
S 22	22 19	18 20	4 53	16 41	2 20	22 45	0 31	11 8	3 37	17 25	0 14	22 11	0 35	7 58	0 44	13 17	1 42	31 20	7 29	12 32	12 0	5 21			n.a.
M23	22 9	19 29	4 22	16 23	2 35	22 54	0 28	11 8	3 38	17 25	0 14	22 12	0 35	7 57	0 44	13 16	1 42	31 21	7 29	12 34	12 1	5 19			n.a.
T 24	22 0	19 36	3 38	16 9	2 49	23 3	0 25	11 8	3 40	17 25	0 13	22 13	0 35	7 56	0 44	13 15	1 42	31 21	7 29	12 36	12 3	5 17			n.a.
W25	21 50	18 42	2 44	15 57	3 2	23 12	0 22	11 8	3 41	17 25	0 13	22 14	0 35	7 55	0 44	13 15	1 42	31 21	7 29	12 38	12 4	5 15			n.a.
T 26	21 39	16 55	1 43	15 49	3 14	23 19	0 19	11 9	3 42	17 25	0 13	22 15	0 35	7 54	0 44	13 14	1 42	31 21	7 29	12 39	12 5	5 13			n.a.
F 27	21 28	14 23	0 38	15 44	3 25	23 26	0 16	11 10	3 44	17 25	0 13	22 15	0 35	7 53	0 44	13 13	1 42	31 21	7 30	12 40	12 6	5 11			n.a.
S 28	21 17	11 16	0n28	15 43	3 35	23 33	0 13	11 11	3 45	17 25	0 13	22 16	0 35	7 52	0 44	13 13	1 42	31 21	7 30	12 40	12 7	5 9			n.a.
S 29	21 5	7 44	1 32	15 45	3 42	23 38	0 10	11 12	3 47	17 26	0 12	22 17	0 35	7 51	0 44	13 12	1 42	31 21	7 30	12 39	12 8	5 7			n.a.
M30	20 53	3 55	2 32	15 49	3 48	23 43	0 7	11 14	3 48	17 26	0 12	22 18	0 34	7 50	0 44	13 11	1 42	31 22	7 30	12 39	12 9	5 5			n.a.
T 31	20s41	0s 2	3n25	15s57	3n52	23s47	0n 4	11n16	3n49	17n27	0s12	22s18	0n34	7s49	0s44	13s10	1s42	31s22	7s30	12n38	12n10	5n 3			n.a.

Julian Day Number = 1200211.5, Delta T = 09h23m18s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'55, Lahiri = -23°38'55 Julian Calendar 1 Jan. 1427 BCE == Greg. Calendar 19 Dec. 1428 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

FEBRUARY 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 52 44	0♒10'26	19♎43	2°R37	29♐41	10°R30	18♉31	14♐ 2	12♓ 9	0♓15	0♑53	27♌17	28♌32	22♍16	n.a.	W 1
T 2	7 56 41	1°10'06	1♏45	1♒41	0♑54	10♍27	18°32	14° 8	12°11	0°17	0°55	27°R18	28°28	22°23	n.a.	T 2
F 3	8 0 38	2° 9'45	14° 1	0°44	2° 7	10°23	18°34	14°14	12°14	0°19	0°56	27°17	28°25	22°29	n.a.	F 3
S 4	8 4 34	3° 9'22	26°35	29♑46	3°21	10°18	18°36	14°19	12°17	0°21	0°58	27°16	28°22	22°36	n.a.	S 4
S 5	8 8 31	4° 8'57	9♐31	28°50	4°34	10°12	18°38	14°25	12°20	0°23	1° 0	27°13	28°19	22°43	n.a.	S 5
M 6	8 12 27	5° 8'30	22°52	27°56	5°47	10° 6	18°40	14°30	12°23	0°25	1° 1	27°10	28°16	22°49	n.a.	M 6
T 7	8 16 24	6° 8'01	6♑38	27° 5	7° 0	9°58	18°42	14°35	12°26	0°27	1° 3	27° 7	28°13	22°56	n.a.	T 7
W 8	8 20 20	7° 7'30	20°48	26°19	8°13	9°50	18°44	14°41	12°28	0°29	1° 4	27° 4	28° 9	23° 3	n.a.	W 8
T 9	8 24 17	8° 6'57	5♒17	25°37	9°27	9°41	18°47	14°46	12°31	0°31	1° 6	27° 2	28° 6	23° 9	n.a.	T 9
F 10	8 28 13	9° 6'22	20° 0	25° 0	10°40	9°32	18°50	14°51	12°34	0°33	1° 7	27°D 1	28° 3	23°16	n.a.	F 10
S 11	8 32 10	10° 5'44	4♓50	24°29	11°53	9°21	18°53	14°56	12°37	0°36	1° 9	27° 1	28° 0	23°23	n.a.	S 11
S 12	8 36 7	11° 5'04	19°38	24° 3	13° 6	9°10	18°56	15° 1	12°40	0°38	1°10	27° 2	27°57	23°29	n.a.	S 12
M13	8 40 3	12° 4'21	4♈20	23°44	14°20	8°58	18°59	15° 6	12°43	0°40	1°12	27° 3	27°53	23°36	n.a.	M13
T 14	8 44 0	13° 3'37	18°48	23°30	15°33	8°46	19° 3	15°11	12°47	0°42	1°13	27° 4	27°50	23°43	n.a.	T 14
W15	8 47 56	14° 2'49	3♉ 0	23°23	16°46	8°32	19° 7	15°16	12°50	0°44	1°14	27° 5	27°47	23°49	n.a.	W15
T 16	8 51 53	15° 1'59	16°55	23°D21	17°59	8°18	19°10	15°21	12°53	0°46	1°16	27°R 5	27°44	23°56	n.a.	T 16
F 17	8 55 49	16° 1'07	0♊31	23°25	19°13	8° 3	19°15	15°25	12°56	0°49	1°17	27° 5	27°41	24° 3	n.a.	F 17
S 18	8 59 46	17° 0'12	13°49	23°34	20°26	7°48	19°19	15°30	12°59	0°51	1°19	27° 4	27°38	24° 9	n.a.	S 18
S 19	9 3 42	17°59'15	26°51	23°49	21°39	7°32	19°23	15°34	13° 2	0°53	1°20	27° 3	27°34	24°16	n.a.	S 19
M20	9 7 39	18°58'15	9♋38	24° 8	22°52	7°15	19°28	15°39	13° 5	0°55	1°21	27° 1	27°31	24°23	n.a.	M20
T 21	9 11 35	19°57'13	22°11	24°33	24° 5	6°58	19°33	15°43	13° 9	0°58	1°23	27° 0	27°28	24°29	n.a.	T 21
W22	9 15 32	20°56'09	4♌32	25° 2	25°19	6°40	19°37	15°47	13°12	1° 0	1°24	27° 0	27°25	24°36	n.a.	W22
T 23	9 19 29	21°55'02	16°43	25°35	26°32	6°22	19°43	15°52	13°15	1° 2	1°25	26°59	27°22	24°43	n.a.	T 23
F 24	9 23 25	22°53'54	28°46	26°12	27°45	6° 3	19°48	15°56	13°18	1° 4	1°26	26°D59	27°19	24°49	n.a.	F 24
S 25	9 27 22	23°52'42	10♍42	26°53	28°58	5°43	19°53	16° 0	13°22	1° 6	1°28	26°59	27°15	24°56	n.a.	S 25
S 26	9 31 18	24°51'29	22°33	27°38	0♒12	5°23	19°59	16° 4	13°25	1° 9	1°29	27° 0	27°12	25° 2	n.a.	S 26
M27	9 35 15	25°50'14	4♎22	28°26	1°25	5° 3	20° 4	16° 8	13°28	1°11	1°30	27° 0	27° 9	25° 9	n.a.	M27
T 28	9 39 11	26♒48'57	16♎11	29♑18	2♒38	4♍42	20♉10	16♐12	13♓31	1♓13	1♑31	27°R 0	27♌ 6	25♍16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s28	4s 0	4n10	16s 8	3n54	23s51	0n 1	11n18	3n51	17n27	0s12	22s19	0n34	7s48	0s44	13s10	1s42	31s22	7s30	12n38	12n12	5n 1		n.a.
T 2	20 15	7 51	4 44	16 20	3 54	23 53	0s 2	11 21	3 52	17 28	0 12	22 20	0 34	7 47	0 44	13 9	1 42	31 22	7 31	12 37	12 13	4 59		n.a.
F 3	20 1	11 27	5 7	16 35	3 52	23 55	0 5	11 23	3 53	17 28	0 12	22 20	0 34	7 46	0 44	13 8	1 42	31 22	7 31	12 38	12 14	4 57		n.a.
S 4	19 48	14 38	5 15	16 51	3 48	23 57	0 8	11 26	3 54	17 29	0 11	22 21	0 34	7 45	0 44	13 7	1 41	31 22	7 31	12 38	12 15	4 55		n.a.
S 5	19 33	17 12	5 8	17 8	3 42	23 57	0 11	11 30	3 55	17 29	0 11	22 22	0 34	7 43	0 44	13 7	1 41	31 22	7 31	12 39	12 16	4 54		n.a.
M 6	19 19	18 56	4 44	17 27	3 34	23 57	0 13	11 33	3 57	17 30	0 11	22 23	0 34	7 42	0 44	13 6	1 41	31 23	7 31	12 40	12 17	4 52		n.a.
T 7	19 4	19 38	4 3	17 46	3 25	23 56	0 16	11 37	3 58	17 31	0 11	22 23	0 34	7 41	0 44	13 5	1 41	31 23	7 31	12 41	12 18	4 50		n.a.
W 8	18 49	19 8	3 7	18 5	3 14	23 55	0 19	11 41	3 59	17 32	0 11	22 24	0 34	7 40	0 44	13 4	1 41	31 23	7 32	12 42	12 19	4 48		n.a.
T 9	18 33	17 23	1 57	18 24	3 3	23 53	0 22	11 45	4 0	17 33	0 11	22 24	0 34	7 39	0 44	13 4	1 41	31 23	7 32	12 43	12 21	4 46		n.a.
F 10	18 18	14 28	0 39	18 43	2 50	23 50	0 24	11 50	4 0	17 34	0 10	22 25	0 34	7 38	0 44	13 3	1 41	31 23	7 32	12 43	12 22	4 44		n.a.
S 11	18 2	10 34	0s43	19 1	2 37	23 46	0 27	11 55	4 1	17 35	0 10	22 26	0 34	7 36	0 44	13 2	1 41	31 23	7 32	12 43	12 23	4 42		n.a.
S 12	17 45	6 2	2 2	19 19	2 24	23 42	0 30	12 0	4 2	17 36	0 10	22 26	0 34	7 35	0 44	13 1	1 41	31 24	7 32	12 43	12 24	4 40		n.a.
M13	17 28	1 11	3 12	19 37	2 9	23 36	0 32	12 5	4 3	17 37	0 10	22 27	0 34	7 34	0 44	13 0	1 41	31 24	7 33	12 43	12 25	4 38		n.a.
T 14	17 11	3n39	4 9	19 53	1 55	23 31	0 35	12 10	4 3	17 38	0 10	22 27	0 34	7 33	0 44	13 0	1 41	31 24	7 33	12 42	12 26	4 36		n.a.
W15	16 54	8 12	4 50	20 9	1 41	23 24	0 37	12 16	4 4	17 39	0 10	22 28	0 34	7 32	0 43	12 59	1 41	31 24	7 33	12 42	12 27	4 34		n.a.
T 16	16 37	12 12	5 12	20 23	1 26	23 17	0 40	12 22	4 5	17 40	0 9	22 29	0 34	7 30	0 43	12 58	1 41	31 24	7 33	12 42	12 28	4 32		n.a.
F 17	16 19	15 28	5 17	20 36	1 12	23 9	0 42	12 28	4 5	17 42	0 9	22 29	0 34	7 29	0 43	12 57	1 41	31 25	7 33	12 42	12 29	4 30		n.a.
S 18	16 1	17 50	5 4	20 49	0 58	23 0	0 44	12 34	4 5	17 43	0 9	22 30	0 34	7 28	0 43	12 56	1 41	31 25	7 34	12 42	12 31	4 28		n.a.
S 19	15 42	19 14	4 35	21 0	0 44	22 51	0 47	12 41	4 6	17 44	0 9	22 30	0 34	7 27	0 43	12 56	1 41	31 25	7 34	12 43	12 32	4 26		n.a.
M20	15 24	19 37	3 54	21 10	0 31	22 41	0 49	12 47	4 6	17 46	0 9	22 31	0 34	7 25	0 43	12 55	1 41	31 25	7 34	12 43	12 33	4 24		n.a.
T 21	15 5	19 1	3 2	21 18	0 17	22 30	0 51	12 54	4 6	17 47	0 9	22 31	0 34	7 24	0 43	12 54	1 41	31 25	7 34	12 43	12 34	4 22		n.a.
W22	14 46	17 30	2 2	21 25	0 5	22 19	0 53	13 1	4 6	17 49	0 8	22 32	0 34	7 23	0 43	12 53	1 41	31 26	7 34	12 44	12 35	4 20		n.a.
T 23	14 27	15 12	0 57	21 31	0s 7	22 7	0 55	13 8	4 6	17 50	0 8	22 32	0 34	7 22	0 43	12 52	1 41	31 26	7 35	12 44	12 36	4 18		n.a.
F 24	14 7	12 16	0n10	21 36	0 19	21 55	0 57	13 15	4 6	17 52	0 8	22 33	0 34	7 20	0 43	12 51	1 41	31 26	7 35	12 44	12 37	4 16		n.a.
S 25	13 48	8 51	1 15	21 39	0 31	21 41	0 59	13 22	4 5	17 54	0 8	22 33	0 34	7 19	0 43	12 51	1 41	31 26	7 35	12 44	12 38	4 14		n.a.
S 26	13 28	5 6	2 17	21 41	0 42	21 28	1 1	13 29	4 5	17 55	0 8	22 34	0 34	7 18	0 43	12 50	1 41	31 26	7 35	12 44	12 39	4 12		n.a.
M27	13 8	1 11	3 13	21 41	0 52	21 13	1 3	13 36	4 5	17 57	0 8	22 34	0 34	7 16	0 43	12 49	1 41	31 27	7 35	12 44	12 41	4 10		n.a.
T 28	12s47	2s47	4n 1	21s40	1s 2	20s58	1s 5	13n44	4n 4	17n59	0s 8	22s34	0n34	7s15	0s43	12s48	1s41	31s27	7s36	12n44	12n42	4n 8		n.a.

Julian Day Number = 1200242.5, Delta T = 09h23m16s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'51, Lahiri = -23°38'51 Julian Calendar 1 Feb. 1427 BCE == Greg. Calendar 19 Jan. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

MARCH 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 43 8	27♒47'38	28♎ 5	0♒13	3♒51	4°R21	20♉16	16♐15	13♓35	1♓15	1♑32	27°R 0	27♌ 3	25♍22	n.a.	W 1
T 2	9 47 4	28°46'17	10♏ 8	1°10	5° 5	4♍ 0	20°23	16°19	13°38	1°18	1°33	27♌ 0	26°59	25°29	n.a.	T 2
F 3	9 51 1	29°44'54	22°22	2°11	6°18	3°38	20°29	16°23	13°41	1°20	1°35	27° 0	26°56	25°36	n.a.	F 3
S 4	9 54 57	0♓43'30	4♐53	3°14	7°31	3°16	20°35	16°26	13°45	1°22	1°36	27°D 0	26°53	25°42	n.a.	S 4
S 5	9 58 54	1°42'04	17°45	4°20	8°44	2°54	20°42	16°30	13°48	1°25	1°37	27° 0	26°50	25°49	n.a.	S 5
M 6	10 2 51	2°40'36	1♑ 0	5°28	9°58	2°31	20°49	16°33	13°52	1°27	1°38	27° 0	26°47	25°56	n.a.	M 6
T 7	10 6 47	3°39'06	14°42	6°39	11°11	2° 9	20°56	16°36	13°55	1°29	1°39	27° 1	26°44	26° 2	n.a.	T 7
W 8	10 10 44	4°37'34	28°51	7°52	12°24	1°46	21° 3	16°39	13°58	1°31	1°40	27° 1	26°40	26° 9	n.a.	W 8
T 9	10 14 40	5°36'01	13♒23	9° 7	13°38	1°24	21°10	16°42	14° 2	1°34	1°41	27° 2	26°37	26°16	n.a.	T 9
F 10	10 18 37	6°34'25	28°16	10°25	14°51	1° 1	21°17	16°45	14° 5	1°36	1°42	27°R 2	26°34	26°22	n.a.	F 10
S 11	10 22 33	7°32'48	13♓21	11°44	16° 4	0°39	21°25	16°48	14° 9	1°38	1°43	27° 2	26°31	26°29	n.a.	S 11
S 12	10 26 30	8°31'08	28°29	13° 6	17°17	0°17	21°32	16°51	14°12	1°40	1°43	27° 1	26°28	26°36	n.a.	S 12
M13	10 30 26	9°29'27	13♈32	14°29	18°31	29♌55	21°40	16°54	14°15	1°43	1°44	27° 0	26°24	26°42	n.a.	M13
T 14	10 34 23	10°27'43	28°21	15°55	19°44	29°33	21°48	16°56	14°19	1°45	1°45	26°58	26°21	26°49	n.a.	T 14
W15	10 38 19	11°25'57	12♉49	17°22	20°57	29°11	21°56	16°59	14°22	1°47	1°46	26°57	26°18	26°56	n.a.	W15
T 16	10 42 16	12°24'09	26°53	18°52	22°11	28°50	22° 4	17° 1	14°26	1°49	1°47	26°55	26°15	27° 2	n.a.	T 16
F 17	10 46 13	13°22'19	10♊33	20°23	23°24	28°29	22°12	17° 4	14°29	1°52	1°48	26°D55	26°12	27° 9	n.a.	F 17
S 18	10 50 9	14°20'27	23°48	21°56	24°37	28° 8	22°21	17° 6	14°33	1°54	1°48	26°55	26° 9	27°16	n.a.	S 18
S 19	10 54 6	15°18'32	6♋41	23°31	25°50	27°48	22°29	17° 8	14°36	1°56	1°49	26°56	26° 5	27°22	n.a.	S 19
M20	10 58 2	16°16'36	19°16	25° 8	27° 4	27°29	22°38	17°10	14°39	1°58	1°50	26°57	26° 2	27°29	n.a.	M20
T 21	11 1 59	17°14'37	1♌35	26°46	28°17	27° 9	22°46	17°12	14°43	2° 0	1°50	26°59	25°59	27°36	n.a.	T 21
W22	11 5 55	18°12'37	13°43	28°27	29°30	26°51	22°55	17°14	14°46	2° 3	1°51	27° 0	25°56	27°42	n.a.	W22
T 23	11 9 52	19°10'34	25°42	0♓ 9	0♓44	26°33	23° 4	17°16	14°50	2° 5	1°52	27°R 1	25°53	27°49	n.a.	T 23
F 24	11 13 48	20° 8'30	7♍36	1°53	1°57	26°15	23°13	17°18	14°53	2° 7	1°52	27° 0	25°50	27°56	n.a.	F 24
S 25	11 17 45	21° 6'23	19°26	3°39	3°10	25°59	23°22	17°19	14°57	2° 9	1°53	26°59	25°46	28° 2	n.a.	S 25
S 26	11 21 41	22° 4'15	1♎15	5°27	4°23	25°42	23°32	17°21	15° 0	2°11	1°53	26°56	25°43	28° 9	n.a.	S 26
M27	11 25 38	23° 2'06	13° 6	7°16	5°37	25°27	23°41	17°22	15° 3	2°13	1°54	26°52	25°40	28°16	n.a.	M27
T 28	11 29 35	23°59'55	24°59	9° 8	6°50	25°12	23°51	17°23	15° 7	2°16	1°54	26°47	25°37	28°22	n.a.	T 28
W29	11 33 31	24°57'42	6♏57	11° 1	8° 3	24°58	24° 0	17°25	15°10	2°18	1°55	26°43	25°34	28°29	n.a.	W29
T 30	11 37 28	25°55'28	19° 3	12°56	9°17	24°44	24°10	17°26	15°14	2°20	1°55	26°38	25°30	28°36	n.a.	T 30
F 31	11 41 24	26♓53'12	1♐20	14♓53	10♓30	24♌32	24♉20	17♐27	15♓17	2♓22	1♑56	26♌35	25♌27	28♍42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	12s27	6s39	4n38	21s37	1s11	20s42	1s 7	13n51	4n 3	18n 0	0s 7	22s35	0n34	7s14	0s43	12s47	1s41	31s27	7s36	12n44	12n43	4n 6			n.a.
T 2	12 6	10 18	5 4	21 33	1 20	20 26	1 8	13 58	4 3	18 2	0 7	22 35	0 34	7 12	0 43	12 47	1 41	31 27	7 36	12 44	12 44	4 4			n.a.
F 3	11 46	13 35	5 17	21 27	1 28	20 9	1 10	14 5	4 2	18 4	0 7	22 36	0 33	7 11	0 43	12 46	1 41	31 27	7 36	12 44	12 45	4 3			n.a.
S 4	11 25	16 20	5 15	21 20	1 36	19 52	1 12	14 13	4 1	18 6	0 7	22 36	0 33	7 10	0 43	12 45	1 41	31 28	7 37	12 44	12 46	4 1			n.a.
S 5	11 3	18 21	4 57	21 11	1 43	19 34	1 13	14 20	4 0	18 8	0 7	22 36	0 33	7 8	0 43	12 44	1 41	31 28	7 37	12 44	12 47	3 59			n.a.
M 6	10 42	19 28	4 24	21 0	1 50	19 15	1 14	14 27	3 58	18 10	0 7	22 37	0 33	7 7	0 43	12 43	1 41	31 28	7 37	12 44	12 48	3 57			n.a.
T 7	10 21	19 29	3 34	20 48	1 56	18 56	1 16	14 34	3 57	18 12	0 6	22 37	0 33	7 6	0 43	12 42	1 41	31 28	7 37	12 43	12 49	3 55			n.a.
W 8	9 59	18 18	2 30	20 35	2 1	18 37	1 17	14 41	3 56	18 14	0 6	22 38	0 33	7 4	0 43	12 42	1 41	31 29	7 38	12 43	12 50	3 53			n.a.
T 9	9 37	15 54	1 15	20 19	2 7	18 17	1 18	14 48	3 54	18 16	0 6	22 38	0 33	7 3	0 43	12 41	1 41	31 29	7 38	12 43	12 52	3 51			n.a.
F 10	9 15	12 24	0s 7	20 2	2 11	17 56	1 20	14 55	3 53	18 18	0 6	22 38	0 33	7 2	0 43	12 40	1 41	31 29	7 38	12 43	12 53	3 49			n.a.
S 11	8 53	8 2	1 29	19 44	2 15	17 35	1 21	15 1	3 51	18 20	0 6	22 39	0 33	7 0	0 43	12 39	1 41	31 29	7 38	12 43	12 54	3 47			n.a.
S 12	8 31	3 8	2 46	19 23	2 19	17 13	1 22	15 8	3 49	18 22	0 6	22 39	0 33	6 59	0 43	12 38	1 41	31 30	7 39	12 43	12 55	3 45			n.a.
M13	8 9	1n54	3 50	19 1	2 21	16 51	1 23	15 14	3 47	18 25	0 6	22 39	0 33	6 58	0 43	12 38	1 41	31 30	7 39	12 44	12 56	3 43			n.a.
T 14	7 47	6 45	4 38	18 38	2 24	16 29	1 24	15 20	3 45	18 27	0 6	22 39	0 33	6 56	0 43	12 37	1 41	31 30	7 39	12 44	12 57	3 41			n.a.
W15	7 24	11 5	5 7	18 12	2 26	16 6	1 25	15 26	3 43	18 29	0 5	22 40	0 33	6 55	0 43	12 36	1 41	31 30	7 39	12 45	12 58	3 39			n.a.
T 16	7 1	14 40	5 17	17 45	2 27	15 42	1 25	15 31	3 41	18 31	0 5	22 40	0 33	6 54	0 43	12 35	1 41	31 31	7 40	12 45	12 59	3 37			n.a.
F 17	6 39	17 21	5 8	17 16	2 28	15 19	1 26	15 37	3 38	18 34	0 5	22 40	0 33	6 52	0 43	12 34	1 41	31 31	7 40	12 45	13 0	3 35			n.a.
S 18	6 16	19 0	4 43	16 46	2 28	14 54	1 27	15 42	3 36	18 36	0 5	22 40	0 33	6 51	0 43	12 34	1 41	31 31	7 40	12 45	13 1	3 33			n.a.
S 19	5 53	19 38	4 4	16 14	2 27	14 30	1 27	15 47	3 34	18 38	0 5	22 41	0 33	6 50	0 43	12 33	1 41	31 31	7 40	12 45	13 3	3 31			n.a.
M20	5 30	19 15	3 14	15 40	2 26	14 5	1 28	15 51	3 31	18 41	0 5	22 41	0 33	6 48	0 43	12 32	1 41	31 32	7 41	12 45	13 4	3 29			n.a.
T 21	5 7	17 57	2 16	15 4	2 25	13 39	1 28	15 56	3 29	18 43	0 5	22 41	0 33	6 47	0 43	12 31	1 42	31 32	7 41	12 44	13 5	3 27			n.a.
W22	4 44	15 50	1 13	14 27	2 23	13 14	1 29	16 0	3 26	18 45	0 4	22 41	0 33	6 46	0 43	12 30	1 42	31 32	7 41	12 44	13 6	3 25			n.a.
T 23	4 21	13 4	0 7	13 48	2 20	12 48	1 29	16 4	3 23	18 48	0 4	22 42	0 33	6 44	0 43	12 30	1 42	31 32	7 42	12 43	13 7	3 23			n.a.
F 24	3 58	9 46	0n58	13 7	2 17	12 21	1 29	16 7	3 20	18 50	0 4	22 42	0 33	6 43	0 43	12 29	1 42	31 33	7 42	12 44	13 8	3 21			n.a.
S 25	3 35	6 6	2 0	12 25	2 13	11 55	1 30	16 10	3 18	18 53	0 4	22 42	0 33	6 42	0 43	12 28	1 42	31 33	7 42	12 44	13 9	3 19			n.a.
S 26	3 12	2 12	2 57	11 40	2 9	11 28	1 30	16 13	3 15	18 55	0 4	22 42	0 33	6 40	0 43	12 27	1 42	31 33	7 42	12 45	13 10	3 17			n.a.
M27	2 49	1s47	3 47	10 55	2 4	11 0	1 30	16 16	3 12	18 58	0 4	22 42	0 33	6 39	0 43	12 27	1 42	31 33	7 43	12 46	13 11	3 15			n.a.
T 28	2 25	5 43	4 26	10 7	1 59	10 33	1 30	16 18	3 9	19 0	0 4	22 42	0 33	6 38	0 43	12 26	1 42	31 34	7 43	12 48	13 12	3 13			n.a.
W29	2 2	9 26	4 55	9 18	1 53	10 5	1 30	16 20	3 6	19 3	0 4	22 43	0 33	6 36	0 43	12 25	1 42	31 34	7 43	12 50	13 13	3 11			n.a.
T 30	1 39	12 49	5 10	8 27	1 47	9 37	1 30	16 22	3 3	19 5	0 3	22 43	0 33	6 35	0 43	12 24	1 42	31 34	7 43	12 51	13 15	3 8			n.a.
F 31	1s16	15s42	5n12	7s35	1s40	9s 8	1s29	16n24	3n 0	19n 8	0s 3	22s43	0n33	6s34	0s43	12s24	1s42	31s34	7s44	12n52	13n16	3n 6			n.a.

Julian Day Number = 1200270.5, Delta T = 09h23m14s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'47, Lahiri = -23°38'47 Julian Calendar 1 March 1427 BCE == Greg. Calendar 16 Feb. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

APRIL 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 45 21	27♓50'55	13♐51	16♓52	11♓43	24°R20	24♉30	17♐28	15♓20	2♓24	1♑56	26°R33	25♌24	28♍49	n.a.	S 1
S 2	11 49 17	28°48'37	26°40	18°52	12°57	24♌ 9	24°40	17°29	15°24	2°26	1°57	26°D32	25°21	28°56	n.a.	S 2
M 3	11 53 14	29°46'18	9♑49	20°54	14°10	23°58	24°50	17°29	15°27	2°28	1°57	26♌32	25°18	29° 2	n.a.	M 3
T 4	11 57 10	0♈43'58	23°22	22°58	15°23	23°49	25° 0	17°30	15°30	2°30	1°57	26°33	25°15	29° 9	n.a.	T 4
W 5	12 1 7	1°41'36	7♒21	25° 3	16°36	23°40	25°10	17°30	15°34	2°32	1°58	26°35	25°11	29°16	n.a.	W 5
T 6	12 5 4	2°39'13	21°45	27°10	17°50	23°32	25°20	17°31	15°37	2°34	1°58	26°R36	25° 8	29°22	n.a.	T 6
F 7	12 9 0	3°36'49	6♓32	29°18	19° 3	23°25	25°31	17°31	15°40	2°36	1°58	26°35	25° 5	29°29	n.a.	F 7
S 8	12 12 57	4°34'24	21°37	1♈27	20°17	23°19	25°41	17°31	15°44	2°38	1°58	26°33	25° 2	29°36	n.a.	S 8
S 9	12 16 53	5°31'57	6♈50	3°37	21°30	23°13	25°52	17°32	15°47	2°40	1°58	26°30	24°59	29°42	n.a.	S 9
M10	12 20 50	6°29'29	22° 3	5°47	22°43	23° 8	26° 3	17°R32	15°50	2°42	1°59	26°25	24°55	29°49	n.a.	M10
T 11	12 24 46	7°27'00	7♉ 4	7°58	23°57	23° 5	26°14	17°32	15°53	2°44	1°59	26°19	24°52	29°56	n.a.	T 11
W12	12 28 43	8°24'29	21°46	10° 9	25°10	23° 2	26°24	17°31	15°57	2°46	1°59	26°13	24°49	0♎ 2	n.a.	W12
T 13	12 32 39	9°21'57	6♊ 1	12°21	26°23	22°59	26°35	17°31	16° 0	2°48	1°59	26° 8	24°46	0° 9	n.a.	T 13
F 14	12 36 36	10°19'24	19°49	14°31	27°37	22°58	26°47	17°31	16° 3	2°50	1°59	26° 4	24°43	0°16	n.a.	F 14
S 15	12 40 32	11°16'49	3♋ 7	16°41	28°50	22°D57	26°58	17°30	16° 6	2°52	1°59	26° 2	24°40	0°22	n.a.	S 15
S 16	12 44 29	12°14'12	16° 0	18°51	0♈ 3	22°58	27° 9	17°30	16° 9	2°54	1°R59	26°D 2	24°36	0°29	n.a.	S 16
M17	12 48 26	13°11'35	28°31	20°59	1°17	22°59	27°20	17°29	16°13	2°55	1°59	26° 3	24°33	0°36	n.a.	M17
T 18	12 52 22	14° 8'55	10♌45	23° 6	2°30	23° 0	27°31	17°29	16°16	2°57	1°59	26° 4	24°30	0°43	n.a.	T 18
W19	12 56 19	15° 6'15	22°46	25°11	3°44	23° 3	27°43	17°28	16°19	2°59	1°59	26°R 5	24°27	0°49	n.a.	W19
T 20	13 0 15	16° 3'33	4♍39	27°14	4°57	23° 6	27°54	17°27	16°22	3° 1	1°59	26° 4	24°24	0°56	n.a.	T 20
F 21	13 4 12	17° 0'50	16°28	29°15	6°10	23°10	28° 6	17°26	16°25	3° 3	1°59	26° 2	24°21	1° 3	n.a.	F 21
S 22	13 8 8	17°58'06	28°17	1♉14	7°24	23°15	28°17	17°25	16°28	3° 4	1°58	25°58	24°17	1° 9	n.a.	S 22
S 23	13 12 5	18°55'21	10♎ 7	3°11	8°37	23°21	28°29	17°23	16°31	3° 6	1°58	25°51	24°14	1°16	n.a.	S 23
M24	13 16 1	19°52'34	22° 1	5° 6	9°50	23°27	28°41	17°22	16°34	3° 8	1°58	25°43	24°11	1°23	n.a.	M24
T 25	13 19 58	20°49'47	4♏ 1	6°58	11° 4	23°34	28°53	17°21	16°37	3° 9	1°58	25°33	24° 8	1°29	n.a.	T 25
W26	13 23 55	21°47'00	16° 8	8°48	12°17	23°42	29° 5	17°19	16°40	3°11	1°58	25°22	24° 5	1°36	n.a.	W26
T 27	13 27 51	22°44'11	28°23	10°35	13°31	23°50	29°16	17°18	16°43	3°13	1°57	25°13	24° 1	1°43	n.a.	T 27
F 28	13 31 48	23°41'22	10♐49	12°20	14°44	23°59	29°28	17°16	16°46	3°14	1°57	25° 4	23°58	1°49	n.a.	F 28
S 29	13 35 44	24°38'33	23°26	14° 1	15°58	24° 9	29°40	17°14	16°49	3°16	1°57	24°58	23°55	1°56	n.a.	S 29
S 30	13 39 41	25♈35'43	6♑18	15♉41	17♈11	24♌19	29♉53	17♐13	16♓52	3♓17	1♑56	24♌54	23♌52	2♎ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s52	17s55	4n59	6s41	1s32	8s39	1s29	16n25	2n57	19n10	0s 3	22s43	0n33	6s32	0s43	12s23	1s42	31s35	7s44	12n53	13n17	3n 4		n.a.
S 2	0 29	19 18	4 31	5 46	1 24	8 11	1 29	16 26	2 54	19 13	0 3	22 43	0 33	6 31	0 43	12 22	1 42	31 35	7 44	12 53	13 18	3 2		n.a.
M 3	0 6	19 42	3 48	4 50	1 16	7 42	1 28	16 26	2 51	19 16	0 3	22 43	0 33	6 30	0 43	12 21	1 42	31 35	7 44	12 53	13 19	3 0		n.a.
T 4	0n18	18 59	2 52	3 52	1 7	7 12	1 28	16 27	2 48	19 18	0 3	22 43	0 33	6 28	0 43	12 21	1 42	31 35	7 45	12 53	13 20	2 58		n.a.
W 5	0 41	17 6	1 43	2 53	0 58	6 43	1 27	16 27	2 44	19 21	0 3	22 43	0 33	6 27	0 43	12 20	1 42	31 36	7 45	12 52	13 21	2 56		n.a.
T 6	1 4	14 5	0 26	1 53	0 48	6 13	1 27	16 27	2 41	19 24	0 3	22 43	0 33	6 26	0 43	12 19	1 42	31 36	7 45	12 52	13 22	2 54		n.a.
F 7	1 28	10 6	0s54	0 52	0 38	5 43	1 26	16 26	2 38	19 26	0 2	22 43	0 33	6 24	0 43	12 18	1 42	31 36	7 46	12 52	13 23	2 52		n.a.
S 8	1 51	5 24	2 12	0n 9	0 28	5 13	1 25	16 25	2 35	19 29	0 2	22 43	0 32	6 23	0 43	12 18	1 42	31 37	7 46	12 53	13 24	2 50		n.a.
S 9	2 14	0 19	3 21	1 11	0 18	4 43	1 25	16 24	2 32	19 32	0 2	22 44	0 32	6 22	0 43	12 17	1 42	31 37	7 46	12 54	13 25	2 48		n.a.
M10	2 37	4n47	4 16	2 13	0 8	4 13	1 24	16 23	2 29	19 34	0 2	22 44	0 32	6 21	0 43	12 16	1 42	31 37	7 46	12 56	13 27	2 46		n.a.
T 11	3 0	9 30	4 53	3 16	0n 3	3 43	1 23	16 21	2 26	19 37	0 2	22 44	0 32	6 19	0 43	12 16	1 42	31 37	7 47	12 58	13 28	2 44		n.a.
W12	3 23	13 33	5 9	4 18	0 14	3 12	1 22	16 19	2 23	19 40	0 2	22 44	0 32	6 18	0 43	12 15	1 42	31 38	7 47	13 0	13 29	2 42		n.a.
T 13	3 46	16 41	5 5	5 20	0 24	2 42	1 21	16 17	2 19	19 42	0 2	22 44	0 32	6 17	0 43	12 14	1 42	31 38	7 47	13 2	13 30	2 40		n.a.
F 14	4 9	18 45	4 44	6 21	0 34	2 11	1 20	16 15	2 16	19 45	0 2	22 44	0 32	6 15	0 43	12 14	1 42	31 38	7 48	13 3	13 31	2 38		n.a.
S 15	4 32	19 42	4 8	7 21	0 45	1 40	1 19	16 12	2 13	19 48	0 1	22 44	0 32	6 14	0 43	12 13	1 42	31 38	7 48	13 4	13 32	2 36		n.a.
S 16	4 55	19 35	3 20	8 21	0 54	1 10	1 18	16 9	2 10	19 51	0 1	22 44	0 32	6 13	0 43	12 12	1 42	31 39	7 48	13 4	13 33	2 34		n.a.
M17	5 18	18 29	2 24	9 19	1 4	0 39	1 16	16 6	2 7	19 53	0 1	22 44	0 32	6 12	0 43	12 12	1 42	31 39	7 48	13 3	13 34	2 32		n.a.
T 18	5 40	16 32	1 22	10 15	1 13	0 8	1 15	16 2	2 4	19 56	0 1	22 44	0 32	6 11	0 43	12 11	1 42	31 39	7 49	13 3	13 35	2 30		n.a.
W19	6 3	13 53	0 18	11 10	1 22	0n23	1 14	15 59	2 1	19 59	0 1	22 44	0 32	6 9	0 43	12 11	1 42	31 40	7 49	13 3	13 36	2 28		n.a.
T 20	6 25	10 41	0n46	12 4	1 30	0 54	1 12	15 55	1 58	20 2	0 1	22 43	0 32	6 8	0 43	12 10	1 43	31 40	7 49	13 3	13 37	2 26		n.a.
F 21	6 48	7 5	1 48	12 55	1 37	1 25	1 11	15 50	1 55	20 4	0 1	22 43	0 32	6 7	0 43	12 9	1 43	31 40	7 49	13 4	13 38	2 24		n.a.
S 22	7 10	3 12	2 44	13 44	1 44	1 56	1 9	15 46	1 52	20 7	0 1	22 43	0 32	6 6	0 43	12 9	1 43	31 40	7 50	13 5	13 39	2 22		n.a.
S 23	7 32	0s48	3 34	14 31	1 51	2 26	1 8	15 41	1 49	20 10	0 1	22 43	0 32	6 5	0 43	12 8	1 43	31 41	7 50	13 7	13 41	2 20		n.a.
M24	7 54	4 48	4 15	15 16	1 56	2 57	1 6	15 37	1 46	20 13	0 0	22 43	0 32	6 3	0 43	12 8	1 43	31 41	7 50	13 10	13 42	2 18		n.a.
T 25	8 16	8 38	4 44	15 59	2 2	3 28	1 5	15 32	1 44	20 15	0 0	22 43	0 32	6 2	0 43	12 7	1 43	31 41	7 51	13 14	13 43	2 16		n.a.
W26	8 38	12 9	5 1	16 40	2 6	3 59	1 3	15 26	1 41	20 18	0 0	22 43	0 32	6 1	0 43	12 6	1 43	31 42	7 51	13 17	13 44	2 13		n.a.
T 27	9 0	15 12	5 4	17 18	2 9	4 29	1 1	15 21	1 38	20 21	0 0	22 43	0 32	6 0	0 43	12 6	1 43	31 42	7 51	13 21	13 45	2 11		n.a.
F 28	9 21	17 37	4 54	17 54	2 12	5 0	0 59	15 15	1 35	20 24	0n 0	22 43	0 32	5 59	0 43	12 5	1 43	31 42	7 51	13 24	13 46	2 9		n.a.
S 29	9 43	19 14	4 28	18 28	2 14	5 30	0 58	15 9	1 32	20 26	0 0	22 43	0 32	5 58	0 43	12 5	1 43	31 42	7 52	13 26	13 47	2 7		n.a.
S 30	10n 4	19s53	3n49	18n59	2n16	6n 0	0s56	15n 3	1n30	20n29	0n 0	22s42	0n32	5s57	0s43	12s 4	1s43	31s43	7s52	13n27	13n48	2n 5		n.a.

Julian Day Number = 1200301.5, Delta T = 09h23m13s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'43, Lahiri = -23°38'43 Julian Calendar 1 Apr. 1427 BCE == Greg. Calendar 19 March 1427 BCE

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

MAY 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 43 37	26♈32'53	19♉26	17♉17	18♈25	24♌31	0♊ 5	17°R11	16♓54	3♓19	1°R56	24°R52	23♌49	2♎ 9	n.a.	M 1
T 2	13 47 34	27°30'02	2♒54	18°51	19°38	24°42	0°17	17♐ 9	16°57	3°20	1♉56	24°D52	23°46	2°16	n.a.	T 2
W 3	13 51 31	28°27'11	16°43	20°23	20°52	24°55	0°29	17° 6	17° 0	3°22	1°55	24°D53	23°42	2°23	n.a.	W 3
T 4	13 55 27	29°24'20	0♓54	21°51	22° 5	25° 7	0°41	17° 4	17° 3	3°23	1°55	24°R53	23°39	2°29	n.a.	T 4
F 5	13 59 24	0♉21'28	15°27	23°17	23°19	25°21	0°54	17° 2	17° 5	3°25	1°54	24°51	23°36	2°36	n.a.	F 5
S 6	14 3 20	1°18'36	0♈18	24°40	24°32	25°35	1° 6	17° 0	17° 8	3°26	1°54	24°47	23°33	2°43	n.a.	S 6
S 7	14 7 17	2°15'44	15°21	26° 0	25°46	25°50	1°19	16°57	17°11	3°28	1°53	24°41	23°30	2°49	n.a.	S 7
M 8	14 11 13	3°12'51	0♉27	27°18	26°59	26° 5	1°31	16°55	17°13	3°29	1°53	24°33	23°26	2°56	n.a.	M 8
T 9	14 15 10	4° 9'58	15°27	28°32	28°13	26°21	1°44	16°52	17°16	3°30	1°52	24°23	23°23	3° 3	n.a.	T 9
W10	14 19 6	5° 7'05	0♊10	29°44	29°26	26°38	1°56	16°49	17°19	3°32	1°51	24°13	23°20	3° 9	n.a.	W10
T 11	14 23 3	6° 4'11	14°30	0♊52	0♉40	26°55	2° 9	16°47	17°21	3°33	1°51	24° 4	23°17	3°16	n.a.	T 11
F 12	14 27 0	7° 1'17	28°22	1°58	1°53	27°12	2°22	16°44	17°24	3°34	1°50	23°56	23°14	3°23	n.a.	F 12
S 13	14 30 56	7°58'22	11♋45	3° 0	3° 7	27°30	2°34	16°41	17°26	3°35	1°50	23°52	23°11	3°29	n.a.	S 13
S 14	14 34 53	8°55'27	24°41	3°59	4°20	27°49	2°47	16°38	17°28	3°36	1°49	23°49	23° 7	3°36	n.a.	S 14
M15	14 38 49	9°52'31	7♌13	4°55	5°34	28° 8	3° 0	16°35	17°31	3°38	1°48	23°D48	23° 4	3°43	n.a.	M15
T 16	14 42 46	10°49'35	19°26	5°47	6°48	28°28	3°13	16°32	17°33	3°39	1°47	23°R48	23° 1	3°49	n.a.	T 16
W17	14 46 42	11°46'38	1♍27	6°36	8° 1	28°48	3°26	16°29	17°36	3°40	1°47	23°48	22°58	3°56	n.a.	W17
T 18	14 50 39	12°43'41	13°18	7°21	9°15	29° 8	3°38	16°25	17°38	3°41	1°46	23°47	22°55	4° 3	n.a.	T 18
F 19	14 54 35	13°40'44	25° 7	8° 2	10°29	29°29	3°51	16°22	17°40	3°42	1°45	23°43	22°52	4° 9	n.a.	F 19
S 20	14 58 32	14°37'46	6♎56	8°40	11°42	29°51	4° 4	16°19	17°42	3°43	1°44	23°37	22°48	4°16	n.a.	S 20
S 21	15 2 29	15°34'48	18°50	9°13	12°56	0♍13	4°17	16°15	17°45	3°44	1°43	23°29	22°45	4°23	n.a.	S 21
M22	15 6 25	16°31'50	0♏51	9°42	14° 9	0°35	4°30	16°12	17°47	3°45	1°43	23°17	22°42	4°30	n.a.	M22
T 23	15 10 22	17°28'53	13° 0	10° 7	15°23	0°58	4°43	16° 8	17°49	3°46	1°42	23° 5	22°39	4°36	n.a.	T 23
W24	15 14 18	18°25'55	25°19	10°28	16°37	1°21	4°56	16° 4	17°51	3°47	1°41	22°51	22°36	4°43	n.a.	W24
T 25	15 18 15	19°22'58	7♐49	10°44	17°50	1°45	5° 9	16° 1	17°53	3°48	1°40	22°39	22°32	4°50	n.a.	T 25
F 26	15 22 11	20°20'00	20°29	10°56	19° 4	2° 9	5°22	15°57	17°55	3°48	1°39	22°28	22°29	4°56	n.a.	F 26
S 27	15 26 8	21°17'04	3♑21	11° 3	20°18	2°33	5°36	15°53	17°57	3°49	1°38	22°19	22°26	5° 3	n.a.	S 27
S 28	15 30 5	22°14'07	16°24	11°R 5	21°32	2°58	5°49	15°49	17°59	3°50	1°37	22°14	22°23	5°10	n.a.	S 28
M29	15 34 1	23°11'12	29°40	11° 2	22°45	3°23	6° 2	15°45	18° 1	3°51	1°36	22°11	22°20	5°16	n.a.	M29
T 30	15 37 58	24° 8'16	13♒10	10°55	23°59	3°49	6°15	15°41	18° 2	3°51	1°35	22° 9	22°17	5°23	n.a.	T 30
W31	15 41 54	25♉ 5'22	26♒56	10♊44	25♉13	4♍15	6♊28	15♐37	18♓ 4	3♓52	1♑34	22♌ 9	22♌13	5♎30	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	10n25	19s30	2n58	19n28	2n17	6n31	0s54	14n57	1n27	20n32	0n 0	22s42	0n32	5s55	0s43	12s 4	1s43	31s43	7s52	13n28	13n49	2n 3			n.a.
T 2	10 46	18 0	1 55	19 55	2 17	7 1	0 52	14 50	1 24	20 34	0 0	22 42	0 32	5 54	0 44	12 3	1 43	31 43	7 52	13 28	13 50	2 1			n.a.
W 3	11 7	15 25	0 44	20 20	2 16	7 31	0 50	14 44	1 22	20 37	0 1	22 42	0 32	5 53	0 44	12 3	1 43	31 43	7 53	13 27	13 51	1 59			n.a.
T 4	11 27	11 51	0s32	20 43	2 15	8 0	0 48	14 37	1 19	20 40	0 1	22 42	0 31	5 52	0 44	12 2	1 43	31 44	7 53	13 27	13 52	1 57			n.a.
F 5	11 48	7 29	1 47	21 3	2 12	8 30	0 46	14 30	1 16	20 43	0 1	22 42	0 31	5 51	0 44	12 2	1 43	31 44	7 53	13 28	13 53	1 55			n.a.
S 6	12 8	2 34	2 57	21 22	2 9	8 59	0 44	14 22	1 14	20 45	0 1	22 41	0 31	5 50	0 44	12 1	1 43	31 44	7 53	13 29	13 54	1 53			n.a.
S 7	12 28	2n33	3 55	21 38	2 6	9 29	0 42	14 15	1 11	20 48	0 1	22 41	0 31	5 49	0 44	12 1	1 43	31 44	7 54	13 31	13 55	1 51			n.a.
M 8	12 48	7 31	4 37	21 52	2 2	9 58	0 40	14 7	1 9	20 51	0 1	22 41	0 31	5 48	0 44	12 0	1 43	31 45	7 54	13 34	13 57	1 49			n.a.
T 9	13 8	11 59	4 59	22 5	1 57	10 26	0 38	13 59	1 6	20 53	0 1	22 41	0 31	5 47	0 44	12 0	1 43	31 45	7 54	13 38	13 58	1 47			n.a.
W10	13 27	15 38	5 1	22 15	1 51	10 55	0 35	13 51	1 4	20 56	0 1	22 41	0 31	5 46	0 44	12 0	1 44	31 45	7 54	13 41	13 59	1 45			n.a.
T 11	13 47	18 15	4 44	22 24	1 44	11 23	0 33	13 43	1 2	20 59	0 1	22 40	0 31	5 45	0 44	11 59	1 44	31 45	7 55	13 44	14 0	1 42			n.a.
F 12	14 6	19 41	4 10	22 30	1 37	11 51	0 31	13 35	0 59	21 1	0 2	22 40	0 31	5 44	0 44	11 59	1 44	31 46	7 55	13 46	14 1	1 40			n.a.
S 13	14 25	19 57	3 24	22 36	1 30	12 19	0 29	13 26	0 57	21 4	0 2	22 40	0 31	5 43	0 44	11 58	1 44	31 46	7 55	13 48	14 2	1 38			n.a.
S 14	14 43	19 8	2 28	22 39	1 21	12 47	0 27	13 18	0 54	21 7	0 2	22 40	0 31	5 42	0 44	11 58	1 44	31 46	7 55	13 49	14 3	1 36			n.a.
M15	15 2	17 24	1 27	22 40	1 12	13 14	0 24	13 9	0 52	21 9	0 2	22 39	0 31	5 41	0 44	11 58	1 44	31 46	7 56	13 49	14 4	1 34			n.a.
T 16	15 20	14 53	0 23	22 40	1 2	13 41	0 22	13 0	0 50	21 12	0 2	22 39	0 31	5 40	0 44	11 57	1 44	31 47	7 56	13 49	14 5	1 32			n.a.
W17	15 38	11 47	0n40	22 39	0 52	14 7	0 20	12 50	0 48	21 15	0 2	22 39	0 31	5 39	0 44	11 57	1 44	31 47	7 56	13 49	14 6	1 30			n.a.
T 18	15 56	8 14	1 42	22 36	0 41	14 33	0 17	12 41	0 45	21 17	0 2	22 39	0 31	5 39	0 44	11 57	1 44	31 47	7 56	13 50	14 7	1 28			n.a.
F 19	16 13	4 23	2 38	22 31	0 29	14 59	0 15	12 31	0 43	21 20	0 2	22 38	0 31	5 38	0 44	11 56	1 44	31 47	7 57	13 51	14 8	1 26			n.a.
S 20	16 31	0 22	3 27	22 25	0 17	15 25	0 13	12 22	0 41	21 22	0 2	22 38	0 31	5 37	0 44	11 56	1 44	31 48	7 57	13 53	14 9	1 24			n.a.
S 21	16 48	3s41	4 8	22 18	0 5	15 50	0 10	12 12	0 39	21 25	0 2	22 38	0 31	5 36	0 44	11 56	1 44	31 48	7 57	13 56	14 10	1 22			n.a.
M22	17 4	7 38	4 38	22 9	0s 9	16 14	0 8	12 2	0 37	21 27	0 3	22 37	0 31	5 35	0 44	11 55	1 44	31 48	7 57	14 0	14 11	1 20			n.a.
T 23	17 21	11 19	4 56	21 59	0 22	16 39	0 6	11 52	0 35	21 30	0 3	22 37	0 30	5 34	0 44	11 55	1 44	31 48	7 57	14 4	14 12	1 18			n.a.
W24	17 37	14 35	5 0	21 48	0 37	17 3	0 3	11 41	0 33	21 32	0 3	22 37	0 30	5 34	0 44	11 55	1 44	31 49	7 58	14 8	14 13	1 15			n.a.
T 25	17 53	17 14	4 50	21 36	0 51	17 26	0 1	11 31	0 31	21 35	0 3	22 37	0 30	5 33	0 44	11 54	1 44	31 49	7 58	14 12	14 15	1 13			n.a.
F 26	18 9	19 6	4 26	21 23	1 6	17 49	0n 1	11 20	0 29	21 37	0 3	22 36	0 30	5 32	0 44	11 54	1 45	31 49	7 58	14 16	14 16	1 11			n.a.
S 27	18 24	20 2	3 47	21 9	1 21	18 12	0 4	11 10	0 27	21 40	0 3	22 36	0 30	5 31	0 44	11 54	1 45	31 49	7 58	14 19	14 17	1 9			n.a.
S 28	18 39	19 54	2 57	20 54	1 37	18 34	0 6	10 59	0 25	21 42	0 3	22 36	0 30	5 31	0 44	11 54	1 45	31 50	7 59	14 21	14 18	1 7			n.a.
M29	18 54	18 41	1 56	20 39	1 52	18 55	0 9	10 48	0 23	21 45	0 3	22 35	0 30	5 30	0 44	11 54	1 45	31 50	7 59	14 22	14 19	1 5			n.a.
T 30	19 8	16 24	0 47	20 22	2 8	19 16	0 11	10 36	0 21	21 47	0 3	22 35	0 30	5 29	0 44	11 53	1 45	31 50	7 59	14 22	14 20	1 3			n.a.
W31	19n22	13s 9	0s25	20n 5	2s23	19n37	0n13	10n25	0n19	21n50	0n 4	22s34	0n30	5s28	0s44	11s53	1s45	31s50	7s59	14n22	14n21	1n 1			n.a.

Julian Day Number = 1200331.5, Delta T = 09h23m11s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'39, Lahiri = -23°38'39 Julian Calendar 1 May 1427 BCE == Greg. Calendar 18 Apr. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

JUNE 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 45 51	26♉ 2'27	10♓58	10°R27	26♉27	4♍41	6♊42	15°R33	18♓ 6	3♓53	1°R33	22°R 9	22♌10	5♎36	n.a.	T 1
F 2	15 49 47	26°59'34	25°16	10♊ 7	27°40	5° 8	6°55	15♐29	18° 8	3°53	1♑32	22♌ 7	22° 7	5°43	n.a.	F 2
S 3	15 53 44	27°56'42	9♈49	9°42	28°54	5°35	7° 8	15°25	18° 9	3°54	1°31	22° 3	22° 4	5°50	n.a.	S 3
S 4	15 57 40	28°53'50	24°32	9°14	0♊ 8	6° 2	7°21	15°21	18°11	3°55	1°30	21°56	22° 1	5°56	n.a.	S 4
M 5	16 1 37	29°50'59	9♉19	8°42	1°22	6°30	7°35	15°17	18°12	3°55	1°29	21°47	21°58	6° 3	n.a.	M 5
T 6	16 5 34	0♊48'08	24° 2	8° 7	2°36	6°58	7°48	15°13	18°14	3°56	1°28	21°36	21°54	6°10	n.a.	T 6
W 7	16 9 30	1°45'18	8♊32	7°29	3°50	7°26	8° 1	15° 8	18°15	3°56	1°26	21°25	21°51	6°16	n.a.	W 7
T 8	16 13 27	2°42'29	22°44	6°50	5° 4	7°55	8°14	15° 4	18°17	3°56	1°25	21°15	21°48	6°23	n.a.	T 8
F 9	16 17 23	3°39'41	6♋32	6°10	6°18	8°24	8°28	15° 0	18°18	3°57	1°24	21° 6	21°45	6°30	n.a.	F 9
S 10	16 21 20	4°36'53	19°54	5°29	7°31	8°53	8°41	14°55	18°20	3°57	1°23	21° 1	21°42	6°36	n.a.	S 10
S 11	16 25 16	5°34'05	2♌50	4°48	8°45	9°23	8°54	14°51	18°21	3°57	1°22	20°57	21°38	6°43	n.a.	S 11
M12	16 29 13	6°31'18	15°24	4° 8	9°59	9°53	9° 8	14°47	18°22	3°58	1°21	20°56	21°35	6°50	n.a.	M12
T 13	16 33 10	7°28'31	27°39	3°30	11°13	10°23	9°21	14°42	18°23	3°58	1°19	20°D56	21°32	6°57	n.a.	T 13
W14	16 37 6	8°25'45	9♍40	2°54	12°27	10°53	9°34	14°38	18°25	3°58	1°18	20°R56	21°29	7° 3	n.a.	W14
T 15	16 41 3	9°23'00	21°33	2°20	13°41	11°24	9°48	14°33	18°26	3°58	1°17	20°56	21°26	7°10	n.a.	T 15
F 16	16 44 59	10°20'15	3♎23	1°51	14°55	11°55	10° 1	14°29	18°27	3°59	1°16	20°53	21°23	7°17	n.a.	F 16
S 17	16 48 56	11°17'31	15°15	1°26	16° 9	12°26	10°14	14°24	18°28	3°59	1°15	20°48	21°19	7°23	n.a.	S 17
S 18	16 52 52	12°14'47	27°13	1° 5	17°23	12°58	10°28	14°20	18°29	3°59	1°13	20°41	21°16	7°30	n.a.	S 18
M19	16 56 49	13°12'04	9♏20	0°50	18°37	13°30	10°41	14°15	18°30	3°59	1°12	20°32	21°13	7°37	n.a.	M19
T 20	17 0 45	14° 9'23	21°39	0°40	19°51	14° 2	10°54	14°11	18°31	3°R59	1°11	20°21	21°10	7°43	n.a.	T 20
W21	17 4 42	15° 6'42	4♐12	0°D36	21° 5	14°34	11° 8	14° 7	18°31	3°59	1° 9	20°10	21° 7	7°50	n.a.	W21
T 22	17 8 39	16° 4'02	16°58	0°38	22°19	15° 7	11°21	14° 2	18°32	3°59	1° 8	19°59	21° 4	7°57	n.a.	T 22
F 23	17 12 35	17° 1'23	29°57	0°46	23°33	15°40	11°34	13°58	18°33	3°59	1° 7	19°49	21° 0	8° 3	n.a.	F 23
S 24	17 16 32	17°58'46	13♑ 9	1° 0	24°47	16°13	11°48	13°53	18°34	3°59	1° 6	19°42	20°57	8°10	n.a.	S 24
S 25	17 20 28	18°56'10	26°32	1°22	26° 1	16°46	12° 1	13°49	18°34	3°59	1° 4	19°37	20°54	8°17	n.a.	S 25
M26	17 24 25	19°53'35	10♒ 6	1°49	27°15	17°20	12°14	13°44	18°35	3°58	1° 3	19°35	20°51	8°23	n.a.	M26
T 27	17 28 21	20°51'01	23°49	2°23	28°30	17°54	12°28	13°40	18°35	3°58	1° 2	19°D35	20°48	8°30	n.a.	T 27
W28	17 32 18	21°48'29	7♓42	3° 4	29°44	18°28	12°41	13°35	18°36	3°58	1° 0	19°36	20°44	8°37	n.a.	W28
T 29	17 36 14	22°45'59	21°44	3°51	0♋58	19° 2	12°54	13°31	18°36	3°58	0°59	19°R36	20°41	8°44	n.a.	T 29
F 30	17 40 11	23♊43'30	5♈54	4♊44	2♋12	19♍36	13♊ 7	13♐27	18♓37	3♓57	0♑58	19♌36	20♌38	8♎50	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n36	9s 5	1s38	19n48	2s38	19n57	0n16	10n13	0n17	21n52	0n 4	22s34	0n30	5s28	0s44	11s53	1s45	31s50	7s59	14n22	14n22	0n59		n.a.
F 2	19 50	4 26	2 46	19 31	2 53	20 17	0 18	10 2	0 15	21 54	0 4	22 34	0 30	5 27	0 44	11 53	1 45	31 51	8 0	14 23	14 23	0 57		n.a.
S 3	20 3	0n32	3 44	19 13	3 7	20 36	0 20	9 50	0 13	21 57	0 4	22 33	0 30	5 26	0 44	11 53	1 45	31 51	8 0	14 24	14 24	0 54		n.a.
S 4	20 16	5 32	4 28	18 55	3 21	20 54	0 22	9 38	0 12	21 59	0 4	22 33	0 30	5 26	0 44	11 52	1 45	31 51	8 0	14 27	14 25	0 52		n.a.
M 5	20 28	10 13	4 54	18 38	3 34	21 12	0 25	9 26	0 10	22 1	0 4	22 33	0 30	5 25	0 44	11 52	1 45	31 51	8 0	14 30	14 26	0 50		n.a.
T 6	20 41	14 15	5 1	18 20	3 45	21 29	0 27	9 14	0 8	22 4	0 4	22 32	0 29	5 25	0 44	11 52	1 45	31 51	8 0	14 33	14 27	0 48		n.a.
W 7	20 53	17 23	4 48	18 4	3 56	21 46	0 29	9 2	0 6	22 6	0 4	22 32	0 29	5 24	0 44	11 52	1 45	31 52	8 0	14 37	14 28	0 46		n.a.
T 8	21 4	19 23	4 17	17 48	4 6	22 2	0 31	8 49	0 5	22 8	0 4	22 31	0 29	5 24	0 45	11 52	1 45	31 52	8 1	14 40	14 29	0 44		n.a.
F 9	21 15	20 10	3 32	17 33	4 14	22 17	0 34	8 37	0 3	22 11	0 4	22 31	0 29	5 23	0 45	11 52	1 45	31 52	8 1	14 43	14 30	0 42		n.a.
S 10	21 26	19 46	2 37	17 19	4 21	22 32	0 36	8 24	0 1	22 13	0 5	22 31	0 29	5 23	0 45	11 52	1 45	31 52	8 1	14 45	14 31	0 40		n.a.
S 11	21 37	18 20	1 35	17 7	4 26	22 46	0 38	8 11	0s 0	22 15	0 5	22 30	0 29	5 22	0 45	11 52	1 46	31 52	8 1	14 46	14 32	0 38		n.a.
M12	21 47	16 2	0 29	16 56	4 29	23 0	0 40	7 58	0 2	22 17	0 5	22 30	0 29	5 22	0 45	11 52	1 46	31 53	8 1	14 46	14 33	0 36		n.a.
T 13	21 56	13 3	0n36	16 47	4 31	23 13	0 42	7 45	0 4	22 19	0 5	22 29	0 29	5 21	0 45	11 52	1 46	31 53	8 1	14 46	14 34	0 33		n.a.
W14	22 6	9 35	1 38	16 40	4 31	23 25	0 44	7 32	0 5	22 22	0 5	22 29	0 29	5 21	0 45	11 52	1 46	31 53	8 2	14 46	14 35	0 31		n.a.
T 15	22 15	5 46	2 35	16 35	4 30	23 37	0 46	7 18	0 7	22 24	0 5	22 28	0 29	5 20	0 45	11 52	1 46	31 53	8 2	14 46	14 36	0 29		n.a.
F 16	22 23	1 46	3 26	16 32	4 27	23 47	0 48	7 5	0 8	22 26	0 5	22 28	0 29	5 20	0 45	11 52	1 46	31 53	8 2	14 47	14 38	0 27		n.a.
S 17	22 32	2s19	4 7	16 31	4 23	23 57	0 50	6 51	0 10	22 28	0 5	22 28	0 29	5 20	0 45	11 52	1 46	31 53	8 2	14 49	14 39	0 25		n.a.
S 18	22 40	6 21	4 38	16 33	4 17	24 7	0 52	6 38	0 11	22 30	0 5	22 27	0 28	5 19	0 45	11 52	1 46	31 53	8 2	14 51	14 40	0 23		n.a.
M19	22 47	10 10	4 57	16 37	4 9	24 16	0 54	6 24	0 13	22 32	0 6	22 27	0 28	5 19	0 45	11 52	1 46	31 54	8 2	14 54	14 41	0 21		n.a.
T 20	22 54	13 38	5 3	16 44	4 1	24 24	0 56	6 10	0 14	22 34	0 6	22 26	0 28	5 19	0 45	11 52	1 46	31 54	8 2	14 57	14 42	0 19		n.a.
W21	23 1	16 33	4 54	16 52	3 51	24 31	0 58	5 56	0 16	22 36	0 6	22 26	0 28	5 18	0 45	11 52	1 46	31 54	8 3	15 1	14 43	0 17		n.a.
T 22	23 7	18 43	4 30	17 3	3 40	24 37	0 59	5 42	0 17	22 38	0 6	22 25	0 28	5 18	0 45	11 52	1 46	31 54	8 3	15 5	14 44	0 14		n.a.
F 23	23 13	19 59	3 53	17 17	3 28	24 43	1 1	5 28	0 19	22 40	0 6	22 25	0 28	5 18	0 45	11 52	1 46	31 54	8 3	15 8	14 45	0 12		n.a.
S 24	23 18	20 11	3 2	17 32	3 16	24 48	1 3	5 13	0 20	22 42	0 6	22 24	0 28	5 17	0 45	11 52	1 46	31 54	8 3	15 10	14 46	0 10		n.a.
S 25	23 23	19 15	2 0	17 49	3 3	24 52	1 4	4 59	0 22	22 44	0 6	22 24	0 28	5 17	0 45	11 52	1 46	31 54	8 3	15 11	14 47	0 8		n.a.
M26	23 28	17 13	0 51	18 8	2 49	24 56	1 6	4 44	0 23	22 46	0 6	22 24	0 28	5 17	0 45	11 52	1 47	31 55	8 3	15 12	14 48	0 6		n.a.
T 27	23 32	14 10	0s23	18 29	2 34	24 59	1 8	4 30	0 24	22 48	0 6	22 23	0 28	5 17	0 45	11 53	1 47	31 55	8 3	15 12	14 49	0 4		n.a.
W28	23 36	10 18	1 36	18 51	2 20	25 1	1 9	4 15	0 26	22 49	0 7	22 23	0 27	5 17	0 45	11 53	1 47	31 55	8 3	15 12	14 50	0 2		n.a.
T 29	23 40	5 50	2 43	19 15	2 5	25 2	1 11	4 0	0 27	22 51	0 7	22 22	0 27	5 17	0 45	11 53	1 47	31 55	8 4	15 12	14 51	0s 0		n.a.
F 30	23n42	1s 0	3s42	19n39	1s50	25n 2	1n12	3n45	0s28	22n53	0n 7	22s22	0n27	5s16	0s45	11s53	1s47	31s55	8s 4	15n12	14n52	0s 3		n.a.

Julian Day Number = 1200362.5, Delta T = 09h23m09s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'35, Lahiri = -23°38'34 Julian Calendar 1 June 1427 BCE == Greg. Calendar 19 May 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

JULY 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 44 8	24♊41'03	20♈11	5♊44	3♋26	20♍11	13♊20	13°R22	18♓37	3°R57	0°R56	19°R33	20♌35	8♎57	n.a.	S 1
S 2	17 48 4	25°38'37	4♉33	6°49	4°40	20°46	13°34	13♐18	18°37	3♓57	0♑55	19♌28	20°32	9° 4	n.a.	S 2
M 3	17 52 1	26°36'13	18°55	8° 1	5°54	21°21	13°47	13°14	18°38	3°56	0°54	19°22	20°29	9°10	n.a.	M 3
T 4	17 55 57	27°33'51	3♊12	9°18	7° 9	21°56	14° 0	13° 9	18°38	3°56	0°52	19°14	20°25	9°17	n.a.	T 4
W 5	17 59 54	28°31'31	17°19	10°40	8°23	22°32	14°13	13° 5	18°38	3°55	0°51	19° 6	20°22	9°24	n.a.	W 5
T 6	18 3 50	29°29'12	1♋11	12° 7	9°37	23° 7	14°26	13° 1	18°38	3°55	0°50	18°58	20°19	9°30	n.a.	T 6
F 7	18 7 47	0♋26'54	14°45	13°40	10°51	23°43	14°39	12°57	18°38	3°54	0°48	18°52	20°16	9°37	n.a.	F 7
S 8	18 11 44	1°24'38	27°57	15°16	12° 5	24°20	14°52	12°53	18°R38	3°54	0°47	18°48	20°13	9°44	n.a.	S 8
S 9	18 15 40	2°22'23	10♌48	16°57	13°20	24°56	15° 5	12°49	18°38	3°53	0°45	18°46	20°10	9°50	n.a.	S 9
M10	18 19 37	3°20'10	23°20	18°41	14°34	25°32	15°18	12°45	18°38	3°53	0°44	18°D46	20° 6	9°57	n.a.	M10
T 11	18 23 33	4°17'58	5♍34	20°28	15°48	26° 9	15°31	12°41	18°38	3°52	0°43	18°47	20° 3	10° 4	n.a.	T 11
W12	18 27 30	5°15'47	17°36	22°19	17° 2	26°46	15°44	12°37	18°38	3°51	0°41	18°48	20° 0	10°11	n.a.	W12
T 13	18 31 26	6°13'38	29°30	24°11	18°17	27°23	15°57	12°33	18°37	3°51	0°40	18°49	19°57	10°17	n.a.	T 13
F 14	18 35 23	7°11'30	11♎21	26° 6	19°31	28° 0	16°10	12°29	18°37	3°50	0°39	18°R49	19°54	10°24	n.a.	F 14
S 15	18 39 19	8° 9'24	23°15	28° 2	20°45	28°38	16°23	12°25	18°37	3°49	0°37	18°48	19°50	10°31	n.a.	S 15
S 16	18 43 16	9° 7'19	5♏15	29°59	21°59	29°15	16°36	12°21	18°36	3°48	0°36	18°45	19°47	10°37	n.a.	S 16
M17	18 47 12	10° 5'15	17°26	1♋58	23°14	29°53	16°48	12°18	18°36	3°48	0°35	18°40	19°44	10°44	n.a.	M17
T 18	18 51 9	11° 3'13	29°51	3°57	24°28	0♎31	17° 1	12°14	18°35	3°47	0°33	18°35	19°41	10°51	n.a.	T 18
W19	18 55 6	12° 1'13	12♐34	5°55	25°42	1° 9	17°14	12°10	18°35	3°46	0°32	18°29	19°38	10°57	n.a.	W19
T 20	18 59 2	12°59'15	25°34	7°54	26°57	1°47	17°27	12° 7	18°34	3°45	0°31	18°23	19°35	11° 4	n.a.	T 20
F 21	19 2 59	13°57'18	8♑52	9°53	28°11	2°26	17°39	12° 3	18°34	3°44	0°29	18°17	19°31	11°11	n.a.	F 21
S 22	19 6 55	14°55'23	22°26	11°51	29°25	3° 4	17°52	12° 0	18°33	3°43	0°28	18°14	19°28	11°17	n.a.	S 22
S 23	19 10 52	15°53'30	6♒14	13°49	0♌40	3°43	18° 4	11°57	18°32	3°42	0°27	18°12	19°25	11°24	n.a.	S 23
M24	19 14 48	16°51'38	20°13	15°46	1°54	4°22	18°17	11°53	18°31	3°41	0°26	18°D11	19°22	11°31	n.a.	M24
T 25	19 18 45	17°49'49	4♓19	17°42	3° 8	5° 1	18°29	11°50	18°31	3°40	0°24	18°12	19°19	11°38	n.a.	T 25
W26	19 22 41	18°48'02	18°30	19°37	4°22	5°40	18°41	11°47	18°30	3°39	0°23	18°13	19°15	11°44	n.a.	W26
T 27	19 26 38	19°46'17	2♈43	21°32	5°37	6°19	18°54	11°44	18°29	3°38	0°22	18°15	19°12	11°51	n.a.	T 27
F 28	19 30 35	20°44'35	16°56	23°25	6°51	6°59	19° 6	11°41	18°28	3°37	0°21	18°R15	19° 9	11°58	n.a.	F 28
S 29	19 34 31	21°42'54	1♉ 7	25°17	8° 5	7°38	19°18	11°38	18°27	3°36	0°19	18°15	19° 6	12° 4	n.a.	S 29
S 30	19 38 28	22°41'16	15°13	27° 8	9°20	8°18	19°30	11°35	18°26	3°34	0°18	18°14	19° 3	12°11	n.a.	S 30
M31	19 42 24	23♋39'41	29♉13	28♋58	10♌34	8♎58	19♊43	11♐33	18♓25	3♓33	0♑17	18♌11	19♌ 0	12♎18	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n45	3n54	4s27	20n 5	1s35	25n 2	1n13	3n30	0s30	22n55	0n 7	22s21	0n27	5s16	0s45	11s53	1s47	31s55	8s 4	15n13	14n53	0s 5		n.a.
S 2	23 47	8 37	4 56	20 31	1 20	25 1	1 15	3 15	0 31	22 57	0 7	22 21	0 27	5 16	0 45	11 53	1 47	31 55	8 4	15 14	14 54	0 7		n.a.
M 3	23 49	12 51	5 6	20 57	1 5	24 59	1 16	3 0	0 32	22 58	0 7	22 20	0 27	5 16	0 45	11 54	1 47	31 55	8 4	15 16	14 55	0 9		n.a.
T 4	23 50	16 18	4 57	21 24	0 51	24 57	1 17	2 45	0 33	23 0	0 7	22 20	0 27	5 16	0 45	11 54	1 47	31 55	8 4	15 19	14 56	0 11		n.a.
W 5	23 51	18 46	4 30	21 51	0 36	24 53	1 18	2 29	0 35	23 2	0 7	22 20	0 27	5 16	0 45	11 54	1 47	31 56	8 4	15 22	14 57	0 13		n.a.
T 6	23 52	20 4	3 48	22 16	0 22	24 49	1 19	2 14	0 36	23 3	0 7	22 19	0 27	5 16	0 45	11 54	1 47	31 56	8 4	15 24	14 58	0 15		n.a.
F 7	23 52	20 10	2 53	22 42	0 9	24 44	1 20	1 58	0 37	23 5	0 8	22 19	0 27	5 16	0 46	11 55	1 47	31 56	8 4	15 26	14 59	0 18		n.a.
S 8	23 51	19 8	1 50	23 6	0n 4	24 39	1 21	1 43	0 38	23 7	0 8	22 18	0 26	5 16	0 46	11 55	1 47	31 56	8 4	15 27	15 0	0 20		n.a.
S 9	23 50	17 9	0 43	23 29	0 16	24 32	1 22	1 27	0 39	23 8	0 8	22 18	0 26	5 16	0 46	11 55	1 47	31 56	8 4	15 28	15 1	0 22		n.a.
M10	23 49	14 22	0n25	23 50	0 28	24 25	1 23	1 11	0 41	23 10	0 8	22 17	0 26	5 16	0 46	11 55	1 47	31 56	8 4	15 28	15 2	0 24		n.a.
T 11	23 47	11 1	1 30	24 9	0 39	24 17	1 24	0 55	0 42	23 11	0 8	22 17	0 26	5 16	0 46	11 56	1 48	31 56	8 4	15 28	15 3	0 26		n.a.
W12	23 45	7 16	2 30	24 27	0 49	24 9	1 24	0 39	0 43	23 13	0 8	22 17	0 26	5 16	0 46	11 56	1 48	31 56	8 4	15 27	15 4	0 28		n.a.
T 13	23 43	3 18	3 23	24 42	0 58	23 59	1 25	0 23	0 44	23 14	0 8	22 16	0 26	5 17	0 46	11 56	1 48	31 56	8 5	15 27	15 5	0 30		n.a.
F 14	23 40	0s48	4 7	24 55	1 7	23 49	1 25	0 7	0 45	23 16	0 8	22 16	0 26	5 17	0 46	11 57	1 48	31 56	8 5	15 27	15 6	0 32		n.a.
S 15	23 36	4 51	4 40	25 5	1 15	23 39	1 26	0s 9	0 46	23 17	0 8	22 15	0 26	5 17	0 46	11 57	1 48	31 56	8 5	15 27	15 7	0 35		n.a.
S 16	23 32	8 46	5 2	25 13	1 21	23 27	1 26	0 25	0 47	23 19	0 9	22 15	0 26	5 17	0 46	11 57	1 48	31 56	8 5	15 28	15 8	0 37		n.a.
M17	23 28	12 22	5 10	25 18	1 27	23 15	1 27	0 41	0 48	23 20	0 9	22 15	0 25	5 17	0 46	11 58	1 48	31 56	8 5	15 30	15 9	0 39		n.a.
T 18	23 23	15 31	5 5	25 21	1 33	23 2	1 27	0 57	0 49	23 22	0 9	22 14	0 25	5 17	0 46	11 58	1 48	31 56	8 5	15 31	15 10	0 41		n.a.
W19	23 18	18 1	4 44	25 20	1 37	22 48	1 27	1 14	0 50	23 23	0 9	22 14	0 25	5 18	0 46	11 58	1 48	31 56	8 5	15 33	15 11	0 43		n.a.
T 20	23 13	19 39	4 8	25 18	1 41	22 34	1 28	1 30	0 51	23 24	0 9	22 14	0 25	5 18	0 46	11 59	1 48	31 56	8 5	15 35	15 12	0 45		n.a.
F 21	23 7	20 16	3 18	25 12	1 44	22 19	1 28	1 47	0 52	23 26	0 9	22 13	0 25	5 18	0 46	11 59	1 48	31 56	8 5	15 37	15 13	0 47		n.a.
S 22	23 0	19 43	2 16	25 4	1 46	22 4	1 28	2 3	0 53	23 27	0 9	22 13	0 25	5 19	0 46	12 0	1 48	31 56	8 5	15 38	15 14	0 50		n.a.
S 23	22 54	18 0	1 5	24 54	1 47	21 47	1 28	2 20	0 54	23 28	0 9	22 13	0 25	5 19	0 46	12 0	1 48	31 56	8 5	15 39	15 15	0 52		n.a.
M24	22 47	15 11	0s11	24 42	1 48	21 30	1 28	2 36	0 55	23 29	0 9	22 12	0 25	5 19	0 46	12 0	1 48	31 56	8 5	15 39	15 16	0 54		n.a.
T 25	22 39	11 27	1 27	24 27	1 48	21 13	1 27	2 53	0 56	23 31	0 10	22 12	0 25	5 20	0 46	12 1	1 48	31 56	8 5	15 39	15 17	0 56		n.a.
W26	22 31	7 3	2 39	24 10	1 48	20 55	1 27	3 9	0 57	23 32	0 10	22 12	0 24	5 20	0 46	12 1	1 48	31 56	8 5	15 38	15 18	0 58		n.a.
T 27	22 22	2 15	3 40	23 51	1 47	20 36	1 27	3 26	0 58	23 33	0 10	22 11	0 24	5 20	0 46	12 2	1 48	31 56	8 5	15 38	15 19	1 0		n.a.
F 28	22 14	2n39	4 28	23 31	1 45	20 17	1 27	3 43	0 59	23 34	0 10	22 11	0 24	5 21	0 46	12 2	1 48	31 56	8 5	15 37	15 20	1 3		n.a.
S 29	22 4	7 23	5 0	23 8	1 43	19 57	1 26	3 59	1 0	23 35	0 10	22 11	0 24	5 21	0 46	12 3	1 48	31 56	8 5	15 38	15 22	1 5		n.a.
S 30	21 55	11 41	5 14	22 44	1 40	19 37	1 26	4 16	1 0	23 36	0 10	22 10	0 24	5 22	0 46	12 3	1 49	31 56	8 5	15 38	15 23	1 7		n.a.
M31	21n45	15n19	5s 8	22n19	1n37	19n16	1n25	4s33	1s 1	23n38	0n10	22s10	0n24	5s22	0s46	12s 4	1s49	31s56	8s 5	15n39	15n24	1s 9		n.a.

Julian Day Number = 1200392.5, Delta T = 09h23m07s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'31, Lahiri = -23°38'30 Julian Calendar 1 July 1427 BCE == Greg. Calendar 18 June 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

AUGUST 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 46 21	24♋38'07	13♊ 4	0♌47	11♌48	9♎38	19♊55	11°R30	18°R24	3°R32	0°R16	18°R 8	18♌56	12♎24	n.a.	T 1
W 2	19 50 17	25°36'36	26°43	2°34	13° 3	10°18	20° 7	11♐27	18♓22	3♓31	0♑14	18♌ 5	18°53	12°31	n.a.	W 2
T 3	19 54 14	26°35'07	10♋10	4°21	14°17	10°58	20°19	11°25	18°21	3°30	0°13	18° 2	18°50	12°38	n.a.	T 3
F 4	19 58 10	27°33'40	23°21	6° 6	15°31	11°39	20°30	11°22	18°20	3°28	0°12	17°59	18°47	12°45	n.a.	F 4
S 5	20 2 7	28°32'16	6♌16	7°51	16°46	12°19	20°42	11°20	18°19	3°27	0°11	17°58	18°44	12°51	n.a.	S 5
S 6	20 6 4	29°30'53	18°55	9°34	18° 0	13° 0	20°54	11°18	18°17	3°26	0°10	17°D57	18°41	12°58	n.a.	S 6
M 7	20 10 0	0♌29'32	1♍20	11°16	19°14	13°41	21° 6	11°16	18°16	3°24	0° 9	17°58	18°37	13° 5	n.a.	M 7
T 8	20 13 57	1°28'13	13°31	12°57	20°29	14°22	21°17	11°14	18°14	3°23	0° 8	17°59	18°34	13°11	n.a.	T 8
W 9	20 17 53	2°26'56	25°31	14°37	21°43	15° 3	21°29	11°12	18°13	3°22	0° 6	18° 0	18°31	13°18	n.a.	W 9
T 10	20 21 50	3°25'41	7♎25	16°16	22°57	15°44	21°40	11°10	18°11	3°20	0° 5	18° 2	18°28	13°25	n.a.	T 10
F 11	20 25 46	4°24'28	19°15	17°54	24°12	16°25	21°52	11° 8	18°10	3°19	0° 4	18° 3	18°25	13°31	n.a.	F 11
S 12	20 29 43	5°23'17	1♏ 8	19°31	25°26	17° 7	22° 3	11° 6	18° 8	3°17	0° 3	18°R 3	18°21	13°38	n.a.	S 12
S 13	20 33 39	6°22'08	13° 8	21° 7	26°40	17°48	22°14	11° 5	18° 7	3°16	0° 2	18° 3	18°18	13°45	n.a.	S 13
M14	20 37 36	7°21'00	25°18	22°43	27°55	18°30	22°26	11° 3	18° 5	3°14	0° 1	18° 3	18°15	13°52	n.a.	M14
T 15	20 41 32	8°19'55	7♐44	24°17	29° 9	19°12	22°37	11° 2	18° 3	3°13	0° 0	18° 2	18°12	13°58	n.a.	T 15
W16	20 45 29	9°18'52	20°29	25°50	0♍23	19°54	22°48	11° 0	18° 2	3°12	29♐59	18° 1	18° 9	14° 5	n.a.	W16
T 17	20 49 26	10°17'50	3♑36	27°22	1°38	20°36	22°59	10°59	18° 0	3°10	29°58	17°59	18° 6	14°12	n.a.	T 17
F 18	20 53 22	11°16'51	17° 6	28°53	2°52	21°18	23° 9	10°58	17°58	3° 8	29°57	17°59	18° 2	14°18	n.a.	F 18
S 19	20 57 19	12°15'53	0♒57	0♍24	4° 6	22° 0	23°20	10°57	17°56	3° 7	29°56	17°58	17°59	14°25	n.a.	S 19
S 20	21 1 15	13°14'58	15° 7	1°53	5°20	22°42	23°31	10°56	17°54	3° 5	29°55	17°D58	17°56	14°32	n.a.	S 20
M21	21 5 12	14°14'05	29°32	3°21	6°35	23°25	23°41	10°55	17°52	3° 4	29°54	17°58	17°53	14°38	n.a.	M21
T 22	21 9 8	15°13'14	14♓ 7	4°49	7°49	24° 7	23°52	10°54	17°50	3° 2	29°54	17°58	17°50	14°45	n.a.	T 22
W23	21 13 5	16°12'25	28°45	6°15	9° 3	24°50	24° 2	10°54	17°48	3° 1	29°53	17°58	17°47	14°52	n.a.	W23
T 24	21 17 1	17°11'39	13♈20	7°41	10°17	25°32	24°13	10°53	17°46	2°59	29°52	17°58	17°43	14°59	n.a.	T 24
F 25	21 20 58	18°10'55	27°47	9° 5	11°31	26°15	24°23	10°53	17°44	2°57	29°51	17°R59	17°40	15° 5	n.a.	F 25
S 26	21 24 54	19°10'14	12♉ 3	10°29	12°46	26°58	24°33	10°53	17°42	2°56	29°50	17°D58	17°37	15°12	n.a.	S 26
S 27	21 28 51	20° 9'35	26° 5	11°51	14° 0	27°41	24°43	10°52	17°40	2°54	29°50	17°58	17°34	15°19	n.a.	S 27
M28	21 32 48	21° 8'59	9♊51	13°13	15°14	28°24	24°53	10°52	17°38	2°53	29°49	17°59	17°31	15°25	n.a.	M28
T 29	21 36 44	22° 8'25	23°22	14°33	16°28	29° 7	25° 3	10°D52	17°36	2°51	29°48	17°59	17°27	15°32	n.a.	T 29
W30	21 40 41	23° 7'54	6♋38	15°52	17°42	29°50	25°13	10°52	17°34	2°49	29°47	17°59	17°24	15°39	n.a.	W30
T 31	21 44 37	24♌ 7'26	19♋40	17♍10	18♍57	0♏34	25♊22	10♐52	17♓32	2♓48	29♐47	18♌ 0	17♌21	15♎45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n34	18n 3	4s45	21n52	1n34	18n54	1n25	4s50	1s 2	23n39	0n10	22s10	0n24	5s23	0s46	12s 4	1s49	31s56	8s 5	15n40	15n25	1s11			n.a.
W 2	21 24	19 43	4 6	21 24	1 30	18 32	1 24	5 7	1 3	23 40	0 11	22 10	0 24	5 23	0 46	12 5	1 49	31 56	8 5	15 41	15 26	1 13			n.a.
T 3	21 12	20 15	3 13	20 54	1 26	18 9	1 23	5 23	1 4	23 41	0 11	22 9	0 23	5 24	0 46	12 5	1 49	31 56	8 5	15 42	15 27	1 15			n.a.
F 4	21 1	19 38	2 12	20 24	1 22	17 46	1 22	5 40	1 5	23 42	0 11	22 9	0 23	5 24	0 46	12 6	1 49	31 56	8 5	15 43	15 28	1 18			n.a.
S 5	20 49	18 0	1 4	19 52	1 17	17 23	1 21	5 57	1 5	23 43	0 11	22 9	0 23	5 25	0 46	12 6	1 49	31 56	8 5	15 43	15 29	1 20			n.a.
S 6	20 37	15 30	0n 5	19 19	1 12	16 59	1 20	6 14	1 6	23 44	0 11	22 9	0 23	5 25	0 46	12 7	1 49	31 56	8 5	15 43	15 30	1 22			n.a.
M 7	20 24	12 20	1 13	18 46	1 7	16 34	1 19	6 31	1 7	23 45	0 11	22 9	0 23	5 26	0 47	12 7	1 49	31 56	8 4	15 43	15 31	1 24			n.a.
T 8	20 11	8 41	2 17	18 12	1 1	16 9	1 18	6 48	1 8	23 45	0 11	22 9	0 23	5 26	0 47	12 8	1 49	31 56	8 4	15 43	15 32	1 26			n.a.
W 9	19 58	4 45	3 13	17 37	0 55	15 44	1 17	7 5	1 8	23 46	0 11	22 8	0 23	5 27	0 47	12 8	1 49	31 56	8 4	15 42	15 33	1 28			n.a.
T 10	19 44	0 41	4 1	17 1	0 49	15 18	1 16	7 21	1 9	23 47	0 12	22 8	0 23	5 28	0 47	12 9	1 49	31 56	8 4	15 42	15 34	1 31			n.a.
F 11	19 30	3s23	4 38	16 25	0 43	14 52	1 15	7 38	1 10	23 48	0 12	22 8	0 23	5 28	0 47	12 9	1 49	31 56	8 4	15 41	15 35	1 33			n.a.
S 12	19 15	7 21	5 3	15 48	0 37	14 25	1 13	7 55	1 11	23 49	0 12	22 8	0 22	5 29	0 47	12 10	1 49	31 56	8 4	15 41	15 36	1 35			n.a.
S 13	19 1	11 2	5 16	15 11	0 30	13 58	1 12	8 12	1 11	23 50	0 12	22 8	0 22	5 30	0 47	12 11	1 49	31 56	8 4	15 41	15 37	1 37			n.a.
M14	18 45	14 20	5 14	14 33	0 23	13 30	1 10	8 29	1 12	23 51	0 12	22 8	0 22	5 30	0 47	12 11	1 49	31 56	8 4	15 41	15 38	1 39			n.a.
T 15	18 30	17 5	4 58	13 55	0 16	13 3	1 9	8 45	1 13	23 51	0 12	22 8	0 22	5 31	0 47	12 12	1 49	31 56	8 4	15 42	15 39	1 41			n.a.
W16	18 14	19 4	4 28	13 17	0 9	12 35	1 7	9 2	1 13	23 52	0 12	22 8	0 22	5 32	0 47	12 12	1 49	31 56	8 4	15 42	15 40	1 44			n.a.
T 17	17 58	20 7	3 42	12 38	0 2	12 6	1 6	9 19	1 14	23 53	0 13	22 8	0 22	5 32	0 47	12 13	1 49	31 56	8 4	15 42	15 41	1 46			n.a.
F 18	17 42	20 3	2 43	11 59	0s 5	11 37	1 4	9 36	1 14	23 54	0 13	22 8	0 22	5 33	0 47	12 13	1 49	31 55	8 4	15 43	15 42	1 48			n.a.
S 19	17 25	18 47	1 33	11 20	0 12	11 8	1 2	9 52	1 15	23 54	0 13	22 7	0 22	5 34	0 47	12 14	1 49	31 55	8 4	15 43	15 42	1 50			n.a.
S 20	17 8	16 20	0 16	10 41	0 20	10 39	1 0	10 9	1 16	23 55	0 13	22 7	0 21	5 35	0 47	12 15	1 49	31 55	8 4	15 43	15 43	1 52			n.a.
M21	16 51	12 50	1s 4	10 2	0 27	10 9	0 58	10 25	1 16	23 56	0 13	22 7	0 21	5 36	0 47	12 15	1 49	31 55	8 4	15 43	15 44	1 54			n.a.
T 22	16 33	8 30	2 20	9 23	0 34	9 40	0 57	10 42	1 17	23 56	0 13	22 7	0 21	5 36	0 47	12 16	1 49	31 55	8 3	15 43	15 45	1 57			n.a.
W23	16 15	3 40	3 28	8 44	0 42	9 9	0 55	10 58	1 17	23 57	0 13	22 8	0 21	5 37	0 47	12 16	1 49	31 55	8 3	15 43	15 46	1 59			n.a.
T 24	15 57	1n21	4 21	8 4	0 49	8 39	0 53	11 15	1 18	23 57	0 14	22 8	0 21	5 38	0 47	12 17	1 49	31 55	8 3	15 43	15 47	2 1			n.a.
F 25	15 39	6 14	4 58	7 25	0 57	8 8	0 50	11 31	1 18	23 58	0 14	22 8	0 21	5 39	0 47	12 18	1 49	31 55	8 3	15 43	15 48	2 3			n.a.
S 26	15 20	10 43	5 16	6 47	1 4	7 38	0 48	11 48	1 19	23 59	0 14	22 8	0 21	5 40	0 47	12 18	1 50	31 55	8 3	15 43	15 49	2 5			n.a.
S 27	15 1	14 31	5 14	6 8	1 12	7 7	0 46	12 4	1 19	23 59	0 14	22 8	0 21	5 40	0 47	12 19	1 50	31 55	8 3	15 43	15 50	2 7			n.a.
M28	14 42	17 28	4 55	5 29	1 19	6 35	0 44	12 20	1 20	24 0	0 14	22 8	0 20	5 41	0 47	12 20	1 50	31 54	8 3	15 43	15 51	2 10			n.a.
T 29	14 22	19 23	4 19	4 51	1 27	6 4	0 42	12 36	1 20	24 0	0 14	22 8	0 20	5 42	0 47	12 20	1 50	31 54	8 3	15 43	15 52	2 12			n.a.
W30	14 3	20 12	3 30	4 14	1 34	5 32	0 39	12 52	1 21	24 1	0 14	22 8	0 20	5 43	0 47	12 21	1 50	31 54	8 3	15 42	15 53	2 14			n.a.
T 31	13n43	19n54	2s31	3n36	1s41	5n 1	0n37	13s 8	1s21	24n 1	0n15	22s 8	0n20	5s44	0s47	12s21	1s50	31s54	8s 2	15n42	15n54	2s16			n.a.

Julian Day Number = 1200423.5, Delta T = 09h23m05s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'27, Lahiri = -23°38'26 Julian Calendar 1 Aug. 1427 BCE == Greg. Calendar 19 July 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

SEPTEMBER 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 48 34	25♌ 6'59	2♌28	18♍26	20♍11	1♏17	25♊32	10♐53	17°R29	2°R46	29°R46	18♌ 1	17♌18	15♎52	n.a.	F 1
S 2	21 52 30	26° 6'35	15° 3	19°41	21°25	2° 1	25°41	10°53	17♓27	2♓44	29♐45	18°R 1	17°15	15°59	n.a.	S 2
S 3	21 56 27	27° 6'13	27°27	20°55	22°39	2°44	25°51	10°53	17°25	2°43	29°45	18° 1	17°12	16° 6	n.a.	S 3
M 4	22 0 23	28° 5'53	9♍40	22° 7	23°53	3°28	26° 0	10°54	17°23	2°41	29°44	18° 0	17° 8	16°12	n.a.	M 4
T 5	22 4 20	29° 5'35	21°44	23°17	25° 7	4°12	26° 9	10°55	17°20	2°39	29°44	17°59	17° 5	16°19	n.a.	T 5
W 6	22 8 16	0♍ 5'20	3♎41	24°25	26°22	4°56	26°18	10°55	17°18	2°38	29°43	17°57	17° 2	16°26	n.a.	W 6
T 7	22 12 13	1° 5'06	15°33	25°31	27°36	5°40	26°27	10°56	17°16	2°36	29°43	17°55	16°59	16°32	n.a.	T 7
F 8	22 16 10	2° 4'54	27°24	26°35	28°50	6°24	26°35	10°57	17°13	2°34	29°42	17°53	16°56	16°39	n.a.	F 8
S 9	22 20 6	3° 4'44	9♏15	27°36	0♎ 4	7° 8	26°44	10°58	17°11	2°33	29°42	17°51	16°53	16°46	n.a.	S 9
S 10	22 24 3	4° 4'37	21°13	28°35	1°18	7°52	26°52	11° 0	17° 9	2°31	29°41	17°50	16°49	16°52	n.a.	S 10
M11	22 27 59	5° 4'31	3♐20	29°30	2°32	8°36	27° 1	11° 1	17° 6	2°29	29°41	17°D50	16°46	16°59	n.a.	M11
T 12	22 31 56	6° 4'26	15°42	0♎23	3°46	9°21	27° 9	11° 2	17° 4	2°27	29°40	17°50	16°43	17° 6	n.a.	T 12
W13	22 35 52	7° 4'24	28°22	1°11	5° 0	10° 5	27°17	11° 4	17° 1	2°26	29°40	17°51	16°40	17°13	n.a.	W13
T 14	22 39 49	8° 4'24	11♑26	1°56	6°14	10°50	27°25	11° 5	16°59	2°24	29°40	17°52	16°37	17°19	n.a.	T 14
F 15	22 43 45	9° 4'25	24°55	2°36	7°28	11°34	27°33	11° 7	16°56	2°22	29°39	17°54	16°33	17°26	n.a.	F 15
S 16	22 47 42	10° 4'28	8♒51	3°11	8°42	12°19	27°41	11° 9	16°54	2°21	29°39	17°55	16°30	17°33	n.a.	S 16
S 17	22 51 39	11° 4'33	23°13	3°40	9°56	13° 3	27°48	11°11	16°52	2°19	29°39	17°R55	16°27	17°39	n.a.	S 17
M18	22 55 35	12° 4'40	7♓56	4° 4	11°10	13°48	27°56	11°13	16°49	2°17	29°39	17°54	16°24	17°46	n.a.	M18
T 19	22 59 32	13° 4'48	22°54	4°21	12°24	14°33	28° 3	11°15	16°47	2°16	29°38	17°52	16°21	17°53	n.a.	T 19
W20	23 3 28	14° 4'59	7♈58	4°30	13°37	15°18	28°10	11°17	16°44	2°14	29°38	17°48	16°18	18° 0	n.a.	W20
T 21	23 7 25	15° 5'12	22°59	4°R32	14°51	16° 3	28°17	11°19	16°42	2°13	29°38	17°44	16°14	18° 6	n.a.	T 21
F 22	23 11 21	16° 5'27	7♉49	4°25	16° 5	16°48	28°24	11°21	16°39	2°11	29°38	17°41	16°11	18°13	n.a.	F 22
S 23	23 15 18	17° 5'44	22°21	4° 9	17°19	17°33	28°31	11°24	16°37	2° 9	29°38	17°37	16° 8	18°20	n.a.	S 23
S 24	23 19 14	18° 6'04	6♊30	3°44	18°33	18°18	28°37	11°26	16°34	2° 8	29°38	17°35	16° 5	18°26	n.a.	S 24
M25	23 23 11	19° 6'25	20°16	3° 9	19°47	19° 3	28°44	11°29	16°32	2° 6	29°38	17°D35	16° 2	18°33	n.a.	M25
T 26	23 27 7	20° 6'49	3♋39	2°25	21° 0	19°48	28°50	11°32	16°29	2° 4	29°D38	17°36	15°58	18°40	n.a.	T 26
W27	23 31 4	21° 7'15	16°41	1°31	22°14	20°33	28°56	11°35	16°27	2° 3	29°38	17°37	15°55	18°47	n.a.	W27
T 28	23 35 1	22° 7'44	29°26	0°29	23°28	21°19	29° 2	11°38	16°24	2° 1	29°38	17°39	15°52	18°53	n.a.	T 28
F 29	23 38 57	23° 8'14	11♌55	29♍19	24°42	22° 4	29° 8	11°41	16°22	2° 0	29°38	17°R40	15°49	19° 0	n.a.	F 29
S 30	23 42 54	24♍ 8'46	24♌14	28♍ 4	25♎55	22♏49	29♊13	11♐44	16♓20	1♓58	29♐38	17♌40	15♌46	19♎ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n23	18n34	1s25	2n59	1s49	4n29	0n34	13s24	1s22	24n 2	0n15	22s 8	0n20	5s45	0s47	12s22	1s50	31s54	8s 2	15n42	15n55	2s18		n.a.
S 2	13 2	16 21	0 16	2 23	1 56	3 57	0 32	13 40	1 22	24 2	0 15	22 9	0 20	5 46	0 47	12 23	1 50	31 54	8 2	15 42	15 56	2 21		n.a.
S 3	12 41	13 23	0n52	1 48	2 2	3 25	0 30	13 56	1 23	24 3	0 15	22 9	0 20	5 47	0 47	12 23	1 50	31 54	8 2	15 42	15 57	2 23		n.a.
M 4	12 21	9 53	1 57	1 13	2 9	2 53	0 27	14 11	1 23	24 3	0 15	22 9	0 20	5 48	0 47	12 24	1 50	31 54	8 2	15 42	15 58	2 25		n.a.
T 5	12 0	6 1	2 56	0 39	2 16	2 21	0 24	14 27	1 23	24 4	0 15	22 9	0 19	5 48	0 47	12 25	1 50	31 54	8 2	15 43	15 59	2 27		n.a.
W 6	11 38	1 58	3 47	0 5	2 22	1 48	0 22	14 42	1 24	24 4	0 15	22 9	0 19	5 49	0 47	12 25	1 50	31 53	8 2	15 43	16 0	2 29		n.a.
T 7	11 17	2s 8	4 27	0s27	2 28	1 16	0 19	14 58	1 24	24 4	0 16	22 10	0 19	5 50	0 47	12 26	1 50	31 53	8 2	15 44	16 1	2 31		n.a.
F 8	10 55	6 8	4 56	0 58	2 34	0 44	0 17	15 13	1 25	24 5	0 16	22 10	0 19	5 51	0 47	12 26	1 50	31 53	8 2	15 44	16 2	2 34		n.a.
S 9	10 33	9 54	5 12	1 28	2 40	0 11	0 14	15 28	1 25	24 5	0 16	22 10	0 19	5 52	0 47	12 27	1 50	31 53	8 1	15 45	16 3	2 36		n.a.
S 10	10 11	13 18	5 15	1 56	2 45	0s21	0 11	15 43	1 25	24 5	0 16	22 10	0 19	5 53	0 47	12 28	1 50	31 53	8 1	15 45	16 4	2 38		n.a.
M11	9 49	16 13	5 5	2 23	2 49	0 54	0 8	15 58	1 26	24 6	0 16	22 11	0 19	5 54	0 47	12 28	1 50	31 53	8 1	15 46	16 5	2 40		n.a.
T 12	9 27	18 27	4 39	2 48	2 54	1 26	0 6	16 13	1 26	24 6	0 16	22 11	0 19	5 55	0 47	12 29	1 50	31 53	8 1	15 45	16 6	2 42		n.a.
W13	9 4	19 51	4 0	3 11	2 58	1 59	0 3	16 28	1 26	24 7	0 17	22 11	0 19	5 56	0 47	12 30	1 50	31 52	8 1	15 45	16 7	2 45		n.a.
T 14	8 41	20 14	3 8	3 32	3 1	2 31	0 0	16 42	1 27	24 7	0 17	22 12	0 18	5 57	0 47	12 30	1 50	31 52	8 1	15 45	16 8	2 47		n.a.
F 15	8 18	19 30	2 3	3 51	3 3	3 3	0s 3	16 57	1 27	24 7	0 17	22 12	0 18	5 58	0 47	12 31	1 50	31 52	8 1	15 44	16 9	2 49		n.a.
S 16	7 55	17 34	0 50	4 7	3 5	3 36	0 6	17 11	1 27	24 7	0 17	22 12	0 18	5 59	0 47	12 31	1 50	31 52	8 0	15 44	16 10	2 51		n.a.
S 17	7 32	14 29	0s29	4 20	3 6	4 8	0 9	17 25	1 27	24 8	0 17	22 13	0 18	6 0	0 47	12 32	1 50	31 52	8 0	15 44	16 11	2 53		n.a.
M18	7 9	10 24	1 48	4 29	3 6	4 40	0 11	17 39	1 28	24 8	0 17	22 13	0 18	6 1	0 47	12 33	1 50	31 52	8 0	15 44	16 12	2 55		n.a.
T 19	6 46	5 37	3 1	4 35	3 5	5 12	0 14	17 53	1 28	24 8	0 18	22 14	0 18	6 2	0 47	12 33	1 50	31 52	8 0	15 45	16 13	2 58		n.a.
W20	6 22	0 28	4 1	4 37	3 3	5 44	0 17	18 7	1 28	24 9	0 18	22 14	0 18	6 3	0 47	12 34	1 50	31 51	8 0	15 46	16 14	3 0		n.a.
T 21	5 59	4n41	4 45	4 34	3 0	6 16	0 20	18 20	1 28	24 9	0 18	22 14	0 18	6 4	0 47	12 34	1 50	31 51	8 0	15 47	16 15	3 2		n.a.
F 22	5 35	9 30	5 9	4 27	2 55	6 47	0 23	18 34	1 28	24 9	0 18	22 15	0 18	6 5	0 47	12 35	1 50	31 51	8 0	15 48	16 16	3 4		n.a.
S 23	5 11	13 39	5 12	4 15	2 49	7 19	0 26	18 47	1 29	24 9	0 18	22 15	0 17	6 6	0 47	12 36	1 50	31 51	7 59	15 49	16 17	3 6		n.a.
S 24	4 47	16 54	4 56	3 57	2 41	7 50	0 29	19 0	1 29	24 10	0 18	22 16	0 17	6 7	0 47	12 36	1 50	31 51	7 59	15 50	16 18	3 9		n.a.
M25	4 23	19 7	4 24	3 34	2 31	8 21	0 32	19 13	1 29	24 10	0 19	22 16	0 17	6 8	0 47	12 37	1 50	31 51	7 59	15 50	16 19	3 11		n.a.
T 26	3 59	20 11	3 38	3 6	2 19	8 52	0 35	19 26	1 29	24 10	0 19	22 17	0 17	6 9	0 47	12 37	1 50	31 51	7 59	15 50	16 20	3 13		n.a.
W27	3 35	20 8	2 41	2 31	2 5	9 23	0 38	19 38	1 29	24 10	0 19	22 17	0 17	6 10	0 47	12 38	1 50	31 50	7 59	15 49	16 21	3 15		n.a.
T 28	3 11	19 2	1 38	1 52	1 50	9 54	0 41	19 51	1 29	24 11	0 19	22 18	0 17	6 11	0 47	12 38	1 50	31 50	7 59	15 49	16 22	3 17		n.a.
F 29	2 46	17 1	0 31	1 8	1 33	10 24	0 43	20 3	1 30	24 11	0 19	22 18	0 17	6 12	0 47	12 39	1 50	31 50	7 59	15 49	16 23	3 20		n.a.
S 30	2n22	14n14	0n36	0s21	1s14	10s54	0s46	20s15	1s30	24n11	0n20	22s19	0n17	6s12	0s47	12s39	1s50	31s50	7s58	15n49	16n24	3s22		n.a.

Julian Day Number = 1200454.5, Delta T = 09h23m04s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'22, Lahiri = -23°38'22 Julian Calendar 1 Sept. 1427 BCE == Greg. Calendar 19 Aug. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

OCTOBER 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 46 50	25♍ 9'19	6♍23	26°R45	27♎ 9	23♏35	29♊19	11♐47	16°R17	1°R57	29♐38	17°R38	15♌43	19♎13	n.a.	S 1
M 2	23 50 47	26° 9'55	18°25	25♍25	28°23	24°20	29°24	11°50	16♓15	1♓55	29°38	17♌34	15°39	19°20	n.a.	M 2
T 3	23 54 43	27°10'33	0♎22	24° 7	29°36	25° 6	29°29	11°54	16°12	1°54	29°38	17°29	15°36	19°27	n.a.	T 3
W 4	23 58 40	28°11'12	12°15	22°52	0♏50	25°51	29°34	11°57	16°10	1°52	29°39	17°21	15°33	19°33	n.a.	W 4
T 5	0 2 36	29°11'52	24° 6	21°44	2° 3	26°37	29°39	12° 1	16° 7	1°51	29°39	17°13	15°30	19°40	n.a.	T 5
F 6	0 6 33	0♎12'34	5♏57	20°44	3°17	27°23	29°44	12° 4	16° 5	1°49	29°39	17° 4	15°27	19°47	n.a.	F 6
S 7	0 10 29	1°13'18	17°49	19°54	4°31	28° 8	29°48	12° 8	16° 3	1°48	29°39	16°56	15°24	19°54	n.a.	S 7
S 8	0 14 26	2°14'03	29°47	19°16	5°44	28°54	29°52	12°12	16° 0	1°46	29°40	16°50	15°20	20° 0	n.a.	S 8
M 9	0 18 23	3°14'50	11♐52	18°49	6°58	29°40	29°56	12°16	15°58	1°45	29°40	16°45	15°17	20° 7	n.a.	M 9
T 10	0 22 19	4°15'37	24°10	18°33	8°11	0♐26	0♋ 0	12°20	15°56	1°44	29°40	16°43	15°14	20°14	n.a.	T 10
W11	0 26 16	5°16'26	6♑44	18°D29	9°24	1°12	0° 4	12°24	15°53	1°42	29°41	16°D42	15°11	20°20	n.a.	W11
T 12	0 30 12	6°17'16	19°39	18°36	10°38	1°58	0° 8	12°28	15°51	1°41	29°41	16°43	15° 8	20°27	n.a.	T 12
F 13	0 34 9	7°18'08	2♒59	18°54	11°51	2°44	0°11	12°32	15°49	1°40	29°42	16°44	15° 4	20°34	n.a.	F 13
S 14	0 38 5	8°19'00	16°47	19°20	13° 5	3°30	0°14	12°36	15°47	1°38	29°42	16°R45	15° 1	20°41	n.a.	S 14
S 15	0 42 2	9°19'53	1♓ 4	19°56	14°18	4°16	0°17	12°41	15°44	1°37	29°43	16°44	14°58	20°47	n.a.	S 15
M16	0 45 58	10°20'48	15°48	20°38	15°31	5° 2	0°20	12°45	15°42	1°36	29°43	16°40	14°55	20°54	n.a.	M16
T 17	0 49 55	11°21'43	0♈54	21°28	16°44	5°48	0°23	12°50	15°40	1°35	29°44	16°35	14°52	21° 1	n.a.	T 17
W18	0 53 52	12°22'40	16°12	22°23	17°57	6°34	0°25	12°54	15°38	1°34	29°44	16°27	14°49	21° 7	n.a.	W18
T 19	0 57 48	13°23'38	1♉32	23°24	19°11	7°20	0°28	12°59	15°36	1°32	29°45	16°18	14°45	21°14	n.a.	T 19
F 20	1 1 45	14°24'37	16°42	24°29	20°24	8° 6	0°30	13° 4	15°34	1°31	29°46	16° 9	14°42	21°21	n.a.	F 20
S 21	1 5 41	15°25'38	1♊33	25°38	21°37	8°52	0°32	13° 9	15°32	1°30	29°46	16° 1	14°39	21°28	n.a.	S 21
S 22	1 9 38	16°26'40	15°58	26°50	22°50	9°38	0°33	13°14	15°30	1°29	29°47	15°55	14°36	21°34	n.a.	S 22
M23	1 13 34	17°27'44	29°53	28° 5	24° 3	10°24	0°35	13°19	15°28	1°28	29°48	15°51	14°33	21°41	n.a.	M23
T 24	1 17 31	18°28'49	13♋20	29°23	25°16	11°11	0°36	13°24	15°26	1°27	29°49	15°D50	14°29	21°48	n.a.	T 24
W25	1 21 27	19°29'55	26°20	0♎43	26°29	11°57	0°37	13°29	15°24	1°26	29°49	15°50	14°26	21°54	n.a.	W25
T 26	1 25 24	20°31'02	8♌59	2° 5	27°41	12°43	0°38	13°34	15°22	1°25	29°50	15°50	14°23	22° 1	n.a.	T 26
F 27	1 29 21	21°32'11	21°20	3°28	28°54	13°29	0°39	13°39	15°20	1°24	29°51	15°R51	14°20	22° 8	n.a.	F 27
S 28	1 33 17	22°33'21	3♍28	4°53	0♐ 7	14°16	0°39	13°45	15°18	1°23	29°52	15°49	14°17	22°15	n.a.	S 28
S 29	1 37 14	23°34'31	15°27	6°18	1°20	15° 2	0°40	13°50	15°16	1°22	29°53	15°45	14°14	22°21	n.a.	S 29
M30	1 41 10	24°35'43	27°21	7°45	2°32	15°48	0°R40	13°55	15°15	1°21	29°54	15°38	14°10	22°28	n.a.	M30
T 31	1 45 7	25♎36'56	9♎13	9♎12	3♐45	16♐35	0♋40	14♐ 1	15♓13	1♓20	29♐54	15♌28	14♌ 7	22♎35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1n57	10n52	1n40	0n29	0s54	11s24	0s49	20s27	1s30	24n11	0n20	22s19	0n17	6s13	0s47	12s40	1s50	31s50	7s58	15n49	16n24	3s24			n.a.
M 2	1 33	7 6	2 39	1 20	0 34	11 54	0 52	20 38	1 30	24 11	0 20	22 20	0 16	6 14	0 47	12 41	1 50	31 50	7 58	15 50	16 25	3 26			n.a.
T 3	1 9	3 4	3 31	2 11	0 13	12 23	0 55	20 50	1 30	24 12	0 20	22 21	0 16	6 15	0 47	12 41	1 50	31 50	7 58	15 52	16 26	3 28			n.a.
W 4	0 44	1s 3	4 13	2 59	0n 7	12 52	0 58	21 1	1 30	24 12	0 20	22 21	0 16	6 16	0 47	12 42	1 49	31 49	7 58	15 54	16 27	3 31			n.a.
T 5	0 19	5 7	4 44	3 45	0 27	13 21	1 1	21 12	1 30	24 12	0 20	22 22	0 16	6 17	0 47	12 42	1 49	31 49	7 58	15 57	16 28	3 33			n.a.
F 6	0s 5	8 59	5 2	4 26	0 46	13 49	1 3	21 23	1 30	24 12	0 21	22 22	0 16	6 18	0 47	12 43	1 49	31 49	7 57	16 0	16 29	3 35			n.a.
S 7	0 30	12 31	5 8	5 2	1 3	14 17	1 6	21 33	1 30	24 12	0 21	22 23	0 16	6 19	0 47	12 43	1 49	31 49	7 57	16 2	16 30	3 37			n.a.
S 8	0 54	15 34	5 0	5 32	1 19	14 45	1 9	21 44	1 30	24 13	0 21	22 24	0 16	6 20	0 47	12 44	1 49	31 49	7 57	16 4	16 31	3 39			n.a.
M 9	1 19	18 0	4 39	5 55	1 33	15 12	1 12	21 54	1 30	24 13	0 21	22 24	0 16	6 21	0 47	12 44	1 49	31 49	7 57	16 5	16 32	3 41			n.a.
T 10	1 43	19 39	4 5	6 13	1 45	15 39	1 14	22 4	1 30	24 13	0 21	22 25	0 16	6 22	0 47	12 45	1 49	31 48	7 57	16 6	16 33	3 44			n.a.
W11	2 8	20 23	3 19	6 24	1 55	16 6	1 17	22 14	1 30	24 13	0 22	22 25	0 15	6 23	0 47	12 45	1 49	31 48	7 57	16 6	16 34	3 46			n.a.
T 12	2 32	20 4	2 21	6 29	2 4	16 32	1 20	22 23	1 30	24 13	0 22	22 26	0 15	6 24	0 47	12 46	1 49	31 48	7 57	16 6	16 35	3 48			n.a.
F 13	2 57	18 39	1 13	6 28	2 11	16 58	1 22	22 33	1 30	24 14	0 22	22 27	0 15	6 24	0 47	12 46	1 49	31 48	7 56	16 6	16 36	3 50			n.a.
S 14	3 21	16 5	0s 0	6 22	2 16	17 23	1 25	22 42	1 30	24 14	0 22	22 27	0 15	6 25	0 47	12 46	1 49	31 48	7 56	16 6	16 37	3 52			n.a.
S 15	3 46	12 28	1 16	6 12	2 20	17 48	1 27	22 51	1 30	24 14	0 22	22 28	0 15	6 26	0 47	12 47	1 49	31 48	7 56	16 6	16 38	3 55			n.a.
M16	4 10	7 59	2 29	5 57	2 22	18 12	1 30	22 59	1 30	24 14	0 23	22 29	0 15	6 27	0 47	12 47	1 49	31 48	7 56	16 7	16 39	3 57			n.a.
T 17	4 34	2 54	3 34	5 38	2 24	18 36	1 32	23 8	1 30	24 14	0 23	22 29	0 15	6 28	0 47	12 48	1 49	31 47	7 56	16 9	16 40	3 59			n.a.
W18	4 58	2n26	4 24	5 16	2 24	19 0	1 34	23 16	1 30	24 15	0 23	22 30	0 15	6 29	0 47	12 48	1 49	31 47	7 56	16 11	16 41	4 1			n.a.
T 19	5 23	7 37	4 55	4 51	2 23	19 22	1 37	23 24	1 30	24 15	0 23	22 31	0 15	6 29	0 47	12 48	1 49	31 47	7 56	16 14	16 42	4 3			n.a.
F 20	5 47	12 15	5 5	4 23	2 22	19 45	1 39	23 31	1 30	24 15	0 23	22 32	0 15	6 30	0 47	12 49	1 49	31 47	7 55	16 16	16 43	4 6			n.a.
S 21	6 11	16 2	4 54	3 53	2 19	20 7	1 41	23 39	1 30	24 15	0 24	22 32	0 14	6 31	0 47	12 49	1 49	31 47	7 55	16 19	16 44	4 8			n.a.
S 22	6 35	18 44	4 24	3 21	2 16	20 28	1 43	23 46	1 30	24 15	0 24	22 33	0 14	6 32	0 47	12 50	1 49	31 47	7 55	16 21	16 44	4 10			n.a.
M23	6 58	20 12	3 40	2 48	2 13	20 49	1 46	23 53	1 29	24 16	0 24	22 34	0 14	6 33	0 47	12 50	1 49	31 47	7 55	16 22	16 45	4 12			n.a.
T 24	7 22	20 27	2 44	2 13	2 9	21 9	1 48	23 59	1 29	24 16	0 24	22 34	0 14	6 33	0 47	12 50	1 49	31 46	7 55	16 22	16 46	4 14			n.a.
W25	7 46	19 35	1 42	1 36	2 4	21 29	1 50	24 5	1 29	24 16	0 24	22 35	0 14	6 34	0 47	12 51	1 49	31 46	7 55	16 22	16 47	4 17			n.a.
T 26	8 9	17 44	0 37	0 59	1 59	21 48	1 52	24 12	1 29	24 16	0 25	22 36	0 14	6 35	0 47	12 51	1 49	31 46	7 55	16 22	16 48	4 19			n.a.
F 27	8 32	15 6	0n29	0 20	1 54	22 7	1 53	24 17	1 29	24 16	0 25	22 37	0 14	6 36	0 47	12 51	1 49	31 46	7 54	16 22	16 49	4 21			n.a.
S 28	8 56	11 51	1 32	0s19	1 48	22 24	1 55	24 23	1 29	24 17	0 25	22 37	0 14	6 36	0 47	12 52	1 49	31 46	7 54	16 23	16 50	4 23			n.a.
S 29	9 19	8 8	2 31	0 59	1 42	22 42	1 57	24 28	1 29	24 17	0 25	22 38	0 14	6 37	0 46	12 52	1 49	31 46	7 54	16 24	16 51	4 26			n.a.
M30	9 42	4 8	3 22	1 39	1 36	22 58	1 59	24 33	1 28	24 17	0 25	22 39	0 14	6 38	0 46	12 52	1 49	31 46	7 54	16 26	16 52	4 28			n.a.
T 31	10s 4	0n 0	4n 3	2s20	1n30	23s14	2s 0	24s38	1s28	24n17	0n26	22s40	0n13	6s38	0s46	12s52	1s49	31s46	7s54	16n29	16n53	4s30			n.a.

Julian Day Number = 1200484.5, Delta T = 09h23m02s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'18, Lahiri = -23°38'18 Julian Calendar 1 Oct. 1427 BCE == Greg. Calendar 18 Sept. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

NOVEMBER 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 49 3	26♎38'09	21♎ 4	10♎41	4♐58	17♐21	0°R40	14♐ 7	15°R11	1°R20	29♐55	15°R15	14♌ 4	22♎41	n.a.	W 1
T 2	1 53 0	27°39'23	2♏56	12° 9	6°10	18° 7	0♋39	14°12	15♓ 9	1♓19	29°56	15♌ 1	14° 1	22°48	n.a.	T 2
F 3	1 56 56	28°40'38	14°50	13°39	7°23	18°54	0°38	14°18	15° 8	1°18	29°57	14°47	13°58	22°55	n.a.	F 3
S 4	2 0 53	29°41'54	26°48	15° 9	8°35	19°40	0°38	14°24	15° 6	1°17	29°58	14°33	13°55	23° 2	n.a.	S 4
S 5	2 4 50	0♏43'10	8♐51	16°39	9°48	20°26	0°37	14°30	15° 5	1°17	29°59	14°21	13°51	23° 8	n.a.	S 5
M 6	2 8 46	1°44'26	21° 1	18° 9	11° 0	21°13	0°35	14°35	15° 3	1°16	0♑ 1	14°12	13°48	23°15	n.a.	M 6
T 7	2 12 43	2°45'43	3♑20	19°40	12°12	21°59	0°34	14°41	15° 2	1°15	0° 2	14° 6	13°45	23°22	n.a.	T 7
W 8	2 16 39	3°47'00	15°53	21°12	13°24	22°46	0°32	14°47	15° 0	1°15	0° 3	14° 2	13°42	23°28	n.a.	W 8
T 9	2 20 36	4°48'17	28°43	22°43	14°36	23°32	0°30	14°53	14°59	1°14	0° 4	14° 1	13°39	23°35	n.a.	T 9
F 10	2 24 32	5°49'35	11♒54	24°15	15°48	24°18	0°28	14°59	14°58	1°14	0° 5	14° 1	13°35	23°42	n.a.	F 10
S 11	2 28 29	6°50'52	25°30	25°47	17° 0	25° 5	0°26	15° 6	14°56	1°13	0° 6	14° 1	13°32	23°49	n.a.	S 11
S 12	2 32 26	7°52'09	9♓33	27°19	18°12	25°51	0°24	15°12	14°55	1°13	0° 7	13°59	13°29	23°55	n.a.	S 12
M13	2 36 22	8°53'26	24° 2	28°51	19°24	26°38	0°21	15°18	14°54	1°12	0° 9	13°55	13°26	24° 2	n.a.	M13
T 14	2 40 19	9°54'43	8♈57	0♏24	20°36	27°24	0°18	15°24	14°53	1°12	0°10	13°48	13°23	24° 9	n.a.	T 14
W15	2 44 15	10°56'01	24° 8	1°57	21°47	28°10	0°15	15°31	14°52	1°12	0°11	13°38	13°20	24°15	n.a.	W15
T 16	2 48 12	11°57'18	9♉28	3°30	22°59	28°57	0°12	15°37	14°51	1°11	0°12	13°26	13°16	24°22	n.a.	T 16
F 17	2 52 8	12°58'35	24°43	5° 3	24°11	29°43	0° 9	15°43	14°50	1°11	0°14	13°14	13°13	24°29	n.a.	F 17
S 18	2 56 5	13°59'53	9♊44	6°37	25°22	0♑30	0° 5	15°50	14°49	1°11	0°15	13° 3	13°10	24°36	n.a.	S 18
S 19	3 0 1	15° 1'11	24°20	8°10	26°33	1°16	0° 1	15°56	14°48	1°11	0°16	12°55	13° 7	24°42	n.a.	S 19
M20	3 3 58	16° 2'29	8♋27	9°45	27°44	2° 2	29♊57	16° 3	14°47	1°10	0°18	12°49	13° 4	24°49	n.a.	M20
T 21	3 7 55	17° 3'47	22° 4	11°19	28°55	2°49	29°53	16°10	14°46	1°10	0°19	12°45	13° 1	24°56	n.a.	T 21
W22	3 11 51	18° 5'05	5♌11	12°54	0♑ 6	3°35	29°49	16°16	14°45	1°10	0°20	12°44	12°57	25° 2	n.a.	W22
T 23	3 15 48	19° 6'24	17°53	14°29	1°17	4°21	29°45	16°23	14°45	1°10	0°22	12°44	12°54	25° 9	n.a.	T 23
F 24	3 19 44	20° 7'42	0♍15	16° 4	2°28	5° 8	29°40	16°29	14°44	1°10	0°23	12°44	12°51	25°16	n.a.	F 24
S 25	3 23 41	21° 9'01	12°21	17°40	3°39	5°54	29°35	16°36	14°44	1°D10	0°25	12°42	12°48	25°23	n.a.	S 25
S 26	3 27 37	22°10'19	24°18	19°16	4°49	6°40	29°30	16°43	14°43	1°10	0°26	12°38	12°45	25°29	n.a.	S 26
M27	3 31 34	23°11'38	6♎ 9	20°52	6° 0	7°27	29°25	16°50	14°42	1°10	0°28	12°31	12°41	25°36	n.a.	M27
T 28	3 35 31	24°12'56	17°59	22°29	7°10	8°13	29°20	16°57	14°42	1°10	0°29	12°22	12°38	25°43	n.a.	T 28
W29	3 39 27	25°14'14	29°50	24° 6	8°20	8°59	29°14	17° 3	14°42	1°10	0°31	12° 9	12°35	25°49	n.a.	W29
T 30	3 43 24	26♏15'32	11♏44	25♏44	9♑31	9♑45	29♊ 9	17♐10	14♓41	1♓10	0♑32	11♌55	12♌32	25♎56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s27	4s 8	4n35	3s 1	1n24	23s30	2s 2	24s42	1s28	24n17	0n26	22s40	0n13	6s39	0s46	12s53	1s48	31s45	7s54	16n33	16n54	4s32		n.a.
T 2	10 49	8 6	4 54	3 42	1 17	23 44	2 3	24 47	1 28	24 18	0 26	22 41	0 13	6 39	0 46	12 53	1 48	31 45	7 54	16 37	16 55	4 34		n.a.
F 3	11 12	11 47	5 0	4 24	1 10	23 58	2 4	24 50	1 28	24 18	0 26	22 42	0 13	6 40	0 46	12 53	1 48	31 45	7 54	16 41	16 56	4 37		n.a.
S 4	11 34	15 1	4 54	5 5	1 4	24 12	2 6	24 54	1 27	24 18	0 27	22 43	0 13	6 41	0 46	12 53	1 48	31 45	7 53	16 45	16 57	4 39		n.a.
S 5	11 56	17 39	4 34	5 47	0 57	24 24	2 7	24 57	1 27	24 18	0 27	22 44	0 13	6 41	0 46	12 53	1 48	31 45	7 53	16 49	16 58	4 41		n.a.
M 6	12 17	19 32	4 1	6 28	0 50	24 36	2 8	25 0	1 27	24 19	0 27	22 44	0 13	6 42	0 46	12 54	1 48	31 45	7 53	16 52	16 58	4 43		n.a.
T 7	12 39	20 32	3 17	7 10	0 43	24 47	2 9	25 3	1 27	24 19	0 27	22 45	0 13	6 42	0 46	12 54	1 48	31 45	7 53	16 53	16 59	4 45		n.a.
W 8	13 0	20 32	2 23	7 51	0 36	24 58	2 10	25 6	1 26	24 19	0 27	22 46	0 13	6 43	0 46	12 54	1 48	31 45	7 53	16 54	17 0	4 48		n.a.
T 9	13 21	19 28	1 20	8 32	0 29	25 7	2 11	25 8	1 26	24 19	0 28	22 47	0 13	6 43	0 46	12 54	1 48	31 44	7 53	16 55	17 1	4 50		n.a.
F 10	13 42	17 21	0 11	9 13	0 22	25 16	2 12	25 10	1 26	24 19	0 28	22 47	0 13	6 44	0 46	12 54	1 48	31 44	7 53	16 55	17 2	4 52		n.a.
S 11	14 2	14 11	1s 0	9 53	0 16	25 25	2 12	25 11	1 25	24 20	0 28	22 48	0 12	6 44	0 46	12 54	1 48	31 44	7 53	16 55	17 3	4 54		n.a.
S 12	14 23	10 8	2 10	10 34	0 9	25 32	2 13	25 13	1 25	24 20	0 28	22 49	0 12	6 45	0 46	12 55	1 48	31 44	7 52	16 55	17 4	4 56		n.a.
M13	14 43	5 22	3 14	11 14	0 2	25 39	2 14	25 14	1 25	24 20	0 28	22 50	0 12	6 45	0 46	12 55	1 48	31 44	7 52	16 57	17 5	4 59		n.a.
T 14	15 3	0 10	4 7	11 53	0s 5	25 45	2 14	25 15	1 25	24 20	0 29	22 51	0 12	6 46	0 46	12 55	1 48	31 44	7 52	16 59	17 6	5 1		n.a.
W15	15 22	5n 9	4 43	12 32	0 11	25 50	2 14	25 15	1 24	24 20	0 29	22 51	0 12	6 46	0 46	12 55	1 48	31 44	7 52	17 2	17 7	5 3		n.a.
T 16	15 41	10 10	4 59	13 11	0 18	25 55	2 14	25 15	1 24	24 21	0 29	22 52	0 12	6 46	0 46	12 55	1 48	31 44	7 52	17 5	17 8	5 5		n.a.
F 17	16 0	14 32	4 54	13 49	0 24	25 58	2 15	25 15	1 24	24 21	0 29	22 53	0 12	6 47	0 46	12 55	1 48	31 44	7 52	17 8	17 9	5 7		n.a.
S 18	16 19	17 52	4 29	14 27	0 31	26 1	2 15	25 15	1 23	24 21	0 29	22 54	0 12	6 47	0 46	12 55	1 48	31 44	7 52	17 11	17 10	5 10		n.a.
S 19	16 38	19 59	3 46	15 4	0 37	26 3	2 15	25 14	1 23	24 21	0 30	22 55	0 12	6 47	0 46	12 55	1 48	31 43	7 52	17 14	17 11	5 12		n.a.
M20	16 56	20 45	2 50	15 40	0 43	26 5	2 14	25 13	1 23	24 22	0 30	22 55	0 12	6 48	0 46	12 55	1 48	31 43	7 52	17 16	17 11	5 14		n.a.
T 21	17 14	20 16	1 47	16 16	0 49	26 5	2 14	25 12	1 22	24 22	0 30	22 56	0 12	6 48	0 46	12 55	1 47	31 43	7 52	17 17	17 12	5 16		n.a.
W22	17 31	18 40	0 40	16 51	0 55	26 5	2 14	25 11	1 22	24 22	0 30	22 57	0 11	6 48	0 46	12 55	1 47	31 43	7 52	17 17	17 13	5 19		n.a.
T 23	17 48	16 10	0n27	17 26	1 1	26 4	2 13	25 9	1 22	24 22	0 31	22 58	0 11	6 48	0 46	12 55	1 47	31 43	7 51	17 17	17 14	5 21		n.a.
F 24	18 5	13 0	1 31	17 59	1 6	26 3	2 12	25 7	1 21	24 22	0 31	22 58	0 11	6 49	0 46	12 55	1 47	31 43	7 51	17 17	17 15	5 23		n.a.
S 25	18 22	9 20	2 30	18 32	1 11	26 0	2 12	25 4	1 21	24 23	0 31	22 59	0 11	6 49	0 46	12 55	1 47	31 43	7 51	17 18	17 16	5 25		n.a.
S 26	18 38	5 22	3 21	19 5	1 17	25 57	2 11	25 2	1 20	24 23	0 31	23 0	0 11	6 49	0 45	12 55	1 47	31 43	7 51	17 19	17 17	5 27		n.a.
M27	18 54	1 13	4 3	19 36	1 22	25 53	2 10	24 59	1 20	24 23	0 31	23 1	0 11	6 49	0 45	12 55	1 47	31 43	7 51	17 21	17 18	5 30		n.a.
T 28	19 9	2s58	4 34	20 6	1 26	25 49	2 9	24 55	1 20	24 23	0 32	23 2	0 11	6 49	0 45	12 55	1 47	31 43	7 51	17 24	17 19	5 32		n.a.
W29	19 25	7 2	4 53	20 36	1 31	25 43	2 8	24 52	1 19	24 23	0 32	23 2	0 11	6 50	0 45	12 55	1 47	31 43	7 51	17 27	17 20	5 34		n.a.
T 30	19s39	10s52	5n 0	21s 4	1s35	25s37	2s 6	24s48	1s19	24n24	0n32	23s 3	0n11	6s50	0s45	12s55	1s47	31s43	7s51	17n31	17n21	5s36		n.a.

Julian Day Number = 1200515.5, Delta T = 09h23m00s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'14, Lahiri = -23°38'14 Julian Calendar 1 Nov. 1427 BCE == Greg. Calendar 19 Oct. 1427 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1427 BCE
geocentric

DECEMBER 1427 BCE (-1426) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 47 20	27♏16'49	23♏45	27♏22	10♉41	10♉32	29°R 3	17♐17	14°R41	1♓11	0♉34	11°R40	12♌29	26♎ 3	n.a.	F 1
S 2	3 51 17	28°18'06	5♐51	29° 1	11°50	11°18	28♊57	17°24	14♓41	1°11	0°35	11♌27	12°26	26°10	n.a.	S 2
S 3	3 55 13	29°19'22	18° 5	0♐40	13° 0	12° 4	28°51	17°31	14°41	1°11	0°37	11°14	12°22	26°16	n.a.	S 3
M 4	3 59 10	0♐20'38	0♉27	2°19	14°10	12°50	28°45	17°38	14°40	1°11	0°38	11° 5	12°19	26°23	n.a.	M 4
T 5	4 3 6	1°21'53	12°58	3°59	15°19	13°37	28°39	17°45	14°40	1°12	0°40	10°59	12°16	26°30	n.a.	T 5
W 6	4 7 3	2°23'07	25°41	5°39	16°28	14°23	28°32	17°52	14°D40	1°12	0°42	10°55	12°13	26°36	n.a.	W 6
T 7	4 11 0	3°24'20	8♒36	7°20	17°38	15° 9	28°26	17°59	14°40	1°13	0°43	10°D54	12°10	26°43	n.a.	T 7
F 8	4 14 56	4°25'33	21°48	9° 1	18°47	15°55	28°19	18° 6	14°40	1°13	0°45	10°54	12° 6	26°50	n.a.	F 8
S 9	4 18 53	5°26'43	5♓18	10°43	19°55	16°41	28°12	18°13	14°40	1°14	0°47	10°R55	12° 3	26°57	n.a.	S 9
S 10	4 22 49	6°27'53	19° 9	12°25	21° 4	17°27	28° 5	18°21	14°41	1°14	0°48	10°54	12° 0	27° 3	n.a.	S 10
M11	4 26 46	7°29'02	3♈22	14° 8	22°12	18°13	27°58	18°28	14°41	1°15	0°50	10°51	11°57	27°10	n.a.	M11
T 12	4 30 42	8°30'09	17°55	15°51	23°21	18°59	27°51	18°35	14°41	1°15	0°52	10°46	11°54	27°17	n.a.	T 12
W13	4 34 39	9°31'16	2♉45	17°34	24°29	19°45	27°44	18°42	14°42	1°16	0°53	10°39	11°51	27°24	n.a.	W13
T 14	4 38 36	10°32'21	17°44	19°18	25°36	20°31	27°37	18°49	14°42	1°16	0°55	10°29	11°47	27°30	n.a.	T 14
F 15	4 42 32	11°33'25	2♊44	21° 1	26°44	21°17	27°29	18°56	14°42	1°17	0°57	10°20	11°44	27°37	n.a.	F 15
S 16	4 46 29	12°34'28	17°35	22°45	27°51	22° 3	27°22	19° 3	14°43	1°18	0°58	10°11	11°41	27°44	n.a.	S 16
S 17	4 50 25	13°35'30	2♋ 8	24°28	28°59	22°49	27°15	19°11	14°43	1°19	1° 0	10° 3	11°38	27°50	n.a.	S 17
M18	4 54 22	14°36'31	16°17	26°12	0♒ 6	23°35	27° 7	19°18	14°44	1°19	1° 2	9°59	11°35	27°57	n.a.	M18
T 19	4 58 18	15°37'31	29°59	27°55	1°12	24°20	26°59	19°25	14°45	1°20	1° 4	9°56	11°32	28° 4	n.a.	T 19
W20	5 2 15	16°38'30	13♌14	29°37	2°19	25° 6	26°52	19°32	14°45	1°21	1° 5	9°D56	11°28	28°11	n.a.	W20
T 21	5 6 11	17°39'27	26° 3	1♉19	3°25	25°52	26°44	19°39	14°46	1°22	1° 7	9°56	11°25	28°17	n.a.	T 21
F 22	5 10 8	18°40'24	8♍30	2°59	4°31	26°38	26°36	19°47	14°47	1°23	1° 9	9°58	11°22	28°24	n.a.	F 22
S 23	5 14 5	19°41'20	20°40	4°38	5°37	27°23	26°28	19°54	14°48	1°24	1°11	9°R58	11°19	28°31	n.a.	S 23
S 24	5 18 1	20°42'15	2♎39	6°15	6°43	28° 9	26°20	20° 1	14°49	1°25	1°12	9°57	11°16	28°37	n.a.	S 24
M25	5 21 58	21°43'09	14°31	7°50	7°48	28°55	26°12	20° 8	14°50	1°26	1°14	9°54	11°12	28°44	n.a.	M25
T 26	5 25 54	22°44'01	26°22	9°22	8°53	29°40	26° 4	20°16	14°51	1°27	1°16	9°49	11° 9	28°51	n.a.	T 26
W27	5 29 51	23°44'52	8♏15	10°51	9°57	0♒26	25°56	20°23	14°52	1°28	1°18	9°42	11° 6	28°58	n.a.	W27
T 28	5 33 47	24°45'43	20°13	12°15	11° 2	1°11	25°48	20°30	14°53	1°29	1°20	9°34	11° 3	29° 4	n.a.	T 28
F 29	5 37 44	25°46'31	2♐20	13°35	12° 6	1°57	25°40	20°37	14°54	1°30	1°21	9°25	11° 0	29°11	n.a.	F 29
S 30	5 41 41	26°47'19	14°36	14°50	13°10	2°42	25°32	20°44	14°55	1°31	1°23	9°17	10°57	29°18	n.a.	S 30
S 31	5 45 37	27♐48'05	27♐ 3	15♉59	14♒13	3♒28	25♊24	20♐52	14♓56	1♓32	1♉25	9♌ 9	10♌53	29♎25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	19s54	14s18	4n54	21s31	1s39	25s30	2s 5	24s44	1s18	24n24	0n32	23s 4	0n11	6s50	0s45	12s54	1s47	31s43	7s51	17n35	17n21	5s38		n.a.	F 1
S 2	20 8	17 10	4 34	21 58	1 43	25 22	2 4	24 40	1 18	24 24	0 32	23 5	0 11	6 50	0 45	12 54	1 47	31 42	7 51	17 39	17 22	5 41		n.a.	S 2
S 3	20 22	19 19	4 1	22 23	1 46	25 14	2 2	24 35	1 18	24 24	0 33	23 5	0 11	6 50	0 45	12 54	1 47	31 42	7 51	17 43	17 23	5 43		n.a.	S 3
M 4	20 35	20 35	3 17	22 47	1 50	25 5	2 0	24 30	1 17	24 24	0 33	23 6	0 10	6 50	0 45	12 54	1 47	31 42	7 51	17 45	17 24	5 45		n.a.	M 4
T 5	20 48	20 51	2 22	23 9	1 52	24 55	1 58	24 25	1 17	24 24	0 33	23 7	0 10	6 50	0 45	12 54	1 47	31 42	7 51	17 47	17 25	5 47		n.a.	T 5
W 6	21 0	20 4	1 20	23 31	1 55	24 45	1 56	24 20	1 16	24 24	0 33	23 8	0 10	6 50	0 45	12 54	1 47	31 42	7 51	17 48	17 26	5 49		n.a.	W 6
T 7	21 12	18 14	0 12	23 51	1 57	24 34	1 54	24 14	1 16	24 25	0 33	23 8	0 10	6 50	0 45	12 53	1 47	31 42	7 51	17 48	17 27	5 52		n.a.	T 7
F 8	21 24	15 24	0s58	24 9	1 59	24 22	1 52	24 8	1 15	24 25	0 34	23 9	0 10	6 50	0 45	12 53	1 47	31 42	7 51	17 48	17 28	5 54		n.a.	F 8
S 9	21 35	11 41	2 6	24 26	2 0	24 10	1 50	24 2	1 15	24 25	0 34	23 10	0 10	6 50	0 45	12 53	1 46	31 42	7 51	17 48	17 29	5 56		n.a.	S 9
S 10	21 46	7 15	3 9	24 41	2 1	23 57	1 47	23 56	1 14	24 25	0 34	23 10	0 10	6 49	0 45	12 53	1 46	31 42	7 51	17 48	17 30	5 58		n.a.	S 10
M11	21 57	2 19	4 2	24 55	2 2	23 43	1 45	23 49	1 14	24 25	0 34	23 11	0 10	6 49	0 45	12 52	1 46	31 42	7 51	17 49	17 31	6 1		n.a.	M11
T 12	22 7	2n51	4 40	25 7	2 2	23 29	1 42	23 42	1 13	24 25	0 34	23 12	0 10	6 49	0 45	12 52	1 46	31 42	7 51	17 50	17 31	6 3		n.a.	T 12
W13	22 16	7 56	5 1	25 17	2 2	23 14	1 39	23 35	1 13	24 25	0 35	23 13	0 10	6 49	0 45	12 52	1 46	31 42	7 51	17 52	17 32	6 5		n.a.	W13
T 14	22 25	12 36	5 1	25 25	2 1	22 58	1 36	23 27	1 12	24 25	0 35	23 13	0 10	6 49	0 45	12 52	1 46	31 42	7 51	17 55	17 33	6 7		n.a.	T 14
F 15	22 34	16 29	4 41	25 32	1 59	22 42	1 33	23 20	1 12	24 25	0 35	23 14	0 10	6 49	0 45	12 51	1 46	31 42	7 51	17 58	17 34	6 9		n.a.	F 15
S 16	22 42	19 15	4 2	25 36	1 57	22 25	1 30	23 12	1 11	24 25	0 35	23 15	0 10	6 48	0 45	12 51	1 46	31 42	7 51	18 0	17 35	6 12		n.a.	S 16
S 17	22 50	20 43	3 8	25 39	1 54	22 8	1 27	23 3	1 11	24 25	0 35	23 15	0 9	6 48	0 45	12 51	1 46	31 42	7 51	18 2	17 36	6 14		n.a.	S 17
M18	22 57	20 49	2 3	25 39	1 51	21 50	1 23	22 55	1 10	24 25	0 35	23 16	0 9	6 48	0 45	12 50	1 46	31 42	7 51	18 4	17 37	6 16		n.a.	M18
T 19	23 4	19 39	0 53	25 38	1 47	21 32	1 20	22 46	1 10	24 25	0 36	23 17	0 9	6 48	0 45	12 50	1 46	31 42	7 51	18 4	17 38	6 18		n.a.	T 19
W20	23 11	17 26	0n18	25 34	1 42	21 13	1 16	22 37	1 9	24 25	0 36	23 17	0 9	6 47	0 44	12 50	1 46	31 42	7 51	18 4	17 39	6 20		n.a.	W20
T 21	23 17	14 24	1 26	25 28	1 37	20 54	1 12	22 28	1 9	24 25	0 36	23 18	0 9	6 47	0 44	12 49	1 46	31 42	7 51	18 4	17 39	6 23		n.a.	T 21
F 22	23 22	10 48	2 27	25 20	1 30	20 34	1 8	22 19	1 8	24 25	0 36	23 19	0 9	6 47	0 44	12 49	1 46	31 42	7 51	18 4	17 40	6 25		n.a.	F 22
S 23	23 27	6 50	3 21	25 10	1 23	20 14	1 4	22 9	1 8	24 25	0 36	23 19	0 9	6 46	0 44	12 49	1 46	31 42	7 51	18 4	17 41	6 27		n.a.	S 23
S 24	23 32	2 40	4 5	24 58	1 15	19 53	1 0	22 0	1 7	24 25	0 36	23 20	0 9	6 46	0 44	12 48	1 46	31 42	7 51	18 4	17 42	6 29		n.a.	S 24
M25	23 36	1s33	4 38	24 44	1 6	19 32	0 56	21 50	1 7	24 25	0 37	23 20	0 9	6 45	0 44	12 48	1 46	31 42	7 51	18 5	17 43	6 32		n.a.	M25
T 26	23 39	5 42	4 59	24 28	0 57	19 11	0 51	21 39	1 6	24 25	0 37	23 21	0 9	6 45	0 44	12 47	1 46	31 42	7 51	18 6	17 44	6 34		n.a.	T 26
W27	23 43	9 39	5 8	24 10	0 46	18 49	0 47	21 29	1 6	24 25	0 37	23 22	0 9	6 44	0 44	12 47	1 46	31 42	7 51	18 8	17 45	6 36		n.a.	W27
T 28	23 45	13 15	5 2	23 51	0 34	18 26	0 42	21 18	1 5	24 25	0 37	23 22	0 9	6 44	0 44	12 46	1 45	31 42	7 51	18 10	17 46	6 38		n.a.	T 28
F 29	23 47	16 21	4 44	23 31	0 22	18 4	0 37	21 7	1 5	24 25	0 37	23 23	0 9	6 44	0 44	12 46	1 45	31 42	7 51	18 13	17 47	6 40		n.a.	F 29
S 30	23 49	18 47	4 12	23 10	0 9	17 41	0 32	20 56	1 4	24 24	0 37	23 23	0 8	6 43	0 44	12 45	1 45	31 42	7 51	18 15	17 47	6 43		n.a.	S 30
S 31	23s50	20s22	3n27	22s48	0n 6	17s17	0s27	20s45	1s 4	24n24	0n38	23s24	0n 8	6s42	0s44	12s45	1s45	31s42	7s51	18n17	17n48	6s45		n.a.	S 31

Julian Day Number = 1200545.5, Delta T = 09h22m58s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'10, Lahiri = -23°38'10 Julian Calendar 1 Dec. 1427 BCE == Greg. Calendar 18 Nov. 1427 BCE

The year -1426 astronomical counting style corresponds to year 1427 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

JANUARY 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 49 34	28♐48'49	9♑42	17♑ 1	15♒16	4♒13	25°R16	20♐59	14♓58	1♓34	1♑27	9°R 4	10♌50	29♎31	n.a.	M 1
T 2	5 53 30	29°49'32	22°32	17°55	16°19	4°59	25♊ 8	21° 6	14°59	1°35	1°28	9♌ 1	10°47	29°38	n.a.	T 2
W 3	5 57 27	0♑50'13	5♒34	18°41	17°21	5°44	25° 1	21°13	15° 0	1°36	1°30	8°D59	10°44	29°45	n.a.	W 3
T 4	6 1 23	1°50'52	18°48	19°18	18°23	6°29	24°53	21°20	15° 2	1°38	1°32	9° 0	10°41	29°51	n.a.	T 4
F 5	6 5 20	2°51'30	2♓14	19°46	19°25	7°14	24°45	21°27	15° 3	1°39	1°34	9° 1	10°38	29°58	n.a.	F 5
S 6	6 9 16	3°52'05	15°53	20° 3	20°26	8° 0	24°37	21°35	15° 5	1°40	1°36	9° 2	10°34	0♏ 5	n.a.	S 6
S 7	6 13 13	4°52'38	29°44	20°R10	21°27	8°45	24°29	21°42	15° 6	1°42	1°37	9°R 3	10°31	0°12	n.a.	S 7
M 8	6 17 10	5°53'09	13♈49	20° 7	22°27	9°30	24°22	21°49	15° 8	1°43	1°39	9° 3	10°28	0°18	n.a.	M 8
T 9	6 21 6	6°53'38	28° 6	19°54	23°27	10°15	24°14	21°56	15°10	1°45	1°41	9° 2	10°25	0°25	n.a.	T 9
W10	6 25 3	7°54'05	12♉32	19°30	24°27	11° 0	24° 6	22° 3	15°11	1°46	1°43	8°59	10°22	0°32	n.a.	W10
T 11	6 28 59	8°54'30	27° 4	18°57	25°25	11°45	23°59	22°10	15°13	1°48	1°45	8°55	10°18	0°38	n.a.	T 11
F 12	6 32 56	9°54'53	11♊35	18°16	26°24	12°30	23°51	22°17	15°15	1°49	1°46	8°50	10°15	0°45	n.a.	F 12
S 13	6 36 52	10°55'14	26° 0	17°27	27°22	13°15	23°44	22°24	15°17	1°51	1°48	8°46	10°12	0°52	n.a.	S 13
S 14	6 40 49	11°55'33	10♋13	16°32	28°19	14° 0	23°37	22°31	15°19	1°52	1°50	8°43	10° 9	0°59	n.a.	S 14
M15	6 44 45	12°55'50	24° 8	15°32	29°16	14°45	23°30	22°38	15°21	1°54	1°52	8°41	10° 6	1° 5	n.a.	M15
T 16	6 48 42	13°56'05	7♌43	14°28	0♓12	15°29	23°22	22°45	15°23	1°55	1°53	8°D40	10° 3	1°12	n.a.	T 16
W17	6 52 39	14°56'18	20°55	13°24	1° 8	16°14	23°15	22°52	15°25	1°57	1°55	8°40	9°59	1°19	n.a.	W17
T 18	6 56 35	15°56'30	3♍46	12°19	2° 3	16°59	23° 9	22°58	15°27	1°59	1°57	8°42	9°56	1°26	n.a.	T 18
F 19	7 0 32	16°56'39	16°17	11°16	2°58	17°44	23° 2	23° 5	15°29	2° 1	1°59	8°43	9°53	1°32	n.a.	F 19
S 20	7 4 28	17°56'47	28°32	10°16	3°51	18°28	22°55	23°12	15°31	2° 2	2° 0	8°45	9°50	1°39	n.a.	S 20
S 21	7 8 25	18°56'53	10♎34	9°20	4°45	19°13	22°49	23°19	15°33	2° 4	2° 2	8°46	9°47	1°46	n.a.	S 21
M22	7 12 21	19°56'58	22°29	8°29	5°37	19°57	22°42	23°26	15°35	2° 6	2° 4	8°R46	9°44	1°52	n.a.	M22
T 23	7 16 18	20°57'00	4♏22	7°44	6°29	20°42	22°36	23°32	15°38	2° 8	2° 6	8°45	9°40	1°59	n.a.	T 23
W24	7 20 14	21°57'01	16°16	7° 5	7°20	21°26	22°30	23°39	15°40	2° 9	2° 7	8°44	9°37	2° 6	n.a.	W24
T 25	7 24 11	22°57'00	28°16	6°33	8°10	22°11	22°24	23°46	15°42	2°11	2° 9	8°42	9°34	2°13	n.a.	T 25
F 26	7 28 7	23°56'57	10♐27	6° 7	8°59	22°55	22°18	23°52	15°45	2°13	2°11	8°40	9°31	2°19	n.a.	F 26
S 27	7 32 4	24°56'52	22°51	5°49	9°48	23°39	22°12	23°59	15°47	2°15	2°12	8°38	9°28	2°26	n.a.	S 27
S 28	7 36 1	25°56'46	5♑29	5°37	10°35	24°24	22° 6	24° 5	15°50	2°17	2°14	8°36	9°24	2°33	n.a.	S 28
M29	7 39 57	26°56'37	18°24	5°D31	11°22	25° 8	22° 1	24°12	15°52	2°19	2°16	8°34	9°21	2°39	n.a.	M29
T 30	7 43 54	27°56'26	1♒35	5°32	12° 8	25°52	21°56	24°18	15°55	2°21	2°17	8°34	9°18	2°46	n.a.	T 30
W31	7 47 50	28♑56'13	15♒ 1	5♑39	12♓53	26♒36	21♊51	24♐25	15♓57	2♓23	2♑19	8°D34	9♌15	2♏53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23s51	20s58	2n32	22s25	0n21	16s54	0s22	20s34	1s 3	24n24	0n38	23s25	0n 8	6s42	0s44	12s44	1s45	31s42	7s51	18n18	17n49	6s47			n.a.
T 2	23 52	20 29	1 28	22 2	0 36	16 30	0 17	20 22	1 2	24 24	0 38	23 25	0 8	6 41	0 44	12 44	1 45	31 42	7 51	18 19	17 50	6 49			n.a.
W 3	23 51	18 55	0 19	21 40	0 53	16 5	0 12	20 10	1 2	24 24	0 38	23 26	0 8	6 41	0 44	12 43	1 45	31 42	7 51	18 20	17 51	6 51			n.a.
T 4	23 51	16 18	0s53	21 18	1 9	15 41	0 6	19 58	1 1	24 24	0 38	23 26	0 8	6 40	0 44	12 43	1 45	31 42	7 51	18 19	17 52	6 54			n.a.
F 5	23 50	12 46	2 3	20 57	1 26	15 16	0 0	19 46	1 1	24 23	0 38	23 27	0 8	6 40	0 44	12 42	1 45	31 42	7 51	18 19	17 53	6 56			n.a.
S 6	23 48	8 32	3 7	20 37	1 44	14 51	0n 5	19 33	1 0	24 23	0 38	23 27	0 8	6 39	0 44	12 42	1 45	31 42	7 51	18 19	17 54	6 58			n.a.
S 7	23 46	3 47	4 2	20 19	2 1	14 26	0 11	19 21	1 0	24 23	0 38	23 28	0 8	6 38	0 44	12 41	1 45	31 42	7 51	18 18	17 55	7 0			n.a.
M 8	23 44	1n13	4 43	20 3	2 18	14 0	0 17	19 8	0 59	24 23	0 39	23 28	0 8	6 38	0 44	12 41	1 45	31 42	7 51	18 18	17 55	7 2			n.a.
T 9	23 41	6 13	5 7	19 49	2 34	13 34	0 23	18 55	0 58	24 23	0 39	23 29	0 8	6 37	0 44	12 40	1 45	31 42	7 51	18 19	17 56	7 5			n.a.
W10	23 37	10 56	5 12	19 37	2 50	13 9	0 30	18 42	0 58	24 22	0 39	23 29	0 8	6 36	0 44	12 40	1 45	31 42	7 52	18 20	17 57	7 7			n.a.
T 11	23 33	15 2	4 57	19 28	3 4	12 43	0 36	18 29	0 57	24 22	0 39	23 30	0 8	6 35	0 44	12 39	1 45	31 43	7 52	18 21	17 58	7 9			n.a.
F 12	23 29	18 14	4 23	19 20	3 17	12 16	0 42	18 15	0 57	24 22	0 39	23 30	0 7	6 35	0 44	12 38	1 45	31 43	7 52	18 22	17 59	7 11			n.a.
S 13	23 24	20 15	3 33	19 16	3 28	11 50	0 49	18 2	0 56	24 22	0 39	23 31	0 7	6 34	0 44	12 38	1 45	31 43	7 52	18 23	18 0	7 14			n.a.
S 14	23 19	20 58	2 30	19 13	3 38	11 24	0 56	17 48	0 55	24 21	0 39	23 31	0 7	6 33	0 43	12 37	1 45	31 43	7 52	18 24	18 1	7 16			n.a.
M15	23 13	20 22	1 19	19 13	3 45	10 57	1 2	17 34	0 55	24 21	0 39	23 32	0 7	6 32	0 43	12 37	1 45	31 43	7 52	18 25	18 2	7 18			n.a.
T 16	23 7	18 35	0 5	19 15	3 50	10 31	1 9	17 20	0 54	24 21	0 39	23 32	0 7	6 32	0 43	12 36	1 45	31 43	7 52	18 25	18 2	7 20			n.a.
W17	23 0	15 50	1n 7	19 18	3 53	10 5	1 16	17 6	0 54	24 21	0 39	23 33	0 7	6 31	0 43	12 35	1 45	31 43	7 52	18 25	18 3	7 22			n.a.
T 18	22 53	12 22	2 14	19 24	3 54	9 38	1 23	16 52	0 53	24 20	0 40	23 33	0 7	6 30	0 43	12 35	1 45	31 43	7 52	18 24	18 4	7 25			n.a.
F 19	22 46	8 27	3 13	19 30	3 53	9 11	1 31	16 37	0 52	24 20	0 40	23 34	0 7	6 29	0 43	12 34	1 45	31 43	7 52	18 24	18 5	7 27			n.a.
S 20	22 38	4 16	4 1	19 39	3 50	8 45	1 38	16 23	0 52	24 20	0 40	23 34	0 7	6 28	0 43	12 33	1 44	31 43	7 53	18 23	18 6	7 29			n.a.
S 21	22 30	0s 0	4 38	19 48	3 44	8 18	1 45	16 8	0 51	24 19	0 40	23 35	0 7	6 27	0 43	12 33	1 44	31 43	7 53	18 23	18 7	7 31			n.a.
M22	22 21	4 13	5 3	19 58	3 37	7 52	1 53	15 53	0 51	24 19	0 40	23 35	0 7	6 26	0 43	12 32	1 44	31 43	7 53	18 23	18 8	7 33			n.a.
T 23	22 12	8 16	5 15	20 9	3 29	7 26	2 1	15 38	0 50	24 19	0 40	23 35	0 7	6 25	0 43	12 31	1 44	31 43	7 53	18 23	18 8	7 36			n.a.
W24	22 2	12 0	5 13	20 21	3 19	6 59	2 8	15 23	0 49	24 19	0 40	23 36	0 7	6 24	0 43	12 31	1 44	31 44	7 53	18 24	18 9	7 38			n.a.
T 25	21 52	15 18	4 57	20 33	3 9	6 33	2 16	15 8	0 49	24 18	0 40	23 36	0 7	6 24	0 43	12 30	1 44	31 44	7 53	18 24	18 10	7 40			n.a.
F 26	21 42	17 59	4 28	20 46	2 57	6 7	2 24	14 52	0 48	24 18	0 40	23 37	0 6	6 23	0 43	12 29	1 44	31 44	7 53	18 25	18 11	7 42			n.a.
S 27	21 31	19 54	3 47	20 59	2 45	5 41	2 32	14 37	0 48	24 18	0 40	23 37	0 6	6 22	0 43	12 28	1 44	31 44	7 53	18 25	18 12	7 44			n.a.
S 28	21 20	20 52	2 53	21 12	2 33	5 16	2 40	14 21	0 47	24 17	0 40	23 37	0 6	6 21	0 43	12 28	1 44	31 44	7 54	18 26	18 13	7 47			n.a.
M29	21 8	20 46	1 49	21 25	2 20	4 50	2 48	14 6	0 46	24 17	0 40	23 38	0 6	6 20	0 43	12 27	1 44	31 44	7 54	18 26	18 14	7 49			n.a.
T 30	20 56	19 32	0 39	21 38	2 7	4 25	2 57	13 50	0 46	24 17	0 40	23 38	0 6	6 19	0 43	12 26	1 44	31 44	7 54	18 26	18 14	7 51			n.a.
W31	20s44	17s11	0s36	21s51	1n54	4s 0	3n 5	13s34	0s45	24n17	0n40	23s38	0n 6	6s17	0s43	12s26	1s44	31s44	7s54	18n26	18n15	7s53			n.a.

Julian Day Number = 1200576.5, Delta T = 09h22m57s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'06, Lahiri = -23°38'05 Julian Calendar 1 Jan. 1426 BCE == Greg. Calendar 19 Dec. 1427 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

FEBRUARY 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 51 47	29♉55'58	28♒41	5♉52	13♓37	27♒20	21°R46	24♐31	16♓ 0	2♓25	2♉21	8♌34	9♌12	3♏ 0	n.a.	T 1
F 2	7 55 43	0♒55'40	12♓33	6°10	14°19	28° 4	21♊41	24°37	16° 2	2°27	2°22	8°35	9° 9	3° 6	n.a.	F 2
S 3	7 59 40	1°55'20	26°33	6°33	15° 1	28°48	21°36	24°44	16° 5	2°29	2°24	8°36	9° 5	3°13	n.a.	S 3
S 4	8 3 36	2°54'57	10♈40	7° 1	15°42	29°32	21°32	24°50	16° 8	2°31	2°26	8°36	9° 2	3°20	n.a.	S 4
M 5	8 7 33	3°54'32	24°51	7°34	16°21	0♓16	21°27	24°56	16°11	2°33	2°27	8°36	8°59	3°27	n.a.	M 5
T 6	8 11 30	4°54'05	9♉ 3	8°10	16°59	1° 0	21°23	25° 2	16°13	2°35	2°29	8°R36	8°56	3°33	n.a.	T 6
W 7	8 15 26	5°53'35	23°15	8°51	17°36	1°44	21°19	25° 8	16°16	2°37	2°30	8°36	8°53	3°40	n.a.	W 7
T 8	8 19 23	6°53'03	7♊24	9°36	18°12	2°28	21°15	25°14	16°19	2°39	2°32	8°36	8°50	3°47	n.a.	T 8
F 9	8 23 19	7°52'28	21°28	10°24	18°46	3°11	21°12	25°20	16°22	2°41	2°33	8°36	8°46	3°53	n.a.	F 9
S 10	8 27 16	8°51'51	5♋23	11°15	19°18	3°55	21° 8	25°26	16°25	2°43	2°35	8°D36	8°43	4° 0	n.a.	S 10
S 11	8 31 12	9°51'11	19° 7	12°10	19°49	4°39	21° 5	25°32	16°27	2°45	2°36	8°36	8°40	4° 7	n.a.	S 11
M12	8 35 9	10°50'29	2♌38	13° 7	20°19	5°22	21° 2	25°38	16°30	2°47	2°38	8°R36	8°37	4°14	n.a.	M12
T 13	8 39 5	11°49'45	15°54	14° 7	20°47	6° 6	20°59	25°43	16°33	2°49	2°39	8°36	8°34	4°20	n.a.	T 13
W14	8 43 2	12°48'59	28°54	15°10	21°13	6°49	20°56	25°49	16°36	2°51	2°41	8°36	8°30	4°27	n.a.	W14
T 15	8 46 58	13°48'10	11♍37	16°15	21°38	7°33	20°54	25°55	16°39	2°54	2°42	8°36	8°27	4°34	n.a.	T 15
F 16	8 50 55	14°47'19	24° 5	17°23	22° 1	8°16	20°51	26° 0	16°42	2°56	2°44	8°35	8°24	4°41	n.a.	F 16
S 17	8 54 52	15°46'26	6♎19	18°33	22°22	8°59	20°49	26° 6	16°45	2°58	2°45	8°34	8°21	4°47	n.a.	S 17
S 18	8 58 48	16°45'32	18°23	19°45	22°41	9°43	20°47	26°11	16°48	3° 0	2°46	8°33	8°18	4°54	n.a.	S 18
M19	9 2 45	17°44'35	0♏19	20°59	22°58	10°26	20°45	26°17	16°51	3° 2	2°48	8°32	8°15	5° 1	n.a.	M19
T 20	9 6 41	18°43'36	12°12	22°16	23°13	11° 9	20°44	26°22	16°55	3° 5	2°49	8°32	8°11	5° 7	n.a.	T 20
W21	9 10 38	19°42'36	24° 7	23°34	23°26	11°52	20°42	26°27	16°58	3° 7	2°50	8°D32	8° 8	5°14	n.a.	W21
T 22	9 14 34	20°41'34	6♐ 7	24°54	23°37	12°35	20°41	26°33	17° 1	3° 9	2°52	8°32	8° 5	5°21	n.a.	T 22
F 23	9 18 31	21°40'29	18°19	26°16	23°46	13°18	20°40	26°38	17° 4	3°11	2°53	8°33	8° 2	5°28	n.a.	F 23
S 24	9 22 27	22°39'23	0♑44	27°39	23°52	14° 1	20°39	26°43	17° 7	3°13	2°54	8°34	7°59	5°34	n.a.	S 24
S 25	9 26 24	23°38'15	13°29	29° 4	23°56	14°44	20°39	26°48	17°10	3°16	2°56	8°35	7°55	5°41	n.a.	S 25
M26	9 30 21	24°37'05	26°33	0♒31	23°R58	15°27	20°38	26°53	17°14	3°18	2°57	8°36	7°52	5°48	n.a.	M26
T 27	9 34 17	25°35'53	10♒ 0	2° 0	23°57	16°10	20°38	26°58	17°17	3°20	2°58	8°R37	7°49	5°55	n.a.	T 27
W28	9 38 14	26♒34'38	23♒47	3♒30	23♓54	16♓53	20°D38	27♐ 3	17♓20	3♓22	2♉59	8♌36	7♌46	6♏ 1	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s31	13s50	1s49	22s 3	1n41	3s35	3n14	13s18	0s44	24n16	0n40	23s39	0n 6	6s16	0s43	12s25	1s44	31s45	7s54	18n26	18n16	7s55			n.a.
F 2	20 18	9 42	2 57	22 15	1 28	3 11	3 22	13 2	0 44	24 16	0 41	23 39	0 6	6 15	0 43	12 24	1 44	31 45	7 54	18 26	18 17	7 58			n.a.
S 3	20 5	4 59	3 56	22 27	1 15	2 46	3 31	12 46	0 43	24 16	0 41	23 39	0 6	6 14	0 43	12 23	1 44	31 45	7 55	18 26	18 18	8 0			n.a.
S 4	19 51	0n 0	4 40	22 38	1 2	2 23	3 39	12 30	0 43	24 16	0 41	23 40	0 6	6 13	0 43	12 23	1 44	31 45	7 55	18 26	18 19	8 2			n.a.
M 5	19 37	5 1	5 8	22 49	0 50	1 59	3 48	12 13	0 42	24 15	0 41	23 40	0 6	6 12	0 43	12 22	1 44	31 45	7 55	18 26	18 20	8 4			n.a.
T 6	19 23	9 46	5 17	22 59	0 37	1 36	3 57	11 57	0 41	24 15	0 41	23 40	0 6	6 11	0 43	12 21	1 44	31 45	7 55	18 26	18 20	8 6			n.a.
W 7	19 8	13 58	5 7	23 8	0 26	1 13	4 6	11 41	0 41	24 15	0 41	23 41	0 6	6 10	0 43	12 20	1 44	31 45	7 55	18 26	18 21	8 9			n.a.
T 8	18 53	17 22	4 38	23 16	0 14	0 51	4 15	11 24	0 40	24 15	0 41	23 41	0 5	6 9	0 43	12 19	1 44	31 45	7 55	18 26	18 22	8 11			n.a.
F 9	18 37	19 43	3 53	23 24	0 3	0 30	4 23	11 7	0 39	24 14	0 41	23 41	0 5	6 8	0 43	12 19	1 44	31 46	7 56	18 26	18 23	8 13			n.a.
S 10	18 22	20 51	2 54	23 30	0s 8	0 8	4 32	10 51	0 39	24 14	0 41	23 41	0 5	6 6	0 43	12 18	1 44	31 46	7 56	18 26	18 24	8 15			n.a.
S 11	18 6	20 43	1 46	23 36	0 18	0n12	4 41	10 34	0 38	24 14	0 41	23 42	0 5	6 5	0 43	12 17	1 44	31 46	7 56	18 26	18 25	8 17			n.a.
M12	17 49	19 23	0 33	23 40	0 28	0 32	4 50	10 17	0 38	24 14	0 41	23 42	0 5	6 4	0 43	12 16	1 44	31 46	7 56	18 26	18 26	8 20			n.a.
T 13	17 33	17 0	0n40	23 44	0 38	0 52	4 59	10 0	0 37	24 14	0 41	23 42	0 5	6 3	0 43	12 15	1 44	31 46	7 56	18 26	18 26	8 22			n.a.
W14	17 16	13 47	1 50	23 46	0 47	1 10	5 8	9 43	0 36	24 14	0 41	23 43	0 5	6 2	0 43	12 15	1 44	31 46	7 57	18 26	18 27	8 24			n.a.
T 15	16 58	9 59	2 53	23 47	0 56	1 28	5 17	9 26	0 36	24 13	0 41	23 43	0 5	6 1	0 43	12 14	1 44	31 47	7 57	18 26	18 28	8 26			n.a.
F 16	16 41	5 50	3 46	23 46	1 4	1 45	5 26	9 9	0 35	24 13	0 41	23 43	0 5	5 59	0 42	12 13	1 44	31 47	7 57	18 26	18 29	8 28			n.a.
S 17	16 23	1 32	4 28	23 45	1 12	2 2	5 35	8 52	0 34	24 13	0 41	23 43	0 5	5 58	0 42	12 12	1 44	31 47	7 57	18 26	18 30	8 31			n.a.
S 18	16 5	2s45	4 57	23 42	1 20	2 18	5 44	8 35	0 34	24 13	0 41	23 44	0 5	5 57	0 42	12 11	1 44	31 47	7 57	18 27	18 31	8 33			n.a.
M19	15 47	6 54	5 13	23 37	1 27	2 32	5 52	8 18	0 33	24 13	0 41	23 44	0 5	5 56	0 42	12 11	1 44	31 47	7 58	18 27	18 31	8 35			n.a.
T 20	15 29	10 46	5 16	23 31	1 34	2 46	6 1	8 1	0 32	24 13	0 41	23 44	0 5	5 54	0 42	12 10	1 44	31 47	7 58	18 27	18 32	8 37			n.a.
W21	15 10	14 12	5 5	23 24	1 40	2 59	6 10	7 43	0 32	24 13	0 41	23 44	0 5	5 53	0 42	12 9	1 44	31 48	7 58	18 27	18 33	8 39			n.a.
T 22	14 51	17 6	4 41	23 15	1 46	3 11	6 18	7 26	0 31	24 13	0 41	23 44	0 4	5 52	0 42	12 8	1 44	31 48	7 58	18 27	18 34	8 42			n.a.
F 23	14 32	19 18	4 4	23 5	1 51	3 22	6 26	7 9	0 31	24 13	0 41	23 45	0 4	5 51	0 42	12 7	1 44	31 48	7 58	18 27	18 35	8 44			n.a.
S 24	14 12	20 37	3 14	22 53	1 56	3 32	6 34	6 51	0 30	24 12	0 41	23 45	0 4	5 49	0 42	12 6	1 44	31 48	7 59	18 26	18 36	8 46			n.a.
S 25	13 53	20 56	2 15	22 40	2 0	3 41	6 42	6 34	0 29	24 12	0 41	23 45	0 4	5 48	0 42	12 6	1 44	31 48	7 59	18 26	18 36	8 48			n.a.
M26	13 33	20 8	1 6	22 25	2 4	3 48	6 49	6 16	0 29	24 12	0 41	23 45	0 4	5 47	0 42	12 5	1 44	31 49	7 59	18 26	18 37	8 50			n.a.
T 27	13 13	18 11	0s 8	22 8	2 7	3 55	6 56	5 59	0 28	24 12	0 41	23 45	0 4	5 45	0 42	12 4	1 44	31 49	7 59	18 26	18 38	8 53			n.a.
W28	12s52	15s 8	1s23	21s49	2s10	4n 0	7n 3	5s41	0s27	24n12	0n41	23s46	0n 4	5s44	0s42	12s 3	1s44	31s49	8s 0	18n26	18n39	8s55			n.a.

Julian Day Number = 1200607.5, Delta T = 09h22m55s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°45'02, Lahiri = -23°38'01 Julian Calendar 1 Feb. 1426 BCE == Greg. Calendar 19 Jan. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

MARCH 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 42 10	27♒33'22	7♓53	5♒ 2	23°R49	17♓36	20♊38	27♐ 7	17♓23	3♓25	3♑ 0	8°R35	7♌43	6♏ 8	n.a.	T 1
F 2	9 46 7	28°32'03	22°13	6°36	23♓41	18°18	20°38	27°12	17°27	3°27	3° 2	8♌32	7°40	6°15	n.a.	F 2
S 3	9 50 3	29°30'43	6♈42	8°11	23°30	19° 1	20°39	27°17	17°30	3°29	3° 3	8°30	7°36	6°21	n.a.	S 3
S 4	9 54 0	0♓29'19	21°13	9°48	23°17	19°44	20°39	27°21	17°33	3°31	3° 4	8°27	7°33	6°28	n.a.	S 4
M 5	9 57 56	1°27'54	5♉42	11°26	23° 2	20°26	20°40	27°25	17°37	3°34	3° 5	8°24	7°30	6°35	n.a.	M 5
T 6	10 1 53	2°26'26	20° 3	13° 6	22°44	21° 9	20°41	27°30	17°40	3°36	3° 6	8°23	7°27	6°42	n.a.	T 6
W 7	10 5 49	3°24'56	4♊14	14°48	22°24	21°51	20°43	27°34	17°43	3°38	3° 7	8°D22	7°24	6°48	n.a.	W 7
T 8	10 9 46	4°23'24	18°12	16°31	22° 1	22°34	20°44	27°38	17°47	3°40	3° 8	8°23	7°21	6°55	n.a.	T 8
F 9	10 13 43	5°21'49	1♋57	18°15	21°37	23°16	20°46	27°43	17°50	3°43	3° 9	8°24	7°17	7° 2	n.a.	F 9
S 10	10 17 39	6°20'12	15°29	20° 2	21°10	23°58	20°47	27°47	17°53	3°45	3°10	8°26	7°14	7° 8	n.a.	S 10
S 11	10 21 36	7°18'33	28°47	21°50	20°41	24°41	20°49	27°51	17°57	3°47	3°11	8°27	7°11	7°15	n.a.	S 11
M12	10 25 32	8°16'51	11♌53	23°39	20°10	25°23	20°51	27°54	18° 0	3°49	3°12	8°R27	7° 8	7°22	n.a.	M12
T 13	10 29 29	9°15'07	24°46	25°31	19°38	26° 5	20°54	27°58	18° 4	3°52	3°13	8°26	7° 5	7°29	n.a.	T 13
W14	10 33 25	10°13'22	7♍28	27°23	19° 4	26°47	20°56	28° 2	18° 7	3°54	3°14	8°23	7° 1	7°35	n.a.	W14
T 15	10 37 22	11°11'34	19°58	29°18	18°29	27°29	20°59	28° 6	18°10	3°56	3°15	8°19	6°58	7°42	n.a.	T 15
F 16	10 41 18	12° 9'45	2♎17	1♓14	17°52	28°11	21° 2	28° 9	18°14	3°58	3°15	8°14	6°55	7°49	n.a.	F 16
S 17	10 45 15	13° 7'53	14°26	3°12	17°15	28°53	21° 5	28°13	18°17	4° 1	3°16	8° 8	6°52	7°56	n.a.	S 17
S 18	10 49 11	14° 6'00	26°27	5°11	16°37	29°35	21° 8	28°16	18°21	4° 3	3°17	8° 1	6°49	8° 2	n.a.	S 18
M19	10 53 8	15° 4'05	8♏22	7°12	15°59	0♈17	21°11	28°19	18°24	4° 5	3°18	7°56	6°46	8° 9	n.a.	M19
T 20	10 57 5	16° 2'09	20°15	9°14	15°21	0°59	21°15	28°23	18°28	4° 7	3°19	7°51	6°42	8°16	n.a.	T 20
W21	11 1 1	17° 0'11	2♐ 8	11°18	14°43	1°41	21°19	28°26	18°31	4°10	3°19	7°48	6°39	8°22	n.a.	W21
T 22	11 4 58	17°58'12	14° 7	13°23	14° 5	2°23	21°23	28°29	18°34	4°12	3°20	7°D47	6°36	8°29	n.a.	T 22
F 23	11 8 54	18°56'11	26°16	15°29	13°28	3° 5	21°27	28°32	18°38	4°14	3°21	7°47	6°33	8°36	n.a.	F 23
S 24	11 12 51	19°54'08	8♑40	17°37	12°52	3°46	21°31	28°35	18°41	4°16	3°21	7°48	6°30	8°43	n.a.	S 24
S 25	11 16 47	20°52'04	21°24	19°45	12°17	4°28	21°35	28°38	18°45	4°18	3°22	7°50	6°27	8°49	n.a.	S 25
M26	11 20 44	21°49'59	4♒30	21°54	11°43	5°10	21°40	28°40	18°48	4°21	3°22	7°R51	6°23	8°56	n.a.	M26
T 27	11 24 40	22°47'52	18° 3	24° 4	11°11	5°51	21°44	28°43	18°52	4°23	3°23	7°50	6°20	9° 3	n.a.	T 27
W28	11 28 37	23°45'44	2♓ 2	26°13	10°40	6°33	21°49	28°45	18°55	4°25	3°24	7°48	6°17	9°10	n.a.	W28
T 29	11 32 33	24°43'34	16°25	28°23	10°11	7°14	21°54	28°48	18°58	4°27	3°24	7°44	6°14	9°16	n.a.	T 29
F 30	11 36 30	25°41'22	1♈ 8	0♈33	9°44	7°56	21°59	28°50	19° 2	4°29	3°25	7°38	6°11	9°23	n.a.	F 30
S 31	11 40 27	26♓39'09	16♈ 2	2♈42	9♓20	8♈37	22♊ 5	28♐52	19♓ 5	4♓31	3♑25	7♌30	6♌ 7	9♏30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12s32	11s 9	2s34	21s29	2s13	4n 3	7n10	5s24	0s27	24n12	0n41	23s46	0n 4	5s43	0s42	12s 2	1s44	31s49	8s 0	18n26	18n40	8s57			n.a.
F 2	12 11	6 28	3 38	21 7	2 15	4 6	7 16	5 6	0 26	24 12	0 41	23 46	0 4	5 41	0 42	12 2	1 44	31 49	8 0	18 27	18 41	8 59			n.a.
S 3	11 51	1 23	4 27	20 44	2 16	4 7	7 22	4 49	0 25	24 12	0 41	23 46	0 4	5 40	0 42	12 1	1 44	31 50	8 0	18 28	18 41	9 1			n.a.
S 4	11 30	3n47	5 0	20 19	2 17	4 7	7 27	4 31	0 25	24 13	0 41	23 46	0 4	5 39	0 42	12 0	1 44	31 50	8 1	18 28	18 42	9 4			n.a.
M 5	11 9	8 43	5 14	19 52	2 18	4 5	7 32	4 13	0 24	24 13	0 41	23 47	0 4	5 37	0 42	11 59	1 44	31 50	8 1	18 29	18 43	9 6			n.a.
T 6	10 47	13 8	5 8	19 23	2 18	4 1	7 36	3 56	0 24	24 13	0 41	23 47	0 4	5 36	0 42	11 58	1 44	31 50	8 1	18 29	18 44	9 8			n.a.
W 7	10 26	16 44	4 43	18 52	2 17	3 57	7 39	3 38	0 23	24 13	0 41	23 47	0 3	5 35	0 42	11 57	1 44	31 51	8 1	18 29	18 45	9 10			n.a.
T 8	10 4	19 19	4 2	18 20	2 16	3 50	7 42	3 21	0 22	24 13	0 41	23 47	0 3	5 33	0 42	11 57	1 44	31 51	8 1	18 29	18 46	9 12			n.a.
F 9	9 42	20 44	3 7	17 45	2 15	3 43	7 44	3 3	0 22	24 13	0 41	23 47	0 3	5 32	0 42	11 56	1 44	31 51	8 2	18 29	18 46	9 15			n.a.
S 10	9 21	20 55	2 3	17 9	2 13	3 33	7 46	2 45	0 21	24 13	0 41	23 47	0 3	5 31	0 42	11 55	1 44	31 51	8 2	18 29	18 47	9 17			n.a.
S 11	8 59	19 54	0 53	16 31	2 10	3 23	7 47	2 28	0 20	24 13	0 41	23 47	0 3	5 29	0 42	11 54	1 44	31 51	8 2	18 28	18 48	9 19			n.a.
M12	8 37	17 50	0n19	15 51	2 7	3 10	7 47	2 10	0 20	24 13	0 41	23 48	0 3	5 28	0 42	11 53	1 44	31 52	8 3	18 28	18 49	9 21			n.a.
T 13	8 14	14 52	1 28	15 10	2 3	2 57	7 46	1 52	0 19	24 14	0 41	23 48	0 3	5 27	0 42	11 52	1 44	31 52	8 3	18 28	18 50	9 23			n.a.
W14	7 52	11 16	2 32	14 27	1 59	2 42	7 44	1 35	0 19	24 14	0 41	23 48	0 3	5 25	0 42	11 52	1 44	31 52	8 3	18 29	18 51	9 25			n.a.
T 15	7 30	7 12	3 27	13 41	1 54	2 26	7 42	1 17	0 18	24 14	0 41	23 48	0 3	5 24	0 42	11 51	1 44	31 52	8 3	18 30	18 51	9 28			n.a.
F 16	7 7	2 55	4 12	12 54	1 48	2 8	7 38	1 0	0 17	24 14	0 41	23 48	0 3	5 23	0 42	11 50	1 44	31 53	8 4	18 32	18 52	9 30			n.a.
S 17	6 44	1s25	4 45	12 6	1 42	1 50	7 34	0 42	0 17	24 14	0 41	23 48	0 3	5 21	0 42	11 49	1 44	31 53	8 4	18 33	18 53	9 32			n.a.
S 18	6 22	5 40	5 4	11 15	1 36	1 30	7 29	0 25	0 16	24 14	0 41	23 48	0 3	5 20	0 42	11 48	1 44	31 53	8 4	18 35	18 54	9 34			n.a.
M19	5 59	9 39	5 10	10 24	1 29	1 10	7 23	0 7	0 15	24 15	0 41	23 48	0 3	5 18	0 42	11 47	1 44	31 53	8 4	18 36	18 55	9 36			n.a.
T 20	5 36	13 15	5 3	9 30	1 21	0 49	7 16	0n10	0 15	24 15	0 41	23 49	0 2	5 17	0 42	11 47	1 44	31 54	8 5	18 38	18 55	9 39			n.a.
W21	5 13	16 20	4 43	8 35	1 13	0 27	7 9	0 28	0 14	24 15	0 41	23 49	0 2	5 16	0 42	11 46	1 44	31 54	8 5	18 38	18 56	9 41			n.a.
T 22	4 50	18 45	4 10	7 38	1 5	0 5	7 0	0 45	0 14	24 15	0 41	23 49	0 2	5 14	0 42	11 45	1 44	31 54	8 5	18 39	18 57	9 43			n.a.
F 23	4 27	20 22	3 26	6 41	0 56	0s18	6 51	1 3	0 13	24 16	0 41	23 49	0 2	5 13	0 42	11 44	1 44	31 54	8 5	18 39	18 58	9 45			n.a.
S 24	4 4	21 3	2 31	5 42	0 47	0 41	6 41	1 20	0 12	24 16	0 41	23 49	0 2	5 12	0 42	11 43	1 44	31 55	8 6	18 38	18 59	9 47			n.a.
S 25	3 41	20 41	1 28	4 42	0 37	1 4	6 31	1 38	0 12	24 16	0 41	23 49	0 2	5 10	0 42	11 43	1 44	31 55	8 6	18 38	18 59	9 49			n.a.
M26	3 18	19 11	0 18	3 41	0 27	1 27	6 20	1 55	0 11	24 16	0 41	23 49	0 2	5 9	0 42	11 42	1 44	31 55	8 6	18 38	19 0	9 52			n.a.
T 27	2 54	16 34	0s55	2 39	0 17	1 50	6 9	2 12	0 10	24 17	0 41	23 49	0 2	5 7	0 42	11 41	1 44	31 55	8 7	18 38	19 1	9 54			n.a.
W28	2 31	12 54	2 7	1 37	0 6	2 12	5 57	2 30	0 10	24 17	0 41	23 50	0 2	5 6	0 42	11 40	1 44	31 56	8 7	18 38	19 2	9 56			n.a.
T 29	2 8	8 24	3 13	0 35	0n 4	2 35	5 44	2 47	0 9	24 17	0 41	23 50	0 2	5 5	0 42	11 39	1 44	31 56	8 7	18 40	19 3	9 58			n.a.
F 30	1 45	3 19	4 7	0n27	0 15	2 56	5 32	3 4	0 9	24 18	0 41	23 50	0 2	5 3	0 42	11 39	1 44	31 56	8 7	18 41	19 3	10 0			n.a.
S 31	1s21	2n 2	4s46	1n29	0n26	3s18	5n19	3n21	0s 8	24n18	0n41	23s50	0n 2	5s 2	0s42	11s38	1s44	31s56	8s 8	18n43	19n 4	10s 3			n.a.

Julian Day Number = 1200635.5, Delta T = 09h22m53s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'58, Lahiri = -23°37'57 Julian Calendar 1 March 1426 BCE == Greg. Calendar 16 Feb. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

APRIL 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 44 23	27♓36'54	1♉ 0	4♈50	8°R57	9♈18	22♊10	28♐55	19♓ 9	4♓34	3♑25	7°R23	6♌ 4	9♏36	n.a.	S 1
M 2	11 48 20	28°34'37	15°51	6°58	8♓36	10° 0	22°16	28°57	19°12	4°36	3°26	7♌16	6° 1	9°43	n.a.	M 2
T 3	11 52 16	29°32'19	0♊30	9° 3	8°18	10°41	22°22	28°59	19°16	4°38	3°26	7°11	5°58	9°50	n.a.	T 3
W 4	11 56 13	0♈29'59	14°50	11° 8	8° 3	11°22	22°28	29° 0	19°19	4°40	3°27	7° 8	5°55	9°57	n.a.	W 4
T 5	12 0 9	1°27'38	28°49	13°10	7°49	12° 3	22°34	29° 2	19°22	4°42	3°27	7°D 7	5°52	10° 3	n.a.	T 5
F 6	12 4 6	2°25'14	12♋27	15°10	7°38	12°45	22°40	29° 4	19°26	4°44	3°27	7° 7	5°48	10°10	n.a.	F 6
S 7	12 8 2	3°22'49	25°46	17° 8	7°30	13°26	22°46	29° 5	19°29	4°46	3°28	7° 8	5°45	10°17	n.a.	S 7
S 8	12 11 59	4°20'22	8♌48	19° 3	7°24	14° 7	22°53	29° 7	19°32	4°48	3°28	7°R 9	5°42	10°23	n.a.	S 8
M 9	12 15 56	5°17'53	21°35	20°56	7°20	14°48	22°59	29° 8	19°36	4°50	3°28	7° 7	5°39	10°30	n.a.	M 9
T 10	12 19 52	6°15'23	4♍10	22°46	7°D19	15°29	23° 6	29°10	19°39	4°52	3°28	7° 4	5°36	10°37	n.a.	T 10
W11	12 23 49	7°12'52	16°34	24°33	7°20	16°10	23°13	29°11	19°42	4°54	3°28	6°59	5°32	10°44	n.a.	W11
T 12	12 27 45	8°10'19	28°50	26°18	7°23	16°50	23°20	29°12	19°46	4°56	3°29	6°50	5°29	10°50	n.a.	T 12
F 13	12 31 42	9° 7'45	10♎58	27°59	7°28	17°31	23°27	29°13	19°49	4°58	3°29	6°40	5°26	10°57	n.a.	F 13
S 14	12 35 38	10° 5'09	23° 0	29°37	7°36	18°12	23°35	29°14	19°52	5° 0	3°29	6°29	5°23	11° 4	n.a.	S 14
S 15	12 39 35	11° 2'33	4♏57	1♉12	7°46	18°53	23°42	29°15	19°56	5° 2	3°29	6°17	5°20	11°11	n.a.	S 15
M16	12 43 31	11°59'55	16°50	2°44	7°58	19°34	23°50	29°15	19°59	5° 4	3°29	6° 6	5°17	11°17	n.a.	M16
T 17	12 47 28	12°57'17	28°42	4°13	8°12	20°14	23°57	29°16	20° 2	5° 6	3°R29	5°56	5°13	11°24	n.a.	T 17
W18	12 51 25	13°54'37	10♐35	5°38	8°28	20°55	24° 5	29°16	20° 5	5° 7	3°29	5°49	5°10	11°31	n.a.	W18
T 19	12 55 21	14°51'57	22°33	7° 0	8°46	21°35	24°13	29°17	20° 8	5° 9	3°29	5°45	5° 7	11°37	n.a.	T 19
F 20	12 59 18	15°49'16	4♑40	8°19	9° 6	22°16	24°21	29°17	20°12	5°11	3°29	5°42	5° 4	11°44	n.a.	F 20
S 21	13 3 14	16°46'34	17° 1	9°35	9°28	22°57	24°29	29°17	20°15	5°13	3°29	5°D42	5° 1	11°51	n.a.	S 21
S 22	13 7 11	17°43'52	29°41	10°47	9°51	23°37	24°38	29°17	20°18	5°15	3°29	5°R42	4°58	11°58	n.a.	S 22
M23	13 11 7	18°41'09	12♒44	11°56	10°16	24°17	24°46	29°R17	20°21	5°16	3°29	5°42	4°54	12° 4	n.a.	M23
T 24	13 15 4	19°38'25	26°15	13° 1	10°43	24°58	24°55	29°17	20°24	5°18	3°28	5°41	4°51	12°11	n.a.	T 24
W25	13 19 0	20°35'41	10♓14	14° 3	11°11	25°38	25° 3	29°17	20°27	5°20	3°28	5°37	4°48	12°18	n.a.	W25
T 26	13 22 57	21°32'55	24°42	15° 1	11°41	26°19	25°12	29°17	20°30	5°22	3°28	5°31	4°45	12°25	n.a.	T 26
F 27	13 26 54	22°30'10	9♈34	15°55	12°12	26°59	25°21	29°17	20°33	5°23	3°28	5°22	4°42	12°31	n.a.	F 27
S 28	13 30 50	23°27'23	24°43	16°45	12°44	27°39	25°30	29°16	20°36	5°25	3°27	5°12	4°38	12°38	n.a.	S 28
S 29	13 34 47	24°24'36	9♉58	17°32	13°18	28°19	25°39	29°15	20°39	5°27	3°27	5° 2	4°35	12°45	n.a.	S 29
M30	13 38 43	25♈21'48	25♉ 8	18♉15	13♓53	29♈ 0	25♊48	29♐15	20♓42	5♓28	3♑27	4♌52	4♌32	12♏51	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s58	7n16	5s 5	2n31	0n36	3s39	5n 6	3n38	0s 7	24n18	0n41	23s50	0n 1	5s 1	0s42	11s37	1s44	31s57	8s 8	18n45	19n 5	10s 5		n.a.
M 2	0 35	12 2	5 3	3 32	0 47	3 59	4 52	3 55	0 7	24 19	0 41	23 50	0 1	4 59	0 42	11 36	1 44	31 57	8 8	18 47	19 6	10 7		n.a.
T 3	0 11	16 1	4 42	4 32	0 57	4 18	4 39	4 12	0 6	24 19	0 41	23 50	0 1	4 58	0 42	11 36	1 44	31 57	8 8	18 48	19 7	10 9		n.a.
W 4	0n12	18 57	4 3	5 30	1 7	4 36	4 25	4 29	0 6	24 19	0 41	23 50	0 1	4 57	0 42	11 35	1 44	31 58	8 9	18 49	19 8	10 11		n.a.
T 5	0 35	20 41	3 11	6 28	1 17	4 54	4 12	4 46	0 5	24 20	0 41	23 50	0 1	4 55	0 42	11 34	1 44	31 58	8 9	18 49	19 8	10 13		n.a.
F 6	0 59	21 8	2 8	7 24	1 26	5 11	3 58	5 3	0 4	24 20	0 41	23 50	0 1	4 54	0 42	11 33	1 44	31 58	8 9	18 49	19 9	10 16		n.a.
S 7	1 22	20 22	1 1	8 18	1 35	5 26	3 45	5 20	0 4	24 20	0 41	23 51	0 1	4 53	0 42	11 33	1 44	31 58	8 10	18 49	19 10	10 18		n.a.
S 8	1 45	18 31	0n 9	9 10	1 43	5 41	3 31	5 37	0 3	24 21	0 41	23 51	0 1	4 51	0 42	11 32	1 44	31 59	8 10	18 49	19 11	10 20		n.a.
M 9	2 8	15 46	1 17	10 1	1 51	5 55	3 18	5 53	0 2	24 21	0 41	23 51	0 1	4 50	0 42	11 31	1 44	31 59	8 10	18 49	19 11	10 22		n.a.
T 10	2 32	12 19	2 19	10 49	1 58	6 7	3 5	6 10	0 2	24 21	0 41	23 51	0 1	4 49	0 42	11 31	1 44	31 59	8 10	18 50	19 12	10 24		n.a.
W11	2 55	8 22	3 14	11 36	2 4	6 19	2 52	6 27	0 1	24 22	0 41	23 51	0 1	4 47	0 42	11 30	1 45	31 59	8 11	18 51	19 13	10 26		n.a.
T 12	3 18	4 7	3 59	12 20	2 10	6 30	2 39	6 43	0 1	24 22	0 41	23 51	0 1	4 46	0 42	11 29	1 45	32 0	8 11	18 53	19 14	10 29		n.a.
F 13	3 41	0s14	4 33	13 2	2 15	6 39	2 26	7 0	0 0	24 23	0 41	23 51	0 0	4 45	0 42	11 28	1 45	32 0	8 11	18 56	19 15	10 31		n.a.
S 14	4 4	4 33	4 54	13 42	2 19	6 48	2 14	7 16	0n 1	24 23	0 41	23 51	0 0	4 43	0 42	11 28	1 45	32 0	8 12	18 59	19 15	10 33		n.a.
S 15	4 27	8 39	5 2	14 19	2 23	6 55	2 2	7 32	0 1	24 23	0 41	23 51	0 0	4 42	0 42	11 27	1 45	32 1	8 12	19 2	19 16	10 35		n.a.
M16	4 49	12 25	4 57	14 54	2 25	7 2	1 50	7 49	0 2	24 24	0 41	23 51	0 0	4 41	0 42	11 26	1 45	32 1	8 12	19 5	19 17	10 37		n.a.
T 17	5 12	15 41	4 39	15 27	2 27	7 7	1 38	8 5	0 2	24 24	0 41	23 51	0 0	4 39	0 42	11 26	1 45	32 1	8 12	19 7	19 18	10 39		n.a.
W18	5 35	18 19	4 9	15 58	2 28	7 12	1 27	8 21	0 3	24 24	0 41	23 52	0 0	4 38	0 42	11 25	1 45	32 1	8 13	19 9	19 19	10 41		n.a.
T 19	5 57	20 11	3 28	16 26	2 29	7 15	1 16	8 37	0 4	24 25	0 41	23 52	0s 0	4 37	0 42	11 24	1 45	32 2	8 13	19 10	19 19	10 44		n.a.
F 20	6 20	21 10	2 37	16 52	2 29	7 17	1 5	8 53	0 4	24 25	0 41	23 52	0 0	4 36	0 42	11 24	1 45	32 2	8 13	19 11	19 20	10 46		n.a.
S 21	6 42	21 9	1 38	17 16	2 27	7 19	0 55	9 9	0 5	24 25	0 41	23 52	0 0	4 34	0 42	11 23	1 45	32 2	8 14	19 11	19 21	10 48		n.a.
S 22	7 5	20 3	0 32	17 37	2 25	7 19	0 44	9 24	0 5	24 26	0 41	23 52	0 0	4 33	0 42	11 22	1 45	32 3	8 14	19 11	19 22	10 50		n.a.
M23	7 27	17 53	0s37	17 56	2 23	7 19	0 34	9 40	0 6	24 26	0 41	23 52	0 0	4 32	0 42	11 22	1 45	32 3	8 14	19 11	19 22	10 52		n.a.
T 24	7 49	14 39	1 47	18 13	2 19	7 18	0 25	9 56	0 6	24 26	0 41	23 52	0 0	4 31	0 42	11 21	1 45	32 3	8 14	19 11	19 23	10 54		n.a.
W25	8 11	10 30	2 52	18 28	2 14	7 16	0 15	10 11	0 7	24 27	0 41	23 52	0 1	4 29	0 42	11 21	1 45	32 3	8 15	19 12	19 24	10 57		n.a.
T 26	8 33	5 38	3 49	18 41	2 9	7 13	0 6	10 27	0 8	24 27	0 41	23 52	0 1	4 28	0 42	11 20	1 45	32 4	8 15	19 13	19 25	10 59		n.a.
F 27	8 54	0 17	4 31	18 51	2 3	7 9	0s 3	10 42	0 8	24 27	0 41	23 52	0 1	4 27	0 42	11 19	1 45	32 4	8 15	19 16	19 26	11 1		n.a.
S 28	9 16	5n 9	4 56	18 59	1 56	7 4	0 11	10 57	0 9	24 28	0 41	23 52	0 1	4 26	0 42	11 19	1 45	32 4	8 16	19 18	19 26	11 3		n.a.
S 29	9 37	10 19	5 0	19 5	1 48	6 58	0 19	11 13	0 9	24 28	0 41	23 52	0 1	4 25	0 42	11 18	1 45	32 5	8 16	19 21	19 27	11 5		n.a.
M30	9n59	14n49	4s43	19n 9	1n40	6s52	0s28	11n28	0n10	24n28	0n41	23s53	0s 1	4s23	0s42	11s18	1s45	32s 5	8s16	19n23	19n28	11s 7		n.a.

Julian Day Number = 1200666.5, Delta T = 09h22m51s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'54, Lahiri = -23°37'53 Julian Calendar 1 Apr. 1426 BCE == Greg. Calendar 19 March 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

MAY 1426 BCE (-1425) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 42 40	26♈18'59	10♊ 4	18♉53	14♓29	29♈40	25♊57	29°R14	20♓45	5♓30	3°R27	4°R44	4♌29	12♏58	n.a.	T 1
W 2	13 46 36	27°16'10	24°37	19°28	15° 7	0♉20	26° 7	29♐13	20°48	5°31	3♑26	4♌39	4°26	13° 5	n.a.	W 2
T 3	13 50 33	28°13'19	8♋45	19°58	15°45	1° 0	26°16	29°12	20°51	5°33	3°26	4°36	4°23	13°12	n.a.	T 3
F 4	13 54 29	29°10'28	22°27	20°24	16°25	1°40	26°26	29°11	20°54	5°34	3°25	4°35	4°19	13°18	n.a.	F 4
S 5	13 58 26	0♉ 7'36	5♌43	20°45	17° 6	2°20	26°36	29°10	20°57	5°36	3°25	4°35	4°16	13°25	n.a.	S 5
S 6	14 2 23	1° 4'43	18°39	21° 2	17°48	3° 0	26°45	29° 9	21° 0	5°37	3°24	4°35	4°13	13°32	n.a.	S 6
M 7	14 6 19	2° 1'49	1♍16	21°14	18°30	3°40	26°55	29° 7	21° 2	5°39	3°24	4°33	4°10	13°38	n.a.	M 7
T 8	14 10 16	2°58'54	13°40	21°22	19°14	4°20	27° 5	29° 6	21° 5	5°40	3°23	4°29	4° 7	13°45	n.a.	T 8
W 9	14 14 12	3°55'59	25°53	21°R25	19°58	5° 0	27°15	29° 4	21° 8	5°42	3°23	4°22	4° 3	13°52	n.a.	W 9
T 10	14 18 9	4°53'03	7♎58	21°24	20°44	5°40	27°25	29° 3	21°11	5°43	3°22	4°12	4° 0	13°59	n.a.	T 10
F 11	14 22 5	5°50'07	19°57	21°18	21°30	6°19	27°36	29° 1	21°13	5°44	3°22	4° 0	3°57	14° 5	n.a.	F 11
S 12	14 26 2	6°47'10	1♏53	21° 8	22°17	6°59	27°46	28°59	21°16	5°46	3°21	3°46	3°54	14°12	n.a.	S 12
S 13	14 29 58	7°44'14	13°46	20°54	23° 5	7°39	27°56	28°57	21°19	5°47	3°21	3°33	3°51	14°19	n.a.	S 13
M14	14 33 55	8°41'16	25°39	20°36	23°53	8°19	28° 7	28°55	21°21	5°48	3°20	3°20	3°48	14°26	n.a.	M14
T 15	14 37 52	9°38'19	7♐32	20°14	24°42	8°58	28°17	28°53	21°24	5°49	3°19	3° 9	3°44	14°32	n.a.	T 15
W16	14 41 48	10°35'22	19°27	19°48	25°32	9°38	28°28	28°51	21°26	5°51	3°19	3° 0	3°41	14°39	n.a.	W16
T 17	14 45 45	11°32'25	1♑28	19°20	26°23	10°18	28°39	28°49	21°29	5°52	3°18	2°54	3°38	14°46	n.a.	T 17
F 18	14 49 41	12°29'28	13°37	18°49	27°14	10°57	28°50	28°47	21°31	5°53	3°17	2°51	3°35	14°52	n.a.	F 18
S 19	14 53 38	13°26'31	25°58	18°16	28° 6	11°37	29° 0	28°44	21°34	5°54	3°16	2°49	3°32	14°59	n.a.	S 19
S 20	14 57 34	14°23'35	8♒37	17°41	28°59	12°16	29°11	28°42	21°36	5°55	3°16	2°49	3°29	15° 6	n.a.	S 20
M21	15 1 31	15°20'38	21°36	17° 5	29°52	12°56	29°22	28°39	21°38	5°56	3°15	2°49	3°25	15°13	n.a.	M21
T 22	15 5 28	16°17'42	5♓ 2	16°29	0♈45	13°35	29°33	28°37	21°41	5°57	3°14	2°48	3°22	15°19	n.a.	T 22
W23	15 9 24	17°14'46	18°55	15°53	1°40	14°15	29°45	28°34	21°43	5°58	3°13	2°45	3°19	15°26	n.a.	W23
T 24	15 13 21	18°11'51	3♈16	15°18	2°34	14°54	29°56	28°31	21°45	5°59	3°12	2°39	3°16	15°33	n.a.	T 24
F 25	15 17 17	19° 8'56	18° 4	14°45	3°29	15°33	0♋ 7	28°28	21°47	6° 0	3°11	2°32	3°13	15°39	n.a.	F 25
S 26	15 21 14	20° 6'01	3♉11	14°13	4°25	16°13	0°19	28°25	21°50	6° 1	3°11	2°22	3° 9	15°46	n.a.	S 26
S 27	15 25 10	21° 3'07	18°28	13°44	5°21	16°52	0°30	28°22	21°52	6° 2	3°10	2°12	3° 6	15°53	n.a.	S 27
M28	15 29 7	22° 0'13	3♊45	13°19	6°18	17°31	0°42	28°19	21°54	6° 3	3° 9	2° 3	3° 3	16° 0	n.a.	M28
T 29	15 33 3	22°57'19	18°49	12°56	7°15	18°11	0°53	28°16	21°56	6° 4	3° 8	1°55	3° 0	16° 6	n.a.	T 29
W30	15 37 0	23°54'26	3♋33	12°38	8°12	18°50	1° 5	28°13	21°58	6° 4	3° 7	1°50	2°57	16°13	n.a.	W30
T 31	15 40 57	24♉51'32	17♋51	12♉24	9♈10	19♉29	1♋16	28♐ 9	22♓ 0	6♓ 5	3♑ 6	1♌47	2♌54	16♏20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	10n20	18n18	4s 6	19n11	1n30	6s45	0s35	11n43	0n11	24n29	0n41	23s53	0s 1	4s22	0s42	11s17	1s45	32s 5	8s16	19n25	19n29	11s 9			n.a.
W 2	10 41	20 31	3 14	19 11	1 20	6 37	0 43	11 58	0 11	24 29	0 41	23 53	0 1	4 21	0 42	11 17	1 45	32 5	8 17	19 26	19 29	11 12			n.a.
T 3	11 2	21 22	2 12	19 9	1 9	6 29	0 50	12 12	0 12	24 29	0 41	23 53	0 1	4 20	0 42	11 16	1 46	32 6	8 17	19 27	19 30	11 14			n.a.
F 4	11 22	20 54	1 4	19 5	0 57	6 19	0 57	12 27	0 12	24 30	0 41	23 53	0 1	4 19	0 42	11 16	1 46	32 6	8 17	19 27	19 31	11 16			n.a.
S 5	11 43	19 16	0n 6	18 59	0 45	6 10	1 4	12 42	0 13	24 30	0 41	23 53	0 2	4 18	0 42	11 15	1 46	32 6	8 17	19 27	19 32	11 18			n.a.
S 6	12 3	16 40	1 14	18 50	0 32	5 59	1 10	12 56	0 13	24 30	0 41	23 53	0 2	4 17	0 42	11 15	1 46	32 6	8 18	19 27	19 33	11 20			n.a.
M 7	12 23	13 19	2 16	18 40	0 18	5 48	1 17	13 11	0 14	24 30	0 41	23 53	0 2	4 16	0 42	11 14	1 46	32 7	8 18	19 28	19 33	11 22			n.a.
T 8	12 43	9 27	3 11	18 29	0 3	5 36	1 23	13 25	0 15	24 31	0 41	23 53	0 2	4 14	0 42	11 14	1 46	32 7	8 18	19 29	19 34	11 24			n.a.
W 9	13 3	5 15	3 56	18 15	0s12	5 23	1 28	13 39	0 15	24 31	0 41	23 53	0 2	4 13	0 42	11 13	1 46	32 7	8 18	19 30	19 35	11 27			n.a.
T 10	13 23	0 54	4 29	18 0	0 27	5 10	1 34	13 53	0 16	24 31	0 41	23 53	0 2	4 12	0 42	11 13	1 46	32 8	8 19	19 33	19 36	11 29			n.a.
F 11	13 42	3s27	4 51	17 43	0 43	4 57	1 39	14 7	0 16	24 31	0 41	23 54	0 2	4 11	0 42	11 12	1 46	32 8	8 19	19 36	19 36	11 31			n.a.
S 12	14 1	7 40	4 59	17 25	0 59	4 42	1 44	14 21	0 17	24 31	0 41	23 54	0 2	4 10	0 42	11 12	1 46	32 8	8 19	19 39	19 37	11 33			n.a.
S 13	14 20	11 34	4 55	17 5	1 16	4 28	1 49	14 35	0 17	24 32	0 41	23 54	0 2	4 9	0 43	11 11	1 46	32 8	8 20	19 42	19 38	11 35			n.a.
M14	14 39	15 1	4 38	16 44	1 32	4 12	1 54	14 48	0 18	24 32	0 41	23 54	0 2	4 8	0 43	11 11	1 46	32 9	8 20	19 45	19 39	11 37			n.a.
T 15	14 57	17 52	4 8	16 22	1 48	3 57	1 58	15 2	0 18	24 32	0 41	23 54	0 2	4 7	0 43	11 11	1 46	32 9	8 20	19 48	19 39	11 39			n.a.
W16	15 16	19 59	3 28	16 0	2 5	3 40	2 3	15 15	0 19	24 32	0 41	23 54	0 3	4 6	0 43	11 10	1 46	32 9	8 20	19 50	19 40	11 42			n.a.
T 17	15 34	21 13	2 38	15 37	2 21	3 24	2 7	15 28	0 20	24 32	0 41	23 54	0 3	4 5	0 43	11 10	1 46	32 9	8 20	19 51	19 41	11 44			n.a.
F 18	15 51	21 30	1 40	15 14	2 36	3 6	2 11	15 42	0 20	24 32	0 41	23 54	0 3	4 4	0 43	11 9	1 46	32 10	8 21	19 52	19 42	11 46			n.a.
S 19	16 9	20 44	0 36	14 50	2 51	2 49	2 14	15 55	0 21	24 32	0 41	23 54	0 3	4 3	0 43	11 9	1 46	32 10	8 21	19 52	19 42	11 48			n.a.
S 20	16 26	18 55	0s31	14 27	3 5	2 31	2 18	16 8	0 21	24 33	0 41	23 54	0 3	4 2	0 43	11 9	1 46	32 10	8 21	19 52	19 43	11 50			n.a.
M21	16 43	16 5	1 38	14 5	3 18	2 12	2 21	16 20	0 22	24 33	0 41	23 54	0 3	4 1	0 43	11 8	1 47	32 11	8 21	19 52	19 44	11 52			n.a.
T 22	17 0	12 20	2 42	13 43	3 30	1 53	2 24	16 33	0 22	24 33	0 41	23 54	0 3	4 1	0 43	11 8	1 47	32 11	8 22	19 53	19 45	11 54			n.a.
W23	17 17	7 48	3 39	13 22	3 40	1 34	2 27	16 45	0 23	24 33	0 41	23 54	0 3	4 0	0 43	11 8	1 47	32 11	8 22	19 53	19 45	11 56			n.a.
T 24	17 33	2 42	4 23	13 3	3 50	1 14	2 30	16 58	0 23	24 33	0 41	23 54	0 3	3 59	0 43	11 7	1 47	32 11	8 22	19 55	19 46	11 58			n.a.
F 25	17 49	2n43	4 52	12 45	3 58	0 55	2 32	17 10	0 24	24 33	0 41	23 55	0 3	3 58	0 43	11 7	1 47	32 12	8 22	19 57	19 47	12 1			n.a.
S 26	18 5	8 4	5 2	12 30	4 5	0 34	2 35	17 22	0 25	24 33	0 41	23 55	0 3	3 57	0 43	11 7	1 47	32 12	8 23	19 59	19 48	12 3			n.a.
S 27	18 20	12 59	4 50	12 16	4 10	0 14	2 37	17 34	0 25	24 33	0 41	23 55	0 4	3 56	0 43	11 7	1 47	32 12	8 23	20 1	19 48	12 5			n.a.
M28	18 35	17 4	4 17	12 5	4 14	0n 7	2 39	17 46	0 26	24 33	0 41	23 55	0 4	3 55	0 43	11 6	1 47	32 12	8 23	20 3	19 49	12 7			n.a.
T 29	18 50	19 56	3 27	11 56	4 16	0 28	2 41	17 58	0 26	24 33	0 41	23 55	0 4	3 55	0 43	11 6	1 47	32 12	8 23	20 5	19 50	12 9			n.a.
W30	19 5	21 25	2 24	11 49	4 17	0 50	2 42	18 9	0 27	24 33	0 41	23 55	0 4	3 54	0 43	11 6	1 47	32 13	8 23	20 6	19 51	12 11			n.a.
T 31	19n19	21n26	1s13	11n46	4s17	1n12	2s44	18n21	0n27	24n33	0n41	23s55	0s 4	3s53	0s43	11s 6	1s47	32s13	8s24	20n 7	19n51	12s13			n.a.

Julian Day Number = 1200696.5, Delta T = 09h22m50s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'50, Lahiri = -23°37'49 Julian Calendar 1 May 1426 BCE == Greg. Calendar 18 Apr. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

JUNE 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 44 53	25♉48'39	1♌39	12°R15	10♈ 9	20♉ 8	1♋28	28°R 6	22♓ 2	6♓ 6	3°R 5	1°D47	2♌50	16♏27	n.a.	F 1
S 2	15 48 50	26°45'45	15° 1	12°D11	11° 7	20°47	1°40	28♐ 2	22° 4	6° 7	3♑ 4	1♌47	2°47	16°33	n.a.	S 2
S 3	15 52 46	27°42'52	27°58	12♉11	12° 6	21°27	1°52	27°59	22° 6	6° 7	3° 3	1°R47	2°44	16°40	n.a.	S 3
M 4	15 56 43	28°39'59	10♍34	12°17	13° 5	22° 6	2° 4	27°55	22° 7	6° 8	3° 2	1°47	2°41	16°47	n.a.	M 4
T 5	16 0 39	29°37'07	22°54	12°29	14° 5	22°45	2°16	27°52	22° 9	6° 9	3° 1	1°44	2°38	16°53	n.a.	T 5
W 6	16 4 36	0♊34'14	5♎ 1	12°45	15° 5	23°24	2°28	27°48	22°11	6° 9	3° 0	1°39	2°35	17° 0	n.a.	W 6
T 7	16 8 33	1°31'22	17° 1	13° 8	16° 6	24° 3	2°40	27°44	22°12	6°10	2°58	1°32	2°31	17° 7	n.a.	T 7
F 8	16 12 29	2°28'30	28°56	13°35	17° 6	24°42	2°52	27°40	22°14	6°10	2°57	1°23	2°28	17°14	n.a.	F 8
S 9	16 16 26	3°25'39	10♏48	14° 9	18° 7	25°21	3° 4	27°37	22°16	6°11	2°56	1°12	2°25	17°20	n.a.	S 9
S 10	16 20 22	4°22'49	22°41	14°47	19° 9	26° 0	3°16	27°33	22°17	6°11	2°55	1° 2	2°22	17°27	n.a.	S 10
M11	16 24 19	5°19'59	4♐35	15°31	20°10	26°38	3°29	27°29	22°19	6°11	2°54	0°52	2°19	17°34	n.a.	M11
T 12	16 28 15	6°17'10	16°32	16°21	21°12	27°17	3°41	27°25	22°20	6°12	2°53	0°43	2°15	17°40	n.a.	T 12
W13	16 32 12	7°14'22	28°34	17°16	22°14	27°56	3°53	27°21	22°22	6°12	2°52	0°36	2°12	17°47	n.a.	W13
T 14	16 36 8	8°11'34	10♑43	18°16	23°17	28°35	4° 6	27°16	22°23	6°12	2°50	0°32	2° 9	17°54	n.a.	T 14
F 15	16 40 5	9° 8'48	23° 0	19°21	24°20	29°14	4°18	27°12	22°24	6°13	2°49	0°30	2° 6	18° 1	n.a.	F 15
S 16	16 44 2	10° 6'03	5♒29	20°31	25°23	29°53	4°31	27° 8	22°26	6°13	2°48	0°D30	2° 3	18° 7	n.a.	S 16
S 17	16 47 58	11° 3'19	18°12	21°46	26°26	0♊31	4°43	27° 4	22°27	6°13	2°47	0°31	2° 0	18°14	n.a.	S 17
M18	16 51 55	12° 0'36	1♓14	23° 7	27°29	1°10	4°56	27° 0	22°28	6°13	2°46	0°32	1°56	18°21	n.a.	M18
T 19	16 55 51	12°57'54	14°36	24°31	28°33	1°49	5° 8	26°55	22°29	6°14	2°44	0°R32	1°53	18°27	n.a.	T 19
W20	16 59 48	13°55'13	28°23	26° 1	29°37	2°27	5°21	26°51	22°30	6°14	2°43	0°31	1°50	18°34	n.a.	W20
T 21	17 3 44	14°52'34	12♈34	27°34	0♉41	3° 6	5°33	26°47	22°31	6°14	2°42	0°29	1°47	18°41	n.a.	T 21
F 22	17 7 41	15°49'56	27° 7	29°12	1°46	3°45	5°46	26°42	22°32	6°14	2°41	0°24	1°44	18°48	n.a.	F 22
S 23	17 11 37	16°47'20	12♉ 0	0♊54	2°50	4°23	5°59	26°38	22°33	6°R14	2°39	0°18	1°41	18°54	n.a.	S 23
S 24	17 15 34	17°44'45	27° 4	2°39	3°55	5° 2	6°12	26°33	22°34	6°14	2°38	0°12	1°37	19° 1	n.a.	S 24
M25	17 19 31	18°42'11	12♊11	4°28	5° 0	5°41	6°24	26°29	22°35	6°14	2°37	0° 6	1°34	19° 8	n.a.	M25
T 26	17 23 27	19°39'39	27°10	6°19	6° 6	6°19	6°37	26°25	22°36	6°14	2°35	0° 1	1°31	19°14	n.a.	T 26
W27	17 27 24	20°37'07	11♋53	8°14	7°11	6°58	6°50	26°20	22°37	6°13	2°34	29♋58	1°28	19°21	n.a.	W27
T 28	17 31 20	21°34'37	26°14	10°10	8°17	7°36	7° 3	26°16	22°37	6°13	2°33	29°D57	1°25	19°28	n.a.	T 28
F 29	17 35 17	22°32'08	10♌ 8	12° 9	9°23	8°15	7°16	26°11	22°38	6°13	2°31	29°57	1°21	19°35	n.a.	F 29
S 30	17 39 13	23♊29'40	23♌35	14♊ 9	10♉29	8♊53	7♋29	26♐ 7	22♓39	6♓13	2♑30	29♋59	1♌18	19♏41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n33	20n 8	0s 1	11n45	4s15	1n34	2s45	18n32	0n28	24n32	0n41	23s55	0s 4	3s52	0s43	11s 5	1s47	32s13	8s24	20n 7	19n52	12s15		n.a.
S 2	19 47	17 44	1n10	11 46	4 12	1 56	2 46	18 43	0 28	24 32	0 41	23 55	0 4	3 52	0 43	11 5	1 47	32 13	8 24	20 7	19 53	12 18		n.a.
S 3	20 0	14 30	2 15	11 51	4 7	2 18	2 48	18 54	0 29	24 32	0 41	23 55	0 4	3 51	0 43	11 5	1 47	32 14	8 24	20 7	19 54	12 20		n.a.
M 4	20 13	10 41	3 11	11 58	4 2	2 41	2 49	19 5	0 29	24 32	0 41	23 55	0 4	3 50	0 43	11 5	1 47	32 14	8 24	20 7	19 54	12 22		n.a.
T 5	20 25	6 30	3 58	12 8	3 55	3 3	2 49	19 16	0 30	24 32	0 41	23 55	0 4	3 49	0 43	11 5	1 48	32 14	8 25	20 7	19 55	12 24		n.a.
W 6	20 38	2 7	4 32	12 20	3 47	3 26	2 50	19 26	0 30	24 32	0 41	23 55	0 5	3 49	0 43	11 4	1 48	32 14	8 25	20 9	19 56	12 26		n.a.
T 7	20 50	2s17	4 54	12 35	3 39	3 49	2 50	19 37	0 31	24 32	0 42	23 55	0 5	3 48	0 43	11 4	1 48	32 15	8 25	20 10	19 57	12 28		n.a.
F 8	21 1	6 34	5 4	12 52	3 29	4 13	2 51	19 47	0 31	24 31	0 42	23 55	0 5	3 48	0 43	11 4	1 48	32 15	8 25	20 12	19 57	12 30		n.a.
S 9	21 13	10 35	5 0	13 12	3 19	4 36	2 51	19 57	0 32	24 31	0 42	23 55	0 5	3 47	0 43	11 4	1 48	32 15	8 25	20 15	19 58	12 32		n.a.
S 10	21 24	14 12	4 43	13 34	3 8	4 59	2 51	20 7	0 33	24 31	0 42	23 55	0 5	3 46	0 43	11 4	1 48	32 15	8 26	20 17	19 59	12 34		n.a.
M11	21 34	17 16	4 14	13 58	2 57	5 23	2 51	20 17	0 33	24 31	0 42	23 55	0 5	3 46	0 43	11 4	1 48	32 15	8 26	20 19	20 0	12 36		n.a.
T 12	21 44	19 38	3 33	14 23	2 45	5 47	2 51	20 27	0 34	24 30	0 42	23 55	0 5	3 45	0 43	11 4	1 48	32 16	8 26	20 21	20 0	12 39		n.a.
W13	21 54	21 8	2 43	14 51	2 32	6 10	2 51	20 36	0 34	24 30	0 42	23 55	0 5	3 45	0 43	11 4	1 48	32 16	8 26	20 23	20 1	12 41		n.a.
T 14	22 4	21 41	1 44	15 20	2 20	6 34	2 50	20 45	0 35	24 30	0 42	23 55	0 5	3 44	0 43	11 4	1 48	32 16	8 26	20 23	20 2	12 43		n.a.
F 15	22 13	21 12	0 40	15 51	2 7	6 58	2 50	20 55	0 35	24 29	0 42	23 55	0 5	3 44	0 43	11 4	1 48	32 16	8 26	20 24	20 2	12 45		n.a.
S 16	22 21	19 40	0s27	16 23	1 53	7 22	2 49	21 4	0 36	24 29	0 42	23 55	0 6	3 43	0 43	11 4	1 48	32 16	8 27	20 24	20 3	12 47		n.a.
S 17	22 30	17 8	1 34	16 56	1 40	7 46	2 48	21 12	0 36	24 28	0 42	23 55	0 6	3 43	0 43	11 4	1 48	32 16	8 27	20 24	20 4	12 49		n.a.
M18	22 38	13 41	2 38	17 29	1 26	8 10	2 48	21 21	0 37	24 28	0 42	23 55	0 6	3 42	0 44	11 4	1 48	32 17	8 27	20 23	20 5	12 51		n.a.
T 19	22 45	9 28	3 35	18 4	1 12	8 33	2 47	21 30	0 37	24 28	0 42	23 55	0 6	3 42	0 44	11 4	1 48	32 17	8 27	20 23	20 5	12 53		n.a.
W20	22 52	4 39	4 22	18 39	0 59	8 57	2 46	21 38	0 38	24 27	0 42	23 55	0 6	3 41	0 44	11 4	1 49	32 17	8 27	20 24	20 6	12 55		n.a.
T 21	22 59	0n33	4 54	19 14	0 46	9 21	2 44	21 46	0 38	24 27	0 42	23 55	0 6	3 41	0 44	11 4	1 49	32 17	8 27	20 24	20 7	12 57		n.a.
F 22	23 6	5 51	5 8	19 48	0 32	9 45	2 43	21 54	0 39	24 26	0 42	23 55	0 6	3 41	0 44	11 4	1 49	32 17	8 27	20 25	20 7	12 59		n.a.
S 23	23 11	10 55	5 2	20 23	0 19	10 9	2 42	22 2	0 39	24 26	0 42	23 55	0 6	3 40	0 44	11 4	1 49	32 17	8 28	20 26	20 8	13 1		n.a.
S 24	23 17	15 23	4 36	20 57	0 7	10 32	2 40	22 10	0 40	24 25	0 42	23 55	0 6	3 40	0 44	11 4	1 49	32 18	8 28	20 28	20 9	13 4		n.a.
M25	23 22	18 51	3 50	21 30	0n 5	10 56	2 39	22 17	0 40	24 24	0 42	23 55	0 6	3 40	0 44	11 4	1 49	32 18	8 28	20 29	20 10	13 6		n.a.
T 26	23 27	21 1	2 48	22 1	0 17	11 19	2 37	22 25	0 41	24 24	0 42	23 55	0 7	3 39	0 44	11 4	1 49	32 18	8 28	20 30	20 10	13 8		n.a.
W27	23 31	21 43	1 37	22 32	0 28	11 43	2 35	22 32	0 41	24 23	0 42	23 55	0 7	3 39	0 44	11 4	1 49	32 18	8 28	20 31	20 11	13 10		n.a.
T 28	23 35	20 57	0 20	23 0	0 38	12 6	2 33	22 39	0 42	24 23	0 43	23 55	0 7	3 39	0 44	11 4	1 49	32 18	8 28	20 31	20 12	13 12		n.a.
F 29	23 39	18 54	0n55	23 27	0 48	12 29	2 32	22 46	0 42	24 22	0 43	23 55	0 7	3 39	0 44	11 4	1 49	32 18	8 28	20 31	20 13	13 14		n.a.
S 30	23n42	15n52	2n 5	23n51	0n57	12n52	2s30	22n52	0n43	24n21	0n43	23s55	0s 7	3s38	0s44	11s 5	1s49	32s18	8s28	20n31	20n13	13s16		n.a.

Julian Day Number = 1200727.5, Delta T = 09h22m48s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'45, Lahiri = -23°37'45 Julian Calendar 1 June 1426 BCE == Greg. Calendar 19 May 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

JULY 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 43 10	24♊27'13	6♍36	16♊10	11♉35	9♊32	7♋42	26°R 2	22♓39	6°R13	2°R29	0♌ 0	1♌15	19♏48	n.a.	S 1
M 2	17 47 7	25°24'47	19°16	18°12	12°41	10°10	7°55	25♐58	22°40	6♓12	2♑27	0° 1	1°12	19°55	n.a.	M 2
T 3	17 51 3	26°22'22	1♎37	20°15	13°48	10°48	8° 8	25°53	22°40	6°12	2°26	0°R 1	1° 9	20° 2	n.a.	T 3
W 4	17 55 0	27°19'58	13°45	22°18	14°55	11°27	8°21	25°49	22°41	6°12	2°25	29♋59	1° 6	20° 8	n.a.	W 4
T 5	17 58 56	28°17'35	25°43	24°21	16° 2	12° 5	8°34	25°44	22°41	6°11	2°23	29°57	1° 2	20°15	n.a.	T 5
F 6	18 2 53	29°15'14	7♏37	26°23	17° 9	12°44	8°47	25°39	22°41	6°11	2°22	29°53	0°59	20°22	n.a.	F 6
S 7	18 6 49	0♋12'54	19°29	28°26	18°16	13°22	9° 0	25°35	22°42	6°11	2°21	29°49	0°56	20°28	n.a.	S 7
S 8	18 10 46	1°10'35	1♐22	0♋27	19°23	14° 0	9°13	25°31	22°42	6°10	2°19	29°44	0°53	20°35	n.a.	S 8
M 9	18 14 42	2° 8'18	13°21	2°28	20°31	14°38	9°26	25°26	22°42	6°10	2°18	29°39	0°50	20°42	n.a.	M 9
T 10	18 18 39	3° 6'02	25°25	4°28	21°39	15°17	9°39	25°22	22°42	6° 9	2°17	29°35	0°46	20°49	n.a.	T 10
W11	18 22 36	4° 3'48	7♑37	6°26	22°47	15°55	9°52	25°17	22°42	6° 8	2°15	29°32	0°43	20°55	n.a.	W11
T 12	18 26 32	5° 1'36	19°59	8°24	23°55	16°33	10° 5	25°13	22°R42	6° 8	2°14	29°30	0°40	21° 2	n.a.	T 12
F 13	18 30 29	5°59'25	2♒31	10°20	25° 3	17°11	10°18	25° 8	22°42	6° 7	2°13	29°D30	0°37	21° 9	n.a.	F 13
S 14	18 34 25	6°57'16	15°16	12°16	26°11	17°50	10°31	25° 4	22°42	6° 7	2°11	29°31	0°34	21°15	n.a.	S 14
S 15	18 38 22	7°55'09	28°13	14°10	27°19	18°28	10°44	25° 0	22°42	6° 6	2°10	29°32	0°31	21°22	n.a.	S 15
M16	18 42 18	8°53'03	11♓26	16° 2	28°28	19° 6	10°57	24°55	22°42	6° 5	2° 9	29°34	0°27	21°29	n.a.	M16
T 17	18 46 15	9°51'00	24°54	17°54	29°37	19°44	11°11	24°51	22°42	6° 4	2° 7	29°35	0°24	21°36	n.a.	T 17
W18	18 50 11	10°48'58	8♈40	19°44	0♊46	20°22	11°24	24°47	22°41	6° 4	2° 6	29°R35	0°21	21°42	n.a.	W18
T 19	18 54 8	11°46'59	22°43	21°33	1°55	21° 0	11°37	24°42	22°41	6° 3	2° 5	29°35	0°18	21°49	n.a.	T 19
F 20	18 58 5	12°45'02	7♉ 2	23°20	3° 4	21°38	11°50	24°38	22°41	6° 2	2° 3	29°34	0°15	21°56	n.a.	F 20
S 21	19 2 1	13°43'07	21°35	25° 7	4°13	22°16	12° 3	24°34	22°40	6° 1	2° 2	29°32	0°12	22° 2	n.a.	S 21
S 22	19 5 58	14°41'14	6♊16	26°52	5°23	22°55	12°16	24°30	22°40	6° 0	2° 1	29°31	0° 8	22° 9	n.a.	S 22
M23	19 9 54	15°39'23	21° 0	28°35	6°32	23°33	12°29	24°26	22°39	5°59	1°59	29°29	0° 5	22°16	n.a.	M23
T 24	19 13 51	16°37'35	5♋39	0♌18	7°42	24°11	12°43	24°22	22°39	5°58	1°58	29°27	0° 2	22°23	n.a.	T 24
W25	19 17 47	17°35'48	20° 8	1°59	8°52	24°49	12°56	24°18	22°38	5°57	1°57	29°27	29♋59	22°29	n.a.	W25
T 26	19 21 44	18°34'03	4♌20	3°39	10° 2	25°27	13° 9	24°14	22°37	5°56	1°56	29°D27	29°56	22°36	n.a.	T 26
F 27	19 25 40	19°32'20	18°10	5°18	11°12	26° 5	13°22	24°10	22°37	5°55	1°54	29°27	29°52	22°43	n.a.	F 27
S 28	19 29 37	20°30'39	1♍38	6°55	12°22	26°43	13°35	24° 6	22°36	5°54	1°53	29°28	29°49	22°49	n.a.	S 28
S 29	19 33 34	21°28'59	14°42	8°32	13°32	27°20	13°48	24° 3	22°35	5°53	1°52	29°29	29°46	22°56	n.a.	S 29
M30	19 37 30	22°27'21	27°25	10° 7	14°42	27°58	14° 1	23°59	22°34	5°52	1°51	29°29	29°43	23° 3	n.a.	M30
T 31	19 41 27	23♋25'45	9♎49	11♌41	15♊53	28♊36	14♋14	23♐55	22♓33	5♓51	1♑49	29♋30	29♋40	23♏10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n45	12n 7	3n 6	24n13	1n 6	13n14	2s27	22n59	0n43	24n21	0n43	23s55	0s 7	3s38	0s44	11s 5	1s49	32s19	8s28	20n30	20n14	13s18			n.a.
M 2	23 47	7 56	3 57	24 33	1 13	13 37	2 25	23 5	0 44	24 20	0 43	23 55	0 7	3 38	0 44	11 5	1 49	32 19	8 29	20 30	20 15	13 20			n.a.
T 3	23 49	3 32	4 35	24 50	1 20	13 59	2 23	23 11	0 44	24 19	0 43	23 55	0 7	3 38	0 44	11 5	1 49	32 19	8 29	20 30	20 15	13 22			n.a.
W 4	23 50	0s55	5 0	25 4	1 26	14 21	2 21	23 17	0 45	24 18	0 43	23 55	0 7	3 38	0 44	11 5	1 49	32 19	8 29	20 30	20 16	13 24			n.a.
T 5	23 51	5 17	5 11	25 16	1 32	14 43	2 18	23 23	0 45	24 18	0 43	23 55	0 7	3 38	0 44	11 5	1 50	32 19	8 29	20 31	20 17	13 26			n.a.
F 6	23 52	9 25	5 9	25 25	1 36	15 5	2 16	23 29	0 46	24 17	0 43	23 55	0 7	3 37	0 44	11 6	1 50	32 19	8 29	20 32	20 17	13 28			n.a.
S 7	23 52	13 12	4 54	25 31	1 40	15 26	2 13	23 34	0 46	24 16	0 43	23 55	0 8	3 37	0 44	11 6	1 50	32 19	8 29	20 33	20 18	13 30			n.a.
S 8	23 51	16 27	4 26	25 35	1 43	15 47	2 11	23 39	0 47	24 15	0 43	23 55	0 8	3 37	0 44	11 6	1 50	32 19	8 29	20 34	20 19	13 32			n.a.
M 9	23 51	19 3	3 46	25 35	1 45	16 8	2 8	23 44	0 47	24 14	0 43	23 55	0 8	3 37	0 44	11 6	1 50	32 19	8 29	20 35	20 20	13 35			n.a.
T 10	23 49	20 51	2 56	25 34	1 47	16 29	2 5	23 49	0 48	24 13	0 43	23 55	0 8	3 37	0 44	11 7	1 50	32 20	8 29	20 36	20 20	13 37			n.a.
W11	23 48	21 41	1 57	25 30	1 48	16 49	2 3	23 54	0 48	24 12	0 43	23 54	0 8	3 37	0 44	11 7	1 50	32 20	8 29	20 36	20 21	13 39			n.a.
T 12	23 46	21 29	0 52	25 23	1 48	17 9	2 0	23 58	0 49	24 12	0 43	23 54	0 8	3 37	0 44	11 7	1 50	32 20	8 29	20 37	20 22	13 41			n.a.
F 13	23 43	20 13	0s17	25 15	1 48	17 28	1 57	24 3	0 49	24 11	0 44	23 54	0 8	3 37	0 44	11 7	1 50	32 20	8 29	20 37	20 22	13 43			n.a.
S 14	23 40	17 54	1 26	25 4	1 47	17 47	1 54	24 7	0 50	24 10	0 44	23 54	0 8	3 37	0 44	11 8	1 50	32 20	8 29	20 37	20 23	13 45			n.a.
S 15	23 37	14 40	2 32	24 51	1 46	18 6	1 51	24 11	0 50	24 9	0 44	23 54	0 8	3 37	0 44	11 8	1 50	32 20	8 29	20 36	20 24	13 47			n.a.
M16	23 33	10 39	3 31	24 36	1 44	18 25	1 48	24 15	0 51	24 8	0 44	23 54	0 8	3 38	0 44	11 8	1 50	32 20	8 29	20 36	20 24	13 49			n.a.
T 17	23 29	6 1	4 20	24 19	1 42	18 43	1 45	24 18	0 51	24 7	0 44	23 54	0 8	3 38	0 44	11 9	1 50	32 20	8 30	20 36	20 25	13 51			n.a.
W18	23 25	1 1	4 55	24 1	1 39	19 0	1 42	24 22	0 51	24 6	0 44	23 54	0 9	3 38	0 45	11 9	1 50	32 20	8 30	20 36	20 26	13 53			n.a.
T 19	23 20	4n 9	5 13	23 40	1 36	19 18	1 39	24 25	0 52	24 4	0 44	23 54	0 9	3 38	0 45	11 9	1 50	32 20	8 30	20 36	20 27	13 55			n.a.
F 20	23 14	9 11	5 13	23 19	1 32	19 34	1 36	24 28	0 52	24 3	0 44	23 54	0 9	3 38	0 45	11 10	1 50	32 20	8 30	20 36	20 27	13 57			n.a.
S 21	23 8	13 46	4 53	22 56	1 28	19 51	1 33	24 31	0 53	24 2	0 44	23 54	0 9	3 38	0 45	11 10	1 50	32 20	8 30	20 36	20 28	13 59			n.a.
S 22	23 2	17 35	4 13	22 31	1 23	20 7	1 29	24 33	0 53	24 1	0 44	23 54	0 9	3 39	0 45	11 11	1 51	32 20	8 30	20 37	20 29	14 1			n.a.
M23	22 55	20 16	3 17	22 5	1 19	20 22	1 26	24 36	0 54	24 0	0 44	23 54	0 9	3 39	0 45	11 11	1 51	32 20	8 30	20 37	20 29	14 3			n.a.
T 24	22 48	21 37	2 8	21 38	1 14	20 37	1 23	24 38	0 54	23 59	0 44	23 53	0 9	3 39	0 45	11 11	1 51	32 20	8 30	20 37	20 30	14 5			n.a.
W25	22 41	21 29	0 51	21 10	1 8	20 51	1 20	24 40	0 55	23 58	0 45	23 53	0 9	3 39	0 45	11 12	1 51	32 20	8 30	20 38	20 31	14 7			n.a.
T 26	22 33	19 57	0n27	20 41	1 3	21 5	1 16	24 42	0 55	23 56	0 45	23 53	0 9	3 40	0 45	11 12	1 51	32 20	8 30	20 38	20 31	14 9			n.a.
F 27	22 25	17 16	1 42	20 12	0 57	21 19	1 13	24 44	0 56	23 55	0 45	23 53	0 9	3 40	0 45	11 13	1 51	32 20	8 30	20 37	20 32	14 11			n.a.
S 28	22 16	13 42	2 49	19 41	0 50	21 32	1 10	24 45	0 56	23 54	0 45	23 53	0 9	3 40	0 45	11 13	1 51	32 20	8 30	20 37	20 33	14 13			n.a.
S 29	22 7	9 35	3 45	19 9	0 44	21 44	1 6	24 47	0 57	23 53	0 45	23 53	0 10	3 41	0 45	11 14	1 51	32 20	8 30	20 37	20 33	14 15			n.a.
M30	21 57	5 9	4 29	18 37	0 37	21 56	1 3	24 48	0 57	23 51	0 45	23 53	0 10	3 41	0 45	11 14	1 51	32 20	8 30	20 37	20 34	14 17			n.a.
T 31	21n47	0n37	4n59	18n 4	0n31	22n 7	0s59	24n49	0n58	23n50	0n45	23s53	0s10	3s41	0s45	11s14	1s51	32s20	8s30	20n37	20n35	14s19			n.a.

Julian Day Number = 1200757.5, Delta T = 09h22m46s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'41, Lahiri = -23°37'41 Julian Calendar 1 July 1426 BCE == Greg. Calendar 18 June 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

AUGUST 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 45 23	24♋24'11	21♎58	13♌14	17♊ 3	29♊14	14♋27	23°R52	22°R32	5°R50	1°R48	29°R30	29♋37	23♏16	n.a.	W 1
T 2	19 49 20	25°22'38	3♏58	14°46	18°14	29°52	14°40	23♐48	22♓31	5♓49	1♑47	29♋30	29°33	23°23	n.a.	T 2
F 3	19 53 16	26°21'07	15°51	16°17	19°25	0♋30	14°53	23°45	22°30	5°48	1°46	29°30	29°30	23°30	n.a.	F 3
S 4	19 57 13	27°19'38	27°44	17°46	20°36	1° 8	15° 6	23°41	22°29	5°46	1°45	29°29	29°27	23°36	n.a.	S 4
S 5	20 1 9	28°18'11	9♐39	19°14	21°47	1°46	15°19	23°38	22°28	5°45	1°43	29°29	29°24	23°43	n.a.	S 5
M 6	20 5 6	29°16'46	21°42	20°41	22°58	2°23	15°32	23°35	22°27	5°44	1°42	29°D29	29°21	23°50	n.a.	M 6
T 7	20 9 2	0♌15'22	3♑53	22° 7	24° 9	3° 1	15°45	23°32	22°26	5°43	1°41	29°29	29°18	23°57	n.a.	T 7
W 8	20 12 59	1°14'01	16°17	23°32	25°20	3°39	15°58	23°29	22°24	5°41	1°40	29°29	29°14	24° 3	n.a.	W 8
T 9	20 16 56	2°12'42	28°55	24°55	26°32	4°17	16°11	23°25	22°23	5°40	1°39	29°R29	29°11	24°10	n.a.	T 9
F 10	20 20 52	3°11'25	11♒47	26°18	27°43	4°54	16°24	23°23	22°22	5°39	1°38	29°29	29° 8	24°17	n.a.	F 10
S 11	20 24 49	4°10'10	24°53	27°38	28°55	5°32	16°36	23°20	22°20	5°37	1°37	29°29	29° 5	24°23	n.a.	S 11
S 12	20 28 45	5° 8'57	8♓14	28°58	0♋ 7	6°10	16°49	23°17	22°19	5°36	1°35	29°28	29° 2	24°30	n.a.	S 12
M13	20 32 42	6° 7'46	21°48	0♍16	1°19	6°47	17° 2	23°14	22°18	5°34	1°34	29°28	28°58	24°37	n.a.	M13
T 14	20 36 38	7° 6'38	5♈33	1°33	2°30	7°25	17°15	23°12	22°16	5°33	1°33	29°27	28°55	24°44	n.a.	T 14
W15	20 40 35	8° 5'32	19°29	2°48	3°42	8° 3	17°27	23° 9	22°14	5°32	1°32	29°26	28°52	24°50	n.a.	W15
T 16	20 44 31	9° 4'29	3♉33	4° 1	4°55	8°40	17°40	23° 7	22°13	5°30	1°31	29°D26	28°49	24°57	n.a.	T 16
F 17	20 48 28	10° 3'28	17°44	5°13	6° 7	9°18	17°53	23° 4	22°11	5°29	1°30	29°26	28°46	25° 4	n.a.	F 17
S 18	20 52 24	11° 2'30	2♊ 0	6°23	7°19	9°56	18° 5	23° 2	22°10	5°27	1°29	29°26	28°43	25°10	n.a.	S 18
S 19	20 56 21	12° 1'34	16°17	7°32	8°31	10°33	18°18	23° 0	22° 8	5°26	1°28	29°27	28°39	25°17	n.a.	S 19
M20	21 0 18	13° 0'41	0♋34	8°38	9°44	11°11	18°30	22°58	22° 6	5°24	1°27	29°28	28°36	25°24	n.a.	M20
T 21	21 4 14	13°59'50	14°46	9°42	10°56	11°48	18°43	22°56	22° 4	5°23	1°27	29°29	28°33	25°30	n.a.	T 21
W22	21 8 11	14°59'01	28°50	10°43	12° 9	12°26	18°55	22°54	22° 3	5°21	1°26	29°R30	28°30	25°37	n.a.	W22
T 23	21 12 7	15°58'15	12♌41	11°43	13°22	13° 4	19° 8	22°52	22° 1	5°19	1°25	29°29	28°27	25°44	n.a.	T 23
F 24	21 16 4	16°57'31	26°18	12°39	14°35	13°41	19°20	22°50	21°59	5°18	1°24	29°28	28°24	25°51	n.a.	F 24
S 25	21 20 0	17°56'49	9♍36	13°32	15°48	14°19	19°32	22°49	21°57	5°16	1°23	29°26	28°20	25°57	n.a.	S 25
S 26	21 23 57	18°56'09	22°36	14°23	17° 0	14°56	19°45	22°47	21°55	5°15	1°22	29°23	28°17	26° 4	n.a.	S 26
M27	21 27 53	19°55'31	5♎18	15° 9	18°13	15°34	19°57	22°46	21°53	5°13	1°21	29°20	28°14	26°11	n.a.	M27
T 28	21 31 50	20°54'55	17°43	15°52	19°27	16°11	20° 9	22°44	21°51	5°11	1°21	29°17	28°11	26°17	n.a.	T 28
W29	21 35 47	21°54'21	29°53	16°31	20°40	16°48	20°21	22°43	21°49	5°10	1°20	29°14	28° 8	26°24	n.a.	W29
T 30	21 39 43	22°53'49	11♏53	17° 5	21°53	17°26	20°33	22°42	21°47	5° 8	1°19	29°13	28° 4	26°31	n.a.	T 30
F 31	21 43 40	23♌53'19	23♏46	17♍34	23♋ 6	18♋ 3	20♋45	22♐41	21♓45	5♓ 7	1♑18	29°D12	28♋ 1	26♏38	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	21n37	3s51	5n14	17n31	0n24	22n17	0s56	24n50	0n58	23n49	0n45	23s53	0s10	3s42	0s45	11s15	1s51	32s20	8s30	20n37	20n35	14s21			n.a.
T 2	21 26	8 7	5 16	16 57	0 16	22 27	0 53	24 50	0 59	23 47	0 45	23 53	0 10	3 42	0 45	11 15	1 51	32 20	8 30	20 37	20 36	14 23			n.a.
F 3	21 15	12 1	5 4	16 23	0 9	22 37	0 49	24 51	0 59	23 46	0 45	23 53	0 10	3 43	0 45	11 16	1 51	32 20	8 30	20 37	20 37	14 25			n.a.
S 4	21 4	15 28	4 40	15 48	0 2	22 46	0 46	24 51	0 59	23 45	0 46	23 53	0 10	3 43	0 45	11 16	1 51	32 20	8 29	20 37	20 37	14 27			n.a.
S 5	20 52	18 18	4 3	15 13	0s 6	22 54	0 42	24 51	1 0	23 43	0 46	23 52	0 10	3 44	0 45	11 17	1 51	32 20	8 29	20 37	20 38	14 29			n.a.
M 6	20 40	20 21	3 15	14 38	0 14	23 1	0 39	24 51	1 0	23 42	0 46	23 52	0 10	3 44	0 45	11 17	1 51	32 20	8 29	20 37	20 39	14 31			n.a.
T 7	20 27	21 31	2 17	14 2	0 22	23 8	0 36	24 50	1 1	23 40	0 46	23 52	0 10	3 45	0 45	11 18	1 51	32 20	8 29	20 37	20 40	14 33			n.a.
W 8	20 14	21 39	1 13	13 27	0 30	23 14	0 32	24 50	1 1	23 39	0 46	23 52	0 10	3 45	0 45	11 19	1 51	32 20	8 29	20 37	20 40	14 35			n.a.
T 9	20 1	20 41	0 3	12 51	0 38	23 20	0 29	24 49	1 2	23 37	0 46	23 52	0 10	3 46	0 45	11 19	1 51	32 20	8 29	20 37	20 41	14 37			n.a.
F 10	19 47	18 38	1s 8	12 15	0 46	23 25	0 26	24 48	1 2	23 36	0 46	23 52	0 11	3 46	0 45	11 20	1 51	32 20	8 29	20 37	20 42	14 39			n.a.
S 11	19 33	15 35	2 16	11 40	0 54	23 29	0 22	24 47	1 3	23 35	0 46	23 52	0 11	3 47	0 45	11 20	1 52	32 20	8 29	20 37	20 42	14 41			n.a.
S 12	19 19	11 41	3 19	11 4	1 2	23 33	0 19	24 46	1 3	23 33	0 47	23 52	0 11	3 47	0 45	11 21	1 52	32 20	8 29	20 37	20 43	14 43			n.a.
M13	19 4	7 8	4 11	10 29	1 10	23 36	0 16	24 45	1 4	23 32	0 47	23 52	0 11	3 48	0 45	11 21	1 52	32 20	8 29	20 37	20 44	14 45			n.a.
T 14	18 49	2 11	4 50	9 54	1 18	23 38	0 12	24 43	1 4	23 30	0 47	23 52	0 11	3 49	0 45	11 22	1 52	32 20	8 29	20 38	20 44	14 47			n.a.
W15	18 34	2n57	5 12	9 19	1 27	23 40	0 9	24 41	1 5	23 28	0 47	23 52	0 11	3 49	0 45	11 22	1 52	32 20	8 29	20 38	20 45	14 49			n.a.
T 16	18 18	7 58	5 16	8 44	1 35	23 40	0 6	24 39	1 5	23 27	0 47	23 52	0 11	3 50	0 45	11 23	1 52	32 20	8 29	20 38	20 46	14 51			n.a.
F 17	18 2	12 37	5 1	8 10	1 43	23 41	0 3	24 37	1 5	23 25	0 47	23 52	0 11	3 51	0 45	11 24	1 52	32 20	8 29	20 38	20 46	14 53			n.a.
S 18	17 46	16 34	4 27	7 37	1 51	23 40	0n 1	24 35	1 6	23 24	0 47	23 52	0 11	3 51	0 45	11 24	1 52	32 20	8 29	20 38	20 47	14 55			n.a.
S 19	17 29	19 33	3 37	7 4	1 59	23 39	0 4	24 32	1 6	23 22	0 47	23 52	0 11	3 52	0 45	11 25	1 52	32 20	8 29	20 37	20 48	14 57			n.a.
M20	17 12	21 18	2 33	6 31	2 7	23 37	0 7	24 29	1 7	23 20	0 48	23 52	0 11	3 53	0 45	11 25	1 52	32 20	8 28	20 37	20 48	14 59			n.a.
T 21	16 55	21 42	1 21	6 0	2 15	23 34	0 10	24 27	1 7	23 19	0 48	23 52	0 11	3 54	0 45	11 26	1 52	32 20	8 28	20 37	20 49	15 1			n.a.
W22	16 38	20 42	0 4	5 29	2 22	23 31	0 13	24 23	1 8	23 17	0 48	23 51	0 11	3 54	0 45	11 27	1 52	32 19	8 28	20 37	20 49	15 3			n.a.
T 23	16 20	18 27	1n12	5 0	2 30	23 27	0 16	24 20	1 8	23 16	0 48	23 51	0 12	3 55	0 46	11 27	1 52	32 19	8 28	20 37	20 50	15 5			n.a.
F 24	16 2	15 12	2 23	4 31	2 37	23 22	0 19	24 17	1 9	23 14	0 48	23 51	0 12	3 56	0 46	11 28	1 52	32 19	8 28	20 37	20 51	15 7			n.a.
S 25	15 43	11 14	3 24	4 4	2 44	23 16	0 22	24 13	1 9	23 12	0 48	23 51	0 12	3 57	0 46	11 28	1 52	32 19	8 28	20 38	20 51	15 9			n.a.
S 26	15 25	6 50	4 12	3 38	2 50	23 10	0 25	24 9	1 9	23 11	0 48	23 51	0 12	3 57	0 46	11 29	1 52	32 19	8 28	20 38	20 52	15 11			n.a.
M27	15 6	2 15	4 47	3 14	2 57	23 3	0 28	24 6	1 10	23 9	0 49	23 51	0 12	3 58	0 46	11 30	1 52	32 19	8 28	20 39	20 53	15 13			n.a.
T 28	14 47	2s20	5 8	2 52	3 3	22 56	0 31	24 1	1 10	23 7	0 49	23 51	0 12	3 59	0 46	11 30	1 52	32 19	8 28	20 40	20 53	15 15			n.a.
W29	14 27	6 44	5 14	2 32	3 8	22 48	0 34	23 57	1 11	23 6	0 49	23 51	0 12	4 0	0 46	11 31	1 52	32 19	8 28	20 40	20 54	15 17			n.a.
T 30	14 7	10 48	5 7	2 14	3 13	22 39	0 36	23 53	1 11	23 4	0 49	23 51	0 12	4 1	0 46	11 32	1 52	32 19	8 27	20 41	20 55	15 19			n.a.
F 31	13n48	14s26	4n46	1n59	3s17	22n29	0n39	23n48	1n12	23n 2	0n49	23s51	0s12	4s 2	0s46	11s32	1s52	32s19	8s27	20n41	20n55	15s21			n.a.

Julian Day Number = 1200788.5, Delta T = 09h22m44s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'37, Lahiri = -23°37'37 Julian Calendar 1 Aug. 1426 BCE == Greg. Calendar 19 July 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

SEPTEMBER 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 47 36	24♌52'51	5♐38	17♍58	24♋20	18♋41	20♋57	22°R40	21°R43	5°R 5	1°R18	29♋13	27♋58	26♏44	n.a.	S 1
S 2	21 51 33	25°52'25	17°33	18°15	25°33	19°18	21° 9	22♐39	21♓41	5♓ 3	1♑17	29°14	27°55	26°51	n.a.	S 2
M 3	21 55 29	26°52'01	29°36	18°26	26°47	19°55	21°21	22°38	21°38	5° 2	1°16	29°16	27°52	26°58	n.a.	M 3
T 4	21 59 26	27°51'38	11♑52	18°R31	28° 0	20°33	21°33	22°38	21°36	5° 0	1°16	29°17	27°49	27° 4	n.a.	T 4
W 5	22 3 22	28°51'18	24°24	18°27	29°14	21°10	21°44	22°37	21°34	4°58	1°15	29°R18	27°45	27°11	n.a.	W 5
T 6	22 7 19	29°51'00	7♒15	18°16	0♌28	21°47	21°56	22°37	21°32	4°57	1°15	29°18	27°42	27°18	n.a.	T 6
F 7	22 11 15	0♍50'43	20°25	17°57	1°41	22°25	22° 8	22°36	21°30	4°55	1°14	29°16	27°39	27°24	n.a.	F 7
S 8	22 15 12	1°50'29	3♓55	17°29	2°55	23° 2	22°19	22°36	21°27	4°53	1°13	29°13	27°36	27°31	n.a.	S 8
S 9	22 19 9	2°50'17	17°43	16°52	4° 9	23°39	22°31	22°36	21°25	4°52	1°13	29° 9	27°33	27°38	n.a.	S 9
M10	22 23 5	3°50'07	1♈45	16° 7	5°23	24°16	22°42	22°D36	21°23	4°50	1°12	29° 3	27°30	27°45	n.a.	M10
T 11	22 27 2	4°49'59	15°57	15°14	6°37	24°54	22°53	22°36	21°20	4°48	1°12	28°58	27°26	27°51	n.a.	T 11
W12	22 30 58	5°49'54	0♉15	14°13	7°51	25°31	23° 5	22°36	21°18	4°47	1°12	28°53	27°23	27°58	n.a.	W12
T 13	22 34 55	6°49'51	14°32	13° 6	9° 5	26° 8	23°16	22°36	21°16	4°45	1°11	28°49	27°20	28° 5	n.a.	T 13
F 14	22 38 51	7°49'50	28°47	11°53	10°20	26°45	23°27	22°37	21°13	4°43	1°11	28°47	27°17	28°11	n.a.	F 14
S 15	22 42 48	8°49'52	12♊57	10°38	11°34	27°22	23°38	22°37	21°11	4°41	1°10	28°D47	27°14	28°18	n.a.	S 15
S 16	22 46 44	9°49'56	26°59	9°22	12°48	27°59	23°49	22°38	21° 8	4°40	1°10	28°48	27°10	28°25	n.a.	S 16
M17	22 50 41	10°50'02	10♋54	8° 7	14° 3	28°37	24° 0	22°38	21° 6	4°38	1°10	28°49	27° 7	28°32	n.a.	M17
T 18	22 54 37	11°50'11	24°39	6°56	15°17	29°14	24°10	22°39	21° 4	4°36	1°10	28°R50	27° 4	28°38	n.a.	T 18
W19	22 58 34	12°50'22	8♌16	5°50	16°32	29°51	24°21	22°40	21° 1	4°35	1° 9	28°50	27° 1	28°45	n.a.	W19
T 20	23 2 31	13°50'35	21°42	4°53	17°46	0♌28	24°32	22°41	20°59	4°33	1° 9	28°48	26°58	28°52	n.a.	T 20
F 21	23 6 27	14°50'50	4♍56	4° 5	19° 1	1° 5	24°42	22°42	20°56	4°31	1° 9	28°43	26°55	28°58	n.a.	F 21
S 22	23 10 24	15°51'07	17°58	3°27	20°15	1°42	24°52	22°43	20°54	4°30	1° 9	28°36	26°51	29° 5	n.a.	S 22
S 23	23 14 20	16°51'26	0♎46	3° 1	21°30	2°19	25° 3	22°45	20°51	4°28	1° 9	28°28	26°48	29°12	n.a.	S 23
M24	23 18 17	17°51'47	13°20	2°46	22°45	2°56	25°13	22°46	20°49	4°27	1° 8	28°18	26°45	29°18	n.a.	M24
T 25	23 22 13	18°52'10	25°40	2°D43	24° 0	3°33	25°23	22°48	20°46	4°25	1° 8	28° 9	26°42	29°25	n.a.	T 25
W26	23 26 10	19°52'34	7♏48	2°51	25°14	4°10	25°33	22°49	20°44	4°23	1° 8	28° 0	26°39	29°32	n.a.	W26
T 27	23 30 6	20°53'00	19°46	3° 9	26°29	4°47	25°43	22°51	20°41	4°22	1° 8	27°53	26°35	29°39	n.a.	T 27
F 28	23 34 3	21°53'27	1♐38	3°38	27°44	5°23	25°53	22°53	20°39	4°20	1°D 8	27°48	26°32	29°45	n.a.	F 28
S 29	23 37 59	22°53'56	13°27	4°15	28°59	6° 0	26° 3	22°55	20°36	4°18	1° 8	27°46	26°29	29°52	n.a.	S 29
S 30	23 41 56	23♍54'27	25♐20	5♍ 1	0♍14	6♌37	26♋12	22♐57	20♓34	4♓17	1♑ 8	27°D45	26♋26	29♏59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n27	17s28	4n13	1n46	3s21	22n19	0n42	23n43	1n12	23n 0	0n49	23s51	0s12	4s 2	0s46	11s33	1s52	32s18	8s27	20n41	20n56	15s23		n.a.
S 2	13 7	19 48	3 29	1 37	3 23	22 8	0 44	23 38	1 13	22 59	0 49	23 51	0 12	4 3	0 46	11 33	1 52	32 18	8 27	20 40	20 57	15 25		n.a.
M 3	12 46	21 16	2 36	1 31	3 25	21 56	0 47	23 33	1 13	22 57	0 50	23 51	0 12	4 4	0 46	11 34	1 52	32 18	8 27	20 40	20 57	15 27		n.a.
T 4	12 26	21 45	1 34	1 28	3 26	21 44	0 49	23 28	1 13	22 55	0 50	23 52	0 12	4 5	0 46	11 35	1 52	32 18	8 27	20 40	20 58	15 29		n.a.
W 5	12 5	21 11	0 27	1 30	3 26	21 31	0 52	23 23	1 14	22 54	0 50	23 52	0 12	4 6	0 46	11 35	1 52	32 18	8 27	20 39	20 59	15 31		n.a.
T 6	11 43	19 29	0s43	1 36	3 24	21 17	0 54	23 17	1 14	22 52	0 50	23 52	0 13	4 7	0 46	11 36	1 52	32 18	8 27	20 39	20 59	15 33		n.a.
F 7	11 22	16 43	1 53	1 46	3 21	21 3	0 56	23 11	1 15	22 50	0 50	23 52	0 13	4 8	0 46	11 37	1 52	32 18	8 26	20 40	21 0	15 35		n.a.
S 8	11 0	13 0	2 58	2 2	3 16	20 48	0 58	23 5	1 15	22 48	0 50	23 52	0 13	4 9	0 46	11 37	1 52	32 18	8 26	20 40	21 0	15 36		n.a.
S 9	10 38	8 30	3 54	2 22	3 10	20 32	1 1	22 59	1 16	22 47	0 51	23 52	0 13	4 10	0 46	11 38	1 52	32 17	8 26	20 41	21 1	15 38		n.a.
M10	10 17	3 30	4 36	2 48	3 1	20 16	1 3	22 53	1 16	22 45	0 51	23 52	0 13	4 11	0 46	11 39	1 52	32 17	8 26	20 43	21 2	15 40		n.a.
T 11	9 54	1n44	5 3	3 18	2 51	19 59	1 5	22 47	1 17	22 43	0 51	23 52	0 13	4 12	0 46	11 39	1 52	32 17	8 26	20 44	21 2	15 42		n.a.
W12	9 32	6 55	5 11	3 53	2 39	19 42	1 7	22 40	1 17	22 41	0 51	23 52	0 13	4 12	0 46	11 40	1 52	32 17	8 26	20 45	21 3	15 44		n.a.
T 13	9 9	11 43	4 59	4 32	2 24	19 24	1 9	22 34	1 17	22 40	0 51	23 52	0 13	4 13	0 46	11 40	1 52	32 17	8 26	20 45	21 4	15 46		n.a.
F 14	8 47	15 52	4 29	5 15	2 8	19 6	1 11	22 27	1 18	22 38	0 51	23 52	0 13	4 14	0 46	11 41	1 52	32 17	8 25	20 46	21 4	15 48		n.a.
S 15	8 24	19 4	3 43	6 0	1 51	18 46	1 12	22 20	1 18	22 36	0 52	23 52	0 13	4 15	0 46	11 42	1 52	32 17	8 25	20 46	21 5	15 50		n.a.
S 16	8 1	21 6	2 44	6 47	1 32	18 27	1 14	22 13	1 19	22 34	0 52	23 52	0 13	4 16	0 46	11 42	1 52	32 16	8 25	20 46	21 6	15 52		n.a.
M17	7 38	21 49	1 36	7 34	1 12	18 7	1 16	22 6	1 19	22 33	0 52	23 52	0 13	4 17	0 46	11 43	1 52	32 16	8 25	20 45	21 6	15 54		n.a.
T 18	7 15	21 12	0 23	8 20	0 51	17 46	1 17	21 58	1 20	22 31	0 52	23 53	0 13	4 18	0 46	11 44	1 52	32 16	8 25	20 45	21 7	15 56		n.a.
W19	6 51	19 20	0n51	9 3	0 31	17 25	1 19	21 51	1 20	22 29	0 52	23 53	0 13	4 19	0 46	11 44	1 52	32 16	8 25	20 45	21 7	15 58		n.a.
T 20	6 28	16 25	2 0	9 44	0 10	17 3	1 20	21 43	1 20	22 27	0 53	23 53	0 13	4 20	0 46	11 45	1 52	32 16	8 24	20 46	21 8	16 0		n.a.
F 21	6 4	12 41	3 2	10 20	0n 9	16 41	1 22	21 35	1 21	22 26	0 53	23 53	0 14	4 21	0 46	11 45	1 52	32 16	8 24	20 47	21 9	16 1		n.a.
S 22	5 40	8 24	3 53	10 51	0 28	16 18	1 23	21 27	1 21	22 24	0 53	23 53	0 14	4 22	0 46	11 46	1 52	32 16	8 24	20 48	21 9	16 3		n.a.
S 23	5 17	3 50	4 32	11 16	0 45	15 55	1 24	21 19	1 22	22 22	0 53	23 53	0 14	4 23	0 46	11 47	1 52	32 15	8 24	20 50	21 10	16 5		n.a.
M24	4 53	0s49	4 56	11 36	1 0	15 31	1 25	21 11	1 22	22 20	0 53	23 53	0 14	4 24	0 46	11 47	1 52	32 15	8 24	20 52	21 11	16 7		n.a.
T 25	4 29	5 21	5 6	11 51	1 15	15 7	1 26	21 2	1 23	22 19	0 54	23 53	0 14	4 25	0 46	11 48	1 52	32 15	8 24	20 54	21 11	16 9		n.a.
W26	4 5	9 36	5 2	11 59	1 27	14 42	1 27	20 54	1 23	22 17	0 54	23 54	0 14	4 26	0 46	11 48	1 52	32 15	8 24	20 56	21 12	16 11		n.a.
T 27	3 41	13 25	4 44	12 2	1 38	14 17	1 28	20 45	1 23	22 15	0 54	23 54	0 14	4 27	0 46	11 49	1 52	32 15	8 23	20 57	21 12	16 13		n.a.
F 28	3 16	16 41	4 15	12 0	1 47	13 52	1 29	20 37	1 24	22 14	0 54	23 54	0 14	4 28	0 46	11 50	1 52	32 15	8 23	20 58	21 13	16 15		n.a.
S 29	2 52	19 16	3 35	11 54	1 55	13 26	1 30	20 28	1 24	22 12	0 54	23 54	0 14	4 29	0 46	11 50	1 52	32 14	8 23	20 58	21 14	16 17		n.a.
S 30	2n28	21s 2	2n45	11n42	2n 1	13n 0	1n31	20n19	1n25	22n10	0n55	23s54	0s14	4s30	0s46	11s51	1s52	32s14	8s23	20n59	21n14	16s19		n.a.

Julian Day Number = 1200819.5, Delta T = 09h22m43s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'33, Lahiri = -23°37'32 Julian Calendar 1 Sept. 1426 BCE == Greg. Calendar 19 Aug. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

OCTOBER 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 45 53	24♍54'59	7♉21	5♍53	1♍29	7♌14	26♋22	22♐59	20°R31	4°R15	1♉ 8	27♋46	26♋23	0♐ 5	n.a.	M 1
T 2	23 49 49	25°55'33	19°35	6°53	2°44	7°51	26°31	23° 1	20♓29	4♓14	1° 8	27°47	26°20	0°12	n.a.	T 2
W 3	23 53 46	26°56'08	2♒ 8	7°57	3°59	8°28	26°41	23° 3	20°26	4°12	1° 9	27°R47	26°16	0°19	n.a.	W 3
T 4	23 57 42	27°56'45	15° 4	9° 7	5°14	9° 4	26°50	23° 6	20°24	4°11	1° 9	27°46	26°13	0°25	n.a.	T 4
F 5	0 1 39	28°57'23	28°24	10°20	6°29	9°41	26°59	23° 8	20°22	4° 9	1° 9	27°42	26°10	0°32	n.a.	F 5
S 6	0 5 35	29°58'02	12♓11	11°37	7°44	10°18	27° 8	23°11	20°19	4° 8	1° 9	27°35	26° 7	0°39	n.a.	S 6
S 7	0 9 32	0♎58'43	26°21	12°57	8°59	10°54	27°17	23°14	20°17	4° 6	1° 9	27°27	26° 4	0°46	n.a.	S 7
M 8	0 13 28	1°59'25	10♈50	14°20	10°14	11°31	27°25	23°16	20°14	4° 5	1°10	27°16	26° 1	0°52	n.a.	M 8
T 9	0 17 25	3° 0'09	25°31	15°45	11°30	12° 8	27°34	23°19	20°12	4° 3	1°10	27° 6	25°57	0°59	n.a.	T 9
W10	0 21 22	4° 0'55	10♉17	17°11	12°45	12°44	27°43	23°22	20° 9	4° 2	1°10	26°56	25°54	1° 6	n.a.	W10
T 11	0 25 18	5° 1'42	24°59	18°39	14° 0	13°21	27°51	23°25	20° 7	4° 1	1°11	26°48	25°51	1°12	n.a.	T 11
F 12	0 29 15	6° 2'31	9♊30	20° 9	15°15	13°57	27°59	23°29	20° 5	3°59	1°11	26°43	25°48	1°19	n.a.	F 12
S 13	0 33 11	7° 3'22	23°48	21°39	16°31	14°34	28° 7	23°32	20° 2	3°58	1°11	26°40	25°45	1°26	n.a.	S 13
S 14	0 37 8	8° 4'14	7♋49	23°10	17°46	15°10	28°15	23°35	20° 0	3°57	1°12	26°D40	25°41	1°32	n.a.	S 14
M15	0 41 4	9° 5'09	21°33	24°42	19° 1	15°47	28°23	23°39	19°58	3°55	1°12	26°R40	25°38	1°39	n.a.	M15
T 16	0 45 1	10° 6'05	5♌ 2	26°14	20°17	16°23	28°31	23°42	19°55	3°54	1°13	26°40	25°35	1°46	n.a.	T 16
W17	0 48 57	11° 7'02	18°18	27°47	21°32	17° 0	28°39	23°46	19°53	3°53	1°13	26°38	25°32	1°53	n.a.	W17
T 18	0 52 54	12° 8'01	1♍21	29°20	22°48	17°36	28°46	23°49	19°51	3°51	1°14	26°34	25°29	1°59	n.a.	T 18
F 19	0 56 51	13° 9'01	14°13	0♎53	24° 3	18°12	28°53	23°53	19°49	3°50	1°14	26°26	25°26	2° 6	n.a.	F 19
S 20	1 0 47	14°10'02	26°55	2°27	25°19	18°49	29° 0	23°57	19°46	3°49	1°15	26°15	25°22	2°13	n.a.	S 20
S 21	1 4 44	15°11'05	9♎26	4° 0	26°34	19°25	29° 8	24° 1	19°44	3°48	1°16	26° 3	25°19	2°19	n.a.	S 21
M22	1 8 40	16°12'09	21°47	5°34	27°49	20° 1	29°14	24° 5	19°42	3°47	1°16	25°48	25°16	2°26	n.a.	M22
T 23	1 12 37	17°13'14	3♏59	7° 8	29° 5	20°37	29°21	24° 9	19°40	3°45	1°17	25°34	25°13	2°33	n.a.	T 23
W24	1 16 33	18°14'20	16° 1	8°42	0♎20	21°13	29°28	24°14	19°38	3°44	1°18	25°20	25°10	2°39	n.a.	W24
T 25	1 20 30	19°15'27	27°56	10°16	1°36	21°50	29°34	24°18	19°36	3°43	1°18	25° 9	25° 6	2°46	n.a.	T 25
F 26	1 24 26	20°16'35	9♐46	11°50	2°51	22°26	29°41	24°22	19°34	3°42	1°19	25° 0	25° 3	2°53	n.a.	F 26
S 27	1 28 23	21°17'43	21°33	13°24	4° 7	23° 2	29°47	24°27	19°32	3°41	1°20	24°54	25° 0	2°59	n.a.	S 27
S 28	1 32 20	22°18'53	3♉24	14°58	5°23	23°38	29°53	24°31	19°30	3°40	1°21	24°51	24°57	3° 6	n.a.	S 28
M29	1 36 16	23°20'02	15°21	16°32	6°38	24°14	29°58	24°36	19°28	3°39	1°21	24°50	24°54	3°13	n.a.	M29
T 30	1 40 13	24°21'13	27°31	18° 6	7°54	24°50	0♌ 4	24°41	19°26	3°38	1°22	24°50	24°51	3°20	n.a.	T 30
W31	1 44 9	25♎22'24	9♒59	19♎40	9♎ 9	25♌26	0♌10	24♐45	19♓24	3♓37	1♉23	24♋50	24♋47	3♐26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	2n 3	21s52	1n47	11n27	2n 6	12n33	1n31	20n10	1n25	22n 9	0n55	23s54	0s14	4s31	0s46	11s51	1s52	32s14	8s23	20n58	21n15	16s20			n.a.
T 2	1 39	21 41	0 44	11 8	2 9	12 6	1 32	20 0	1 26	22 7	0 55	23 55	0 14	4 32	0 46	11 52	1 52	32 14	8 23	20 58	21 15	16 22			n.a.
W 3	1 14	20 25	0s23	10 46	2 11	11 39	1 32	19 51	1 26	22 6	0 55	23 55	0 14	4 33	0 46	11 52	1 52	32 14	8 22	20 58	21 16	16 24			n.a.
T 4	0 50	18 3	1 31	10 20	2 13	11 12	1 33	19 42	1 26	22 4	0 55	23 55	0 14	4 34	0 46	11 53	1 52	32 14	8 22	20 59	21 17	16 26			n.a.
F 5	0 25	14 40	2 36	9 52	2 13	10 44	1 33	19 32	1 27	22 2	0 56	23 55	0 14	4 35	0 46	11 54	1 52	32 13	8 22	20 59	21 17	16 28			n.a.
S 6	0 1	10 23	3 34	9 22	2 13	10 15	1 33	19 22	1 27	22 1	0 56	23 55	0 14	4 36	0 46	11 54	1 52	32 13	8 22	21 1	21 18	16 30			n.a.
S 7	0s24	5 26	4 20	8 50	2 11	9 47	1 34	19 12	1 28	21 59	0 56	23 56	0 15	4 37	0 46	11 55	1 52	32 13	8 22	21 2	21 19	16 32			n.a.
M 8	0 48	0 5	4 50	8 15	2 10	9 18	1 34	19 2	1 28	21 58	0 56	23 56	0 15	4 38	0 46	11 55	1 52	32 13	8 22	21 4	21 19	16 34			n.a.
T 9	1 13	5n21	5 2	7 40	2 7	8 49	1 34	18 52	1 29	21 56	0 57	23 56	0 15	4 39	0 46	11 56	1 52	32 13	8 21	21 6	21 20	16 35			n.a.
W10	1 37	10 30	4 55	7 3	2 4	8 20	1 34	18 42	1 29	21 55	0 57	23 56	0 15	4 40	0 46	11 56	1 52	32 13	8 21	21 8	21 20	16 37			n.a.
T 11	2 2	15 2	4 27	6 24	2 0	7 50	1 34	18 32	1 29	21 53	0 57	23 56	0 15	4 41	0 46	11 57	1 52	32 12	8 21	21 10	21 21	16 39			n.a.
F 12	2 26	18 36	3 43	5 45	1 56	7 21	1 34	18 22	1 30	21 52	0 57	23 57	0 15	4 42	0 46	11 57	1 52	32 12	8 21	21 11	21 22	16 41			n.a.
S 13	2 51	20 58	2 45	5 5	1 52	6 51	1 33	18 11	1 30	21 50	0 58	23 57	0 15	4 43	0 46	11 58	1 52	32 12	8 21	21 11	21 22	16 43			n.a.
S 14	3 15	21 59	1 38	4 23	1 47	6 20	1 33	18 1	1 31	21 49	0 58	23 57	0 15	4 43	0 46	11 58	1 52	32 12	8 21	21 12	21 23	16 45			n.a.
M15	3 40	21 39	0 27	3 42	1 42	5 50	1 33	17 50	1 31	21 48	0 58	23 57	0 15	4 44	0 46	11 58	1 52	32 12	8 20	21 12	21 23	16 47			n.a.
T 16	4 4	20 3	0n44	3 0	1 37	5 19	1 32	17 39	1 32	21 46	0 58	23 58	0 15	4 45	0 46	11 59	1 52	32 12	8 20	21 12	21 24	16 48			n.a.
W17	4 28	17 23	1 52	2 17	1 31	4 49	1 32	17 29	1 32	21 45	0 59	23 58	0 15	4 46	0 46	11 59	1 52	32 11	8 20	21 12	21 25	16 50			n.a.
T 18	4 53	13 52	2 53	1 34	1 25	4 18	1 31	17 18	1 32	21 44	0 59	23 58	0 15	4 47	0 46	12 0	1 52	32 11	8 20	21 13	21 25	16 52			n.a.
F 19	5 17	9 44	3 43	0 51	1 19	3 47	1 30	17 7	1 33	21 42	0 59	23 58	0 15	4 48	0 46	12 0	1 52	32 11	8 20	21 14	21 26	16 54			n.a.
S 20	5 41	5 15	4 22	0 7	1 13	3 16	1 30	16 55	1 33	21 41	0 59	23 59	0 15	4 49	0 45	12 1	1 52	32 11	8 20	21 16	21 26	16 56			n.a.
S 21	6 5	0 35	4 48	0s36	1 7	2 45	1 29	16 44	1 34	21 40	1 0	23 59	0 15	4 50	0 45	12 1	1 52	32 11	8 20	21 19	21 27	16 58			n.a.
M22	6 29	4s 1	4 59	1 20	1 0	2 13	1 28	16 33	1 34	21 39	1 0	23 59	0 15	4 50	0 45	12 1	1 52	32 11	8 19	21 21	21 28	16 59			n.a.
T 23	6 53	8 25	4 57	2 3	0 54	1 42	1 27	16 22	1 35	21 37	1 0	23 59	0 15	4 51	0 45	12 2	1 52	32 10	8 19	21 24	21 28	17 1			n.a.
W24	7 16	12 27	4 41	2 47	0 47	1 11	1 26	16 10	1 35	21 36	1 0	24 0	0 16	4 52	0 45	12 2	1 51	32 10	8 19	21 27	21 29	17 3			n.a.
T 25	7 40	15 57	4 13	3 30	0 41	0 39	1 25	15 59	1 35	21 35	1 1	24 0	0 16	4 53	0 45	12 3	1 51	32 10	8 19	21 29	21 29	17 5			n.a.
F 26	8 4	18 47	3 34	4 14	0 34	0 8	1 24	15 47	1 36	21 34	1 1	24 0	0 16	4 54	0 45	12 3	1 51	32 10	8 19	21 30	21 30	17 7			n.a.
S 27	8 27	20 49	2 46	4 57	0 28	0s24	1 23	15 35	1 36	21 33	1 1	24 0	0 16	4 55	0 45	12 3	1 51	32 10	8 19	21 32	21 30	17 9			n.a.
S 28	8 50	21 58	1 51	5 40	0 21	0 55	1 22	15 24	1 37	21 32	1 1	24 1	0 16	4 55	0 45	12 4	1 51	32 10	8 18	21 32	21 31	17 10			n.a.
M29	9 13	22 8	0 50	6 23	0 14	1 27	1 21	15 12	1 37	21 31	1 2	24 1	0 16	4 56	0 45	12 4	1 51	32 10	8 18	21 32	21 32	17 12			n.a.
T 30	9 36	21 15	0s14	7 6	0 8	1 58	1 19	15 0	1 37	21 30	1 2	24 1	0 16	4 57	0 45	12 4	1 51	32 9	8 18	21 32	21 32	17 14			n.a.
W31	9s59	19s20	1s19	7s48	0n 1	2s30	1n18	14n48	1n38	21n29	1n 2	24s 1	0s16	4s58	0s45	12s 5	1s51	32s 9	8s18	21n32	21n33	17s16			n.a.

Julian Day Number = 1200849.5, Delta T = 09h22m41s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'29, Lahiri = -23°37'28 Julian Calendar 1 Oct. 1426 BCE == Greg. Calendar 18 Sept. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

NOVEMBER 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 48 6	26♎23'35	22♒51	21♎14	10♎25	26♌ 1	0♌15	24♐50	19°R22	3°R37	1♑24	24°R48	24♋44	3♐33	n.a.	T 1
F 2	1 52 2	27°24'47	6♓10	22°48	11°40	26°37	0°20	24°55	19♓20	3♓36	1°25	24♋44	24°41	3°40	n.a.	F 2
S 3	1 55 59	28°25'59	19°59	24°22	12°56	27°13	0°25	25° 0	19°19	3°35	1°26	24°37	24°38	3°46	n.a.	S 3
S 4	1 59 55	29°27'12	4♈17	25°56	14°11	27°49	0°30	25° 5	19°17	3°34	1°27	24°27	24°35	3°53	n.a.	S 4
M 5	2 3 52	0♏28'25	19° 0	27°30	15°27	28°25	0°35	25°10	19°15	3°33	1°28	24°16	24°32	4° 0	n.a.	M 5
T 6	2 7 49	1°29'38	4♉ 1	29° 5	16°42	29° 0	0°39	25°16	19°13	3°33	1°29	24° 4	24°28	4° 6	n.a.	T 6
W 7	2 11 45	2°30'52	19°11	0♏39	17°58	29°36	0°44	25°21	19°12	3°32	1°30	23°52	24°25	4°13	n.a.	W 7
T 8	2 15 42	3°32'07	4♊18	2°14	19°13	0♍11	0°48	25°26	19°10	3°31	1°31	23°43	24°22	4°20	n.a.	T 8
F 9	2 19 38	4°33'23	19°13	3°48	20°29	0°47	0°52	25°32	19° 9	3°31	1°32	23°37	24°19	4°26	n.a.	F 9
S 10	2 23 35	5°34'39	3♋48	5°23	21°45	1°22	0°56	25°37	19° 7	3°30	1°33	23°33	24°16	4°33	n.a.	S 10
S 11	2 27 31	6°35'56	18° 1	6°58	23° 0	1°58	0°59	25°43	19° 6	3°29	1°34	23°D32	24°12	4°40	n.a.	S 11
M12	2 31 28	7°37'13	1♌51	8°34	24°16	2°33	1° 3	25°48	19° 4	3°29	1°36	23°R32	24° 9	4°47	n.a.	M12
T 13	2 35 25	8°38'31	15°18	10° 9	25°31	3° 9	1° 6	25°54	19° 3	3°28	1°37	23°32	24° 6	4°53	n.a.	T 13
W14	2 39 21	9°39'49	28°25	11°45	26°47	3°44	1° 9	26° 0	19° 2	3°28	1°38	23°31	24° 3	5° 0	n.a.	W14
T 15	2 43 18	10°41'08	11♍15	13°21	28° 2	4°19	1°12	26° 5	19° 0	3°27	1°39	23°27	24° 0	5° 7	n.a.	T 15
F 16	2 47 14	11°42'27	23°52	14°57	29°18	4°54	1°15	26°11	18°59	3°27	1°40	23°20	23°57	5°13	n.a.	F 16
S 17	2 51 11	12°43'47	6♎17	16°33	0♏33	5°30	1°17	26°17	18°58	3°27	1°42	23°10	23°53	5°20	n.a.	S 17
S 18	2 55 7	13°45'07	18°33	18°10	1°49	6° 5	1°20	26°23	18°57	3°26	1°43	22°58	23°50	5°27	n.a.	S 18
M19	2 59 4	14°46'26	0♏42	19°47	3° 5	6°40	1°22	26°29	18°56	3°26	1°44	22°45	23°47	5°33	n.a.	M19
T 20	3 3 0	15°47'46	12°43	21°24	4°20	7°15	1°24	26°35	18°55	3°26	1°46	22°31	23°44	5°40	n.a.	T 20
W21	3 6 57	16°49'06	24°39	23° 1	5°36	7°50	1°26	26°41	18°54	3°25	1°47	22°19	23°41	5°47	n.a.	W21
T 22	3 10 54	17°50'26	6♐30	24°39	6°51	8°24	1°27	26°48	18°53	3°25	1°48	22° 8	23°38	5°53	n.a.	T 22
F 23	3 14 50	18°51'46	18°18	26°17	8° 7	8°59	1°29	26°54	18°52	3°25	1°50	22° 0	23°34	6° 0	n.a.	F 23
S 24	3 18 47	19°53'05	0♑ 7	27°55	9°22	9°34	1°30	27° 0	18°51	3°25	1°51	21°54	23°31	6° 7	n.a.	S 24
S 25	3 22 43	20°54'25	11°57	29°34	10°38	10° 9	1°31	27° 6	18°50	3°25	1°52	21°52	23°28	6°14	n.a.	S 25
M26	3 26 40	21°55'43	23°55	1♐12	11°53	10°43	1°32	27°13	18°49	3°25	1°54	21°D51	23°25	6°20	n.a.	M26
T 27	3 30 36	22°57'01	6♒ 3	2°51	13° 9	11°18	1°33	27°19	18°49	3°D25	1°55	21°52	23°22	6°27	n.a.	T 27
W28	3 34 33	23°58'18	18°27	4°30	14°24	11°52	1°33	27°26	18°48	3°25	1°57	21°R53	23°18	6°34	n.a.	W28
T 29	3 38 30	24°59'35	1♓13	6° 8	15°40	12°27	1°33	27°32	18°47	3°25	1°58	21°53	23°15	6°40	n.a.	T 29
F 30	3 42 26	26♏ 0'51	14♓24	7♐47	16♏55	13♍ 1	1°R33	27♐39	18♓47	3♓25	2♑ 0	21♋51	23♋12	6♐47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s22	16s23	2s22	8s30	0s 5	3s 1	1n16	14n36	1n38	21n28	1n 2	24s 2	0s16	4s58	0s45	12s 5	1s51	32s 9	8s18	21n33	21n33	17s18		n.a.
F 2	10 44	12 30	3 20	9 12	0 12	3 33	1 15	14 24	1 39	21 27	1 3	24 2	0 16	4 59	0 45	12 5	1 51	32 9	8 18	21 33	21 34	17 19		n.a.
S 3	11 6	7 49	4 8	9 53	0 18	4 4	1 13	14 12	1 39	21 26	1 3	24 2	0 16	5 0	0 45	12 5	1 51	32 9	8 18	21 35	21 35	17 21		n.a.
S 4	11 28	2 34	4 42	10 34	0 25	4 35	1 12	14 0	1 40	21 26	1 3	24 2	0 16	5 0	0 45	12 6	1 51	32 9	8 17	21 36	21 35	17 23		n.a.
M 5	11 50	2n58	4 59	11 15	0 31	5 7	1 10	13 48	1 40	21 25	1 4	24 3	0 16	5 1	0 45	12 6	1 51	32 9	8 17	21 39	21 36	17 25		n.a.
T 6	12 12	8 27	4 56	11 55	0 37	5 38	1 9	13 35	1 40	21 24	1 4	24 3	0 16	5 2	0 45	12 6	1 51	32 8	8 17	21 41	21 36	17 27		n.a.
W 7	12 34	13 28	4 32	12 35	0 43	6 8	1 7	13 23	1 41	21 23	1 4	24 3	0 16	5 2	0 45	12 6	1 51	32 8	8 17	21 43	21 37	17 28		n.a.
T 8	12 55	17 38	3 49	13 14	0 49	6 39	1 5	13 10	1 41	21 23	1 4	24 3	0 16	5 3	0 45	12 6	1 51	32 8	8 17	21 44	21 37	17 30		n.a.
F 9	13 16	20 35	2 51	13 52	0 55	7 10	1 3	12 58	1 42	21 22	1 5	24 4	0 17	5 3	0 45	12 7	1 51	32 8	8 17	21 45	21 38	17 32		n.a.
S 10	13 37	22 6	1 42	14 30	1 1	7 40	1 1	12 46	1 42	21 22	1 5	24 4	0 17	5 4	0 45	12 7	1 51	32 8	8 17	21 46	21 39	17 34		n.a.
S 11	13 57	22 9	0 29	15 8	1 6	8 11	0 59	12 33	1 42	21 21	1 5	24 4	0 17	5 4	0 45	12 7	1 51	32 8	8 17	21 46	21 39	17 36		n.a.
M12	14 18	20 49	0n44	15 44	1 12	8 41	0 58	12 20	1 43	21 21	1 6	24 4	0 17	5 5	0 45	12 7	1 51	32 8	8 16	21 46	21 40	17 37		n.a.
T 13	14 38	18 19	1 53	16 20	1 17	9 11	0 56	12 8	1 43	21 20	1 6	24 5	0 17	5 6	0 45	12 7	1 51	32 7	8 16	21 46	21 40	17 39		n.a.
W14	14 58	14 56	2 54	16 56	1 22	9 40	0 54	11 55	1 44	21 20	1 6	24 5	0 17	5 6	0 45	12 7	1 50	32 7	8 16	21 46	21 41	17 41		n.a.
T 15	15 17	10 55	3 44	17 30	1 27	10 10	0 51	11 42	1 44	21 19	1 6	24 5	0 17	5 7	0 45	12 8	1 50	32 7	8 16	21 47	21 41	17 43		n.a.
F 16	15 37	6 29	4 23	18 4	1 32	10 39	0 49	11 30	1 44	21 19	1 7	24 5	0 17	5 7	0 45	12 8	1 50	32 7	8 16	21 48	21 42	17 44		n.a.
S 17	15 56	1 52	4 49	18 37	1 36	11 8	0 47	11 17	1 45	21 19	1 7	24 5	0 17	5 7	0 45	12 8	1 50	32 7	8 16	21 50	21 42	17 46		n.a.
S 18	16 15	2s46	5 1	19 9	1 40	11 37	0 45	11 4	1 45	21 19	1 7	24 6	0 17	5 8	0 45	12 8	1 50	32 7	8 16	21 52	21 43	17 48		n.a.
M19	16 33	7 16	4 59	19 40	1 44	12 5	0 43	10 51	1 46	21 18	1 8	24 6	0 17	5 8	0 45	12 8	1 50	32 7	8 16	21 54	21 44	17 50		n.a.
T 20	16 51	11 26	4 43	20 10	1 48	12 33	0 41	10 38	1 46	21 18	1 8	24 6	0 17	5 9	0 45	12 8	1 50	32 7	8 16	21 57	21 44	17 51		n.a.
W21	17 9	15 8	4 16	20 39	1 51	13 1	0 39	10 25	1 46	21 18	1 8	24 6	0 17	5 9	0 45	12 8	1 50	32 6	8 16	21 59	21 45	17 53		n.a.
T 22	17 27	18 13	3 37	21 7	1 54	13 28	0 36	10 12	1 47	21 18	1 9	24 7	0 17	5 9	0 44	12 8	1 50	32 6	8 15	22 0	21 45	17 55		n.a.
F 23	17 44	20 32	2 49	21 34	1 57	13 55	0 34	9 59	1 47	21 18	1 9	24 7	0 17	5 10	0 44	12 8	1 50	32 6	8 15	22 2	21 46	17 57		n.a.
S 24	18 1	21 58	1 53	21 59	2 0	14 22	0 32	9 47	1 48	21 18	1 9	24 7	0 17	5 10	0 44	12 8	1 50	32 6	8 15	22 3	21 46	17 58		n.a.
S 25	18 18	22 26	0 53	22 23	2 2	14 48	0 29	9 34	1 48	21 18	1 9	24 7	0 17	5 10	0 44	12 8	1 50	32 6	8 15	22 3	21 47	18 0		n.a.
M26	18 34	21 53	0s11	22 46	2 3	15 14	0 27	9 21	1 48	21 18	1 10	24 7	0 18	5 11	0 44	12 8	1 50	32 6	8 15	22 3	21 47	18 2		n.a.
T 27	18 50	20 18	1 15	23 8	2 5	15 40	0 25	9 8	1 49	21 18	1 10	24 8	0 18	5 11	0 44	12 8	1 50	32 6	8 15	22 3	21 48	18 4		n.a.
W28	19 6	17 44	2 18	23 28	2 5	16 5	0 22	8 54	1 49	21 18	1 10	24 8	0 18	5 11	0 44	12 8	1 50	32 6	8 15	22 3	21 49	18 5		n.a.
T 29	19 21	14 16	3 15	23 46	2 6	16 30	0 20	8 41	1 50	21 19	1 11	24 8	0 18	5 11	0 44	12 8	1 50	32 6	8 15	22 3	21 49	18 7		n.a.
F 30	19s36	9s59	4s 4	24s 3	2s 5	16s54	0n18	8n28	1n50	21n19	1n11	24s 8	0s18	5s11	0s44	12s 8	1s50	32s 5	8s15	22n 3	21n50	18s 9		n.a.

Julian Day Number = 1200880.5, Delta T = 09h22m39s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'25, Lahiri = -23°37'24 Julian Calendar 1 Nov. 1426 BCE == Greg. Calendar 19 Oct. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1426 BCE
geocentric

DECEMBER 1426 BCE (-1425) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 46 23	27♏ 2'06	28♓ 4	9♐25	18♏10	13♍35	1°R33	27♐45	18°R46	3♓25	2♑ 1	21°R47	23♋ 9	6♐54	n.a.	S 1
S 2	3 50 19	28° 3'21	12♈14	11° 4	19°26	14°10	1♎33	27°52	18♓46	3°25	2° 3	21♋41	23° 6	7° 0	n.a.	S 2
M 3	3 54 16	29° 4'34	26°53	12°41	20°41	14°44	1°32	27°59	18°45	3°25	2° 4	21°33	23° 3	7° 7	n.a.	M 3
T 4	3 58 12	0♐ 5'47	11♉55	14°18	21°57	15°18	1°32	28° 5	18°45	3°26	2° 6	21°25	22°59	7°14	n.a.	T 4
W 5	4 2 9	1° 6'59	27°11	15°55	23°12	15°52	1°31	28°12	18°45	3°26	2° 7	21°17	22°56	7°20	n.a.	W 5
T 6	4 6 5	2° 8'11	12♊31	17°30	24°27	16°26	1°30	28°19	18°44	3°26	2° 9	21°10	22°53	7°27	n.a.	T 6
F 7	4 10 2	3° 9'22	27°43	19° 4	25°43	16°59	1°28	28°26	18°44	3°26	2°11	21° 6	22°50	7°34	n.a.	F 7
S 8	4 13 59	4°10'32	12♋37	20°36	26°58	17°33	1°27	28°33	18°44	3°27	2°12	21° 4	22°47	7°40	n.a.	S 8
S 9	4 17 55	5°11'42	27° 8	22° 6	28°13	18° 7	1°25	28°40	18°44	3°27	2°14	21°D 3	22°43	7°47	n.a.	S 9
M10	4 21 52	6°12'52	11♎12	23°33	29°29	18°41	1°23	28°46	18°D44	3°28	2°15	21° 4	22°40	7°54	n.a.	M10
T 11	4 25 48	7°14'00	24°48	24°58	0♐44	19°14	1°21	28°53	18°44	3°28	2°17	21° 6	22°37	8° 1	n.a.	T 11
W12	4 29 45	8°15'08	8♍ 0	26°18	1°59	19°47	1°19	29° 0	18°44	3°29	2°19	21°R 6	22°34	8° 7	n.a.	W12
T 13	4 33 41	9°16'16	20°50	27°35	3°15	20°21	1°17	29° 7	18°44	3°29	2°20	21° 6	22°31	8°14	n.a.	T 13
F 14	4 37 38	10°17'22	3♎21	28°47	4°30	20°54	1°14	29°14	18°44	3°30	2°22	21° 3	22°28	8°21	n.a.	F 14
S 15	4 41 35	11°18'28	15°39	29°52	5°45	21°27	1°11	29°21	18°44	3°30	2°24	20°59	22°24	8°27	n.a.	S 15
S 16	4 45 31	12°19'33	27°45	0♑52	7° 1	22° 0	1° 8	29°29	18°45	3°31	2°25	20°52	22°21	8°34	n.a.	S 16
M17	4 49 28	13°20'37	9♏44	1°44	8°16	22°33	1° 5	29°36	18°45	3°32	2°27	20°45	22°18	8°41	n.a.	M17
T 18	4 53 24	14°21'41	21°38	2°27	9°31	23° 6	1° 2	29°43	18°45	3°32	2°29	20°38	22°15	8°47	n.a.	T 18
W19	4 57 21	15°22'43	3♐28	3° 2	10°46	23°39	0°58	29°50	18°46	3°33	2°30	20°31	22°12	8°54	n.a.	W19
T 20	5 1 17	16°23'44	15°18	3°27	12° 2	24°12	0°55	29°57	18°46	3°34	2°32	20°25	22° 9	9° 1	n.a.	T 20
F 21	5 5 14	17°24'44	27° 7	3°42	13°17	24°44	0°51	0♑ 4	18°47	3°35	2°34	20°21	22° 5	9° 7	n.a.	F 21
S 22	5 9 10	18°25'43	9♑ 0	3°R45	14°32	25°17	0°47	0°11	18°47	3°35	2°36	20°19	22° 2	9°14	n.a.	S 22
S 23	5 13 7	19°26'40	20°56	3°38	15°47	25°49	0°42	0°19	18°48	3°36	2°37	20°D18	21°59	9°21	n.a.	S 23
M24	5 17 4	20°27'36	3♒ 0	3°19	17° 3	26°21	0°38	0°26	18°49	3°37	2°39	20°19	21°56	9°27	n.a.	M24
T 25	5 21 0	21°28'31	15°15	2°49	18°18	26°53	0°33	0°33	18°49	3°38	2°41	20°20	21°53	9°34	n.a.	T 25
W26	5 24 57	22°29'23	27°43	2° 9	19°33	27°25	0°29	0°40	18°50	3°39	2°43	20°22	21°49	9°41	n.a.	W26
T 27	5 28 53	23°30'14	10♓28	1°20	20°48	27°57	0°24	0°48	18°51	3°40	2°44	20°24	21°46	9°47	n.a.	T 27
F 28	5 32 50	24°31'04	23°34	0°23	22° 3	28°29	0°19	0°55	18°52	3°41	2°46	20°R24	21°43	9°54	n.a.	F 28
S 29	5 36 46	25°31'51	7♈ 5	29♐19	23°18	29° 1	0°13	1° 2	18°53	3°42	2°48	20°24	21°40	10° 1	n.a.	S 29
S 30	5 40 43	26°32'37	21° 2	28°11	24°33	29°32	0° 8	1°10	18°54	3°43	2°50	20°22	21°37	10° 7	n.a.	S 30
M31	5 44 39	27♐33'21	5♉25	27♐ 0	25♐48	0♎ 4	0♎ 3	1♑17	18♓55	3♓44	2♑52	20♋19	21♋34	10♐14	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19s50	5s 4	4s41	24s18	2s 5	17s18	0n15	8n15	1n50	21n19	1n11	24s 8	0s18	5s12	0s44	12s 8	1s50	32s 5	8s15	22n 4	21n50	18s11		n.a.	S 1
S 2	20 5	0n18	5 2	24 32	2 3	17 41	0 13	8 2	1 51	21 20	1 12	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 15	22 5	21 51	18 12		n.a.	S 2
M 3	20 18	5 48	5 5	24 43	2 1	18 4	0 11	7 49	1 51	21 20	1 12	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 15	22 6	21 51	18 14		n.a.	M 3
T 4	20 32	11 8	4 47	24 53	1 59	18 27	0 8	7 36	1 52	21 21	1 12	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 15	22 7	21 52	18 16		n.a.	T 4
W 5	20 45	15 50	4 9	25 1	1 56	18 48	0 6	7 23	1 52	21 21	1 13	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 14	22 9	21 52	18 17		n.a.	W 5
T 6	20 57	19 31	3 12	25 7	1 52	19 10	0 3	7 10	1 52	21 22	1 13	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 14	22 10	21 53	18 19		n.a.	T 6
F 7	21 9	21 48	2 3	25 11	1 47	19 31	0 1	6 57	1 53	21 22	1 13	24 9	0 18	5 12	0 44	12 7	1 49	32 5	8 14	22 10	21 53	18 21		n.a.	F 7
S 8	21 21	22 30	0 45	25 12	1 41	19 51	0s 1	6 44	1 53	21 23	1 13	24 10	0 18	5 12	0 44	12 7	1 49	32 5	8 14	22 11	21 54	18 22		n.a.	S 8
S 9	21 33	21 38	0n33	25 12	1 35	20 11	0 4	6 31	1 53	21 23	1 14	24 10	0 18	5 12	0 44	12 6	1 49	32 5	8 14	22 11	21 54	18 24		n.a.	S 9
M10	21 44	19 26	1 47	25 9	1 27	20 30	0 6	6 18	1 54	21 24	1 14	24 10	0 18	5 12	0 44	12 6	1 49	32 5	8 14	22 11	21 55	18 26		n.a.	M10
T 11	21 54	16 11	2 52	25 5	1 19	20 48	0 9	6 5	1 54	21 25	1 14	24 10	0 19	5 12	0 44	12 6	1 49	32 5	8 14	22 10	21 56	18 28		n.a.	T 11
W12	22 4	12 13	3 47	24 58	1 10	21 6	0 11	5 52	1 55	21 26	1 15	24 10	0 19	5 12	0 44	12 6	1 49	32 5	8 14	22 10	21 56	18 29		n.a.	W12
T 13	22 14	7 47	4 28	24 50	0 59	21 23	0 13	5 39	1 55	21 27	1 15	24 10	0 19	5 12	0 44	12 5	1 49	32 5	8 14	22 10	21 57	18 31		n.a.	T 13
F 14	22 23	3 9	4 55	24 39	0 48	21 40	0 16	5 26	1 55	21 27	1 15	24 10	0 19	5 12	0 44	12 5	1 49	32 4	8 14	22 11	21 57	18 33		n.a.	F 14
S 15	22 32	1s32	5 9	24 27	0 36	21 56	0 18	5 13	1 56	21 28	1 16	24 10	0 19	5 12	0 44	12 5	1 49	32 4	8 14	22 12	21 58	18 34		n.a.	S 15
S 16	22 40	6 5	5 8	24 14	0 22	22 12	0 20	5 0	1 56	21 29	1 16	24 10	0 19	5 12	0 44	12 5	1 49	32 4	8 14	22 13	21 58	18 36		n.a.	S 16
M17	22 48	10 21	4 53	23 58	0 8	22 26	0 22	4 47	1 56	21 30	1 16	24 11	0 19	5 11	0 43	12 4	1 49	32 4	8 14	22 14	21 59	18 38		n.a.	M17
T 18	22 56	14 12	4 26	23 42	0n 8	22 41	0 25	4 34	1 57	21 31	1 16	24 11	0 19	5 11	0 43	12 4	1 49	32 4	8 14	22 15	21 59	18 39		n.a.	T 18
W19	23 3	17 29	3 48	23 25	0 24	22 54	0 27	4 21	1 57	21 32	1 17	24 11	0 19	5 11	0 43	12 4	1 48	32 4	8 14	22 16	22 0	18 41		n.a.	W19
T 20	23 9	20 4	3 0	23 7	0 42	23 7	0 29	4 8	1 57	21 34	1 17	24 11	0 19	5 11	0 43	12 3	1 48	32 4	8 14	22 17	22 0	18 43		n.a.	T 20
F 21	23 15	21 46	2 3	22 49	0 59	23 19	0 31	3 55	1 58	21 35	1 17	24 11	0 19	5 11	0 43	12 3	1 48	32 4	8 14	22 17	22 1	18 44		n.a.	F 21
S 22	23 21	22 32	1 2	22 31	1 18	23 30	0 34	3 43	1 58	21 36	1 18	24 11	0 19	5 10	0 43	12 3	1 48	32 4	8 14	22 18	22 1	18 46		n.a.	S 22
S 23	23 26	22 15	0s 4	22 13	1 36	23 41	0 36	3 30	1 58	21 37	1 18	24 11	0 19	5 10	0 43	12 2	1 48	32 4	8 14	22 18	22 2	18 48		n.a.	S 23
M24	23 31	20 57	1 9	21 55	1 55	23 51	0 38	3 17	1 59	21 38	1 18	24 11	0 19	5 10	0 43	12 2	1 48	32 4	8 14	22 18	22 2	18 49		n.a.	M24
T 25	23 35	18 39	2 13	21 37	2 13	24 0	0 40	3 4	1 59	21 40	1 18	24 11	0 19	5 9	0 43	12 1	1 48	32 4	8 14	22 17	22 3	18 51		n.a.	T 25
W26	23 39	15 28	3 11	21 21	2 30	24 8	0 42	2 52	1 59	21 41	1 19	24 11	0 20	5 9	0 43	12 1	1 48	32 4	8 14	22 17	22 3	18 52		n.a.	W26
T 27	23 42	11 29	4 2	21 5	2 46	24 16	0 44	2 39	2 0	21 42	1 19	24 11	0 20	5 9	0 43	12 1	1 48	32 4	8 14	22 17	22 4	18 54		n.a.	T 27
F 28	23 45	6 53	4 41	20 51	3 1	24 23	0 46	2 27	2 0	21 44	1 19	24 11	0 20	5 8	0 43	12 0	1 48	32 4	8 14	22 17	22 4	18 56		n.a.	F 28
S 29	23 47	1 49	5 7	20 37	3 14	24 29	0 48	2 14	2 0	21 45	1 19	24 11	0 20	5 8	0 43	12 0	1 48	32 4	8 14	22 17	22 5	18 57		n.a.	S 29
S 30	23 49	3n30	5 15	20 26	3 25	24 35	0 50	2 2	2 1	21 46	1 20	24 11	0 20	5 7	0 43	11 59	1 48	32 4	8 14	22 17	22 5	18 59		n.a.	S 30
M31	23s50	8n47	5s 4	20s15	3n34	24s39	0s52	1n49	2n 1	21n48	1n20	24s11	0s20	5s 7	0s43	11s59	1s48	32s 4	8s14	22n18	22n 6	19s 1		n.a.	M31

Julian Day Number = 1200910.5, Delta T = 09h22m37s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'21, Lahiri = -23°37'20 Julian Calendar 1 Dec. 1426 BCE == Greg. Calendar 18 Nov. 1426 BCE

The year -1425 astronomical counting style corresponds to year 1426 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

JANUARY 1425 BCE (-1424) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 48 36	28♐34'03	20♉10	25°R49	27♐ 3	0♎35	29°R57	1♑24	18♓56	3♓46	2♑53	20°R16	21♋30	10♐21	n.a.	T 1
W 2	5 52 33	29°34'43	5♊13	24♐39	28°19	1° 6	29♋51	1°31	18°57	3°47	2°55	20♋14	21°27	10°28	n.a.	W 2
T 3	5 56 29	0♑35'22	20°24	23°32	29°34	1°37	29°45	1°39	18°58	3°48	2°57	20°11	21°24	10°34	n.a.	T 3
F 4	6 0 26	1°35'59	5♋35	22°29	0♑49	2° 8	29°39	1°46	19° 0	3°49	2°59	20°10	21°21	10°41	n.a.	F 4
S 5	6 4 22	2°36'34	20°34	21°33	2° 4	2°38	29°33	1°53	19° 1	3°50	3° 0	20°D 9	21°18	10°48	n.a.	S 5
S 6	6 8 19	3°37'08	5♌15	20°43	3°19	3° 9	29°27	2° 1	19° 2	3°52	3° 2	20°10	21°15	10°54	n.a.	S 6
M 7	6 12 15	4°37'40	19°31	20° 0	4°34	3°39	29°20	2° 8	19° 4	3°53	3° 4	20°11	21°11	11° 1	n.a.	M 7
T 8	6 16 12	5°38'10	3♍21	19°25	5°49	4°10	29°14	2°15	19° 5	3°54	3° 6	20°12	21° 8	11° 8	n.a.	T 8
W 9	6 20 9	6°38'39	16°43	18°57	7° 3	4°40	29° 7	2°23	19° 7	3°56	3° 8	20°13	21° 5	11°14	n.a.	W 9
T 10	6 24 5	7°39'07	29°40	18°37	8°18	5°10	29° 0	2°30	19° 8	3°57	3° 9	20°14	21° 2	11°21	n.a.	T 10
F 11	6 28 2	8°39'33	12♎15	18°25	9°33	5°40	28°53	2°37	19°10	3°59	3°11	20°R14	20°59	11°28	n.a.	F 11
S 12	6 31 58	9°39'57	24°32	18°D20	10°48	6° 9	28°46	2°44	19°11	4° 0	3°13	20°13	20°55	11°34	n.a.	S 12
S 13	6 35 55	10°40'20	6♏37	18°22	12° 3	6°39	28°39	2°52	19°13	4° 2	3°15	20°13	20°52	11°41	n.a.	S 13
M14	6 39 51	11°40'41	18°32	18°31	13°18	7° 8	28°32	2°59	19°15	4° 3	3°16	20°11	20°49	11°48	n.a.	M14
T 15	6 43 48	12°41'01	0♐22	18°45	14°33	7°37	28°25	3° 6	19°16	4° 5	3°18	20°10	20°46	11°54	n.a.	T 15
W16	6 47 44	13°41'19	12°10	19° 5	15°48	8° 6	28°18	3°13	19°18	4° 6	3°20	20° 9	20°43	12° 1	n.a.	W16
T 17	6 51 41	14°41'35	24° 0	19°31	17° 3	8°35	28°10	3°21	19°20	4° 8	3°22	20° 9	20°40	12° 8	n.a.	T 17
F 18	6 55 38	15°41'49	5♑53	20° 2	18°17	9° 4	28° 3	3°28	19°22	4° 9	3°24	20° 8	20°36	12°14	n.a.	F 18
S 19	6 59 34	16°42'01	17°53	20°37	19°32	9°32	27°55	3°35	19°24	4°11	3°25	20°D 8	20°33	12°21	n.a.	S 19
S 20	7 3 31	17°42'11	0♒ 1	21°17	20°47	10° 0	27°48	3°42	19°26	4°13	3°27	20° 8	20°30	12°28	n.a.	S 20
M21	7 7 27	18°42'19	12°18	22° 0	22° 2	10°28	27°40	3°49	19°28	4°14	3°29	20° 8	20°27	12°34	n.a.	M21
T 22	7 11 24	19°42'25	24°47	22°47	23°17	10°56	27°32	3°57	19°30	4°16	3°30	20°R 8	20°24	12°41	n.a.	T 22
W23	7 15 20	20°42'29	7♓28	23°38	24°31	11°23	27°25	4° 4	19°32	4°18	3°32	20° 8	20°21	12°48	n.a.	W23
T 24	7 19 17	21°42'31	20°25	24°32	25°46	11°51	27°17	4°11	19°34	4°20	3°34	20° 8	20°17	12°54	n.a.	T 24
F 25	7 23 13	22°42'30	3♈37	25°29	27° 1	12°18	27° 9	4°18	19°36	4°21	3°36	20° 8	20°14	13° 1	n.a.	F 25
S 26	7 27 10	23°42'27	17° 7	26°28	28°15	12°45	27° 1	4°25	19°39	4°23	3°37	20°D 8	20°11	13° 8	n.a.	S 26
S 27	7 31 6	24°42'21	0♉56	27°30	29°30	13°11	26°54	4°32	19°41	4°25	3°39	20° 8	20° 8	13°14	n.a.	S 27
M28	7 35 3	25°42'13	15° 3	28°35	0♒45	13°38	26°46	4°39	19°43	4°27	3°41	20° 8	20° 5	13°21	n.a.	M28
T 29	7 39 0	26°42'03	29°28	29°42	1°59	14° 4	26°38	4°46	19°45	4°29	3°42	20° 8	20° 1	13°28	n.a.	T 29
W30	7 42 56	27°41'50	14♊ 7	0♑51	3°14	14°30	26°30	4°53	19°48	4°31	3°44	20° 9	19°58	13°34	n.a.	W30
T 31	7 46 53	28♑41'35	28♊55	2♑ 2	4♒29	14♎55	26♋22	5♑ 0	19♓50	4♓33	3♑46	20♋10	19♋55	13♐41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s51	13n43	4s33	20s 7	3n41	24s43	0s54	1n37	2n 1	21n49	1n20	24s11	0s20	5s 7	0s43	11s58	1s48	32s 4	8s14	22n18	22n 7	19s 2			n.a.
W 2	23 52	17 53	3 43	20 0	3 45	24 46	0 55	1 25	2 2	21 51	1 20	24 11	0 20	5 6	0 43	11 58	1 48	32 4	8 14	22 18	22 7	19 4			n.a.
T 3	23 52	20 54	2 37	19 55	3 47	24 49	0 57	1 12	2 2	21 52	1 21	24 11	0 20	5 6	0 43	11 57	1 48	32 4	8 14	22 19	22 8	19 5			n.a.
F 4	23 51	22 25	1 20	19 52	3 47	24 50	0 59	1 0	2 2	21 54	1 21	24 11	0 20	5 5	0 43	11 57	1 48	32 4	8 14	22 19	22 8	19 7			n.a.
S 5	23 50	22 18	0n 2	19 51	3 44	24 51	1 1	0 48	2 2	21 56	1 21	24 11	0 20	5 4	0 43	11 56	1 48	32 4	8 15	22 19	22 9	19 9			n.a.
S 6	23 49	20 37	1 23	19 52	3 40	24 51	1 2	0 36	2 3	21 57	1 21	24 11	0 20	5 4	0 43	11 56	1 48	32 4	8 15	22 19	22 9	19 10			n.a.
M 7	23 47	17 41	2 36	19 55	3 34	24 51	1 4	0 24	2 3	21 59	1 22	24 11	0 20	5 3	0 43	11 55	1 48	32 4	8 15	22 19	22 10	19 12			n.a.
T 8	23 44	13 49	3 37	19 59	3 27	24 49	1 5	0 12	2 3	22 0	1 22	24 11	0 21	5 3	0 43	11 55	1 47	32 4	8 15	22 19	22 10	19 14			n.a.
W 9	23 41	9 23	4 25	20 5	3 19	24 47	1 7	0s 0	2 4	22 2	1 22	24 11	0 21	5 2	0 43	11 54	1 47	32 4	8 15	22 19	22 11	19 15			n.a.
T 10	23 38	4 40	4 57	20 13	3 10	24 44	1 8	0 12	2 4	22 4	1 22	24 11	0 21	5 1	0 42	11 54	1 47	32 4	8 15	22 18	22 11	19 17			n.a.
F 11	23 34	0s 7	5 14	20 22	3 0	24 40	1 10	0 24	2 4	22 5	1 22	24 11	0 21	5 1	0 42	11 53	1 47	32 4	8 15	22 18	22 12	19 18			n.a.
S 12	23 30	4 47	5 16	20 32	2 49	24 36	1 11	0 35	2 4	22 7	1 23	24 11	0 21	5 0	0 42	11 52	1 47	32 4	8 15	22 18	22 12	19 20			n.a.
S 13	23 25	9 11	5 4	20 43	2 38	24 30	1 12	0 47	2 5	22 9	1 23	24 11	0 21	4 59	0 42	11 52	1 47	32 4	8 15	22 19	22 13	19 21			n.a.
M14	23 20	13 10	4 39	20 55	2 26	24 24	1 13	0 59	2 5	22 10	1 23	24 11	0 21	4 59	0 42	11 51	1 47	32 4	8 15	22 19	22 13	19 23			n.a.
T 15	23 15	16 38	4 3	21 8	2 15	24 17	1 15	1 10	2 5	22 12	1 23	24 11	0 21	4 58	0 42	11 51	1 47	32 4	8 15	22 19	22 14	19 25			n.a.
W16	23 9	19 25	3 16	21 22	2 3	24 10	1 16	1 21	2 5	22 14	1 23	24 10	0 21	4 57	0 42	11 50	1 47	32 4	8 15	22 19	22 14	19 26			n.a.
T 17	23 2	21 23	2 20	21 35	1 51	24 1	1 17	1 33	2 5	22 15	1 24	24 10	0 21	4 56	0 42	11 49	1 47	32 4	8 16	22 19	22 14	19 28			n.a.
F 18	22 55	22 25	1 18	21 50	1 39	23 52	1 18	1 44	2 6	22 17	1 24	24 10	0 21	4 56	0 42	11 49	1 47	32 4	8 16	22 19	22 15	19 29			n.a.
S 19	22 48	22 26	0 12	22 4	1 28	23 43	1 19	1 55	2 6	22 19	1 24	24 10	0 21	4 55	0 42	11 48	1 47	32 5	8 16	22 19	22 15	19 31			n.a.
S 20	22 40	21 24	0s55	22 18	1 16	23 32	1 20	2 6	2 6	22 20	1 24	24 10	0 22	4 54	0 42	11 47	1 47	32 5	8 16	22 19	22 16	19 32			n.a.
M21	22 32	19 20	2 0	22 32	1 5	23 21	1 21	2 17	2 6	22 22	1 24	24 10	0 22	4 53	0 42	11 47	1 47	32 5	8 16	22 19	22 16	19 34			n.a.
T 22	22 23	16 19	3 1	22 46	0 54	23 9	1 21	2 28	2 6	22 24	1 24	24 10	0 22	4 52	0 42	11 46	1 47	32 5	8 16	22 19	22 17	19 36			n.a.
W23	22 14	12 31	3 54	23 0	0 43	22 56	1 22	2 39	2 6	22 25	1 24	24 10	0 22	4 51	0 42	11 45	1 47	32 5	8 16	22 19	22 17	19 37			n.a.
T 24	22 5	8 5	4 36	23 13	0 32	22 43	1 23	2 50	2 7	22 27	1 25	24 10	0 22	4 51	0 42	11 45	1 47	32 5	8 16	22 19	22 18	19 39			n.a.
F 25	21 55	3 11	5 5	23 25	0 21	22 29	1 23	3 0	2 7	22 29	1 25	24 9	0 22	4 50	0 42	11 44	1 47	32 5	8 16	22 19	22 18	19 40			n.a.
S 26	21 44	1n58	5 17	23 38	0 11	22 14	1 24	3 11	2 7	22 31	1 25	24 9	0 22	4 49	0 42	11 43	1 47	32 5	8 17	22 19	22 19	19 42			n.a.
S 27	21 34	7 8	5 12	23 49	0 1	21 59	1 24	3 21	2 7	22 32	1 25	24 9	0 22	4 48	0 42	11 43	1 47	32 5	8 17	22 19	22 19	19 43			n.a.
M28	21 23	12 3	4 48	23 59	0s 8	21 43	1 25	3 31	2 7	22 34	1 25	24 9	0 22	4 47	0 42	11 42	1 47	32 5	8 17	22 19	22 20	19 45			n.a.
T 29	21 11	16 23	4 6	24 9	0 18	21 27	1 25	3 42	2 7	22 35	1 25	24 9	0 22	4 46	0 42	11 41	1 47	32 5	8 17	22 19	22 20	19 46			n.a.
W30	20 59	19 48	3 7	24 18	0 27	21 10	1 25	3 52	2 7	22 37	1 25	24 9	0 22	4 45	0 42	11 40	1 47	32 5	8 17	22 19	22 21	19 48			n.a.
T 31	20s47	21n56	1s55	24s26	0s35	20s52	1s26	4s 2	2n 7	22n39	1n25	24s 8	0s23	4s44	0s42	11s40	1s47	32s 5	8s17	22n19	22n21	19s49			n.a.

Julian Day Number = 1200941.5, Delta T = 09h22m36s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'16, Lahiri = -23°37'16 Julian Calendar 1 Jan. 1425 BCE == Greg. Calendar 19 Dec. 1426 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

FEBRUARY 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 50 49	29♉41'18	13♋46	3♉15	5♒43	15♎21	26°R14	5♉ 7	19♓53	4♓34	3♉47	20°R10	19♋52	13♐48	n.a.	F 1
S 2	7 54 46	0♒40'58	28°32	4°30	6°58	15°46	26♋ 7	5°14	19°55	4°36	3°49	20♋10	19°49	13°55	n.a.	S 2
S 3	7 58 42	1°40'36	13♌ 6	5°47	8°12	16°11	25°59	5°20	19°58	4°38	3°51	20° 9	19°46	14° 1	n.a.	S 3
M 4	8 2 39	2°40'12	27°22	7° 5	9°27	16°35	25°51	5°27	20° 0	4°40	3°52	20° 8	19°42	14° 8	n.a.	M 4
T 5	8 6 35	3°39'46	11♍16	8°25	10°41	17° 0	25°43	5°34	20° 3	4°42	3°54	20° 7	19°39	14°15	n.a.	T 5
W 6	8 10 32	4°39'18	24°44	9°47	11°56	17°24	25°36	5°41	20° 5	4°44	3°55	20° 5	19°36	14°21	n.a.	W 6
T 7	8 14 29	5°38'48	7♎48	11°10	13°10	17°47	25°28	5°47	20° 8	4°46	3°57	20° 3	19°33	14°28	n.a.	T 7
F 8	8 18 25	6°38'16	20°29	12°35	14°25	18°11	25°21	5°54	20°11	4°48	3°58	20° 1	19°30	14°35	n.a.	F 8
S 9	8 22 22	7°37'42	2♏50	14° 2	15°39	18°34	25°13	6° 1	20°13	4°50	4° 0	20°D 1	19°27	14°41	n.a.	S 9
S 10	8 26 18	8°37'06	14°57	15°29	16°53	18°57	25° 6	6° 7	20°16	4°52	4° 2	20° 1	19°23	14°48	n.a.	S 10
M11	8 30 15	9°36'29	26°52	16°59	18° 8	19°19	24°58	6°14	20°19	4°55	4° 3	20° 2	19°20	14°55	n.a.	M11
T 12	8 34 11	10°35'49	8♐42	18°29	19°22	19°41	24°51	6°20	20°22	4°57	4° 5	20° 3	19°17	15° 1	n.a.	T 12
W13	8 38 8	11°35'07	20°30	20° 1	20°37	20° 3	24°44	6°27	20°25	4°59	4° 6	20° 5	19°14	15° 8	n.a.	W13
T 14	8 42 4	12°34'24	2♑22	21°35	21°51	20°25	24°36	6°33	20°27	5° 1	4° 7	20° 6	19°11	15°15	n.a.	T 14
F 15	8 46 1	13°33'38	14°21	23°10	23° 5	20°46	24°29	6°39	20°30	5° 3	4° 9	20°R 7	19° 7	15°21	n.a.	F 15
S 16	8 49 57	14°32'51	26°29	24°46	24°20	21° 7	24°22	6°46	20°33	5° 5	4°10	20° 7	19° 4	15°28	n.a.	S 16
S 17	8 53 54	15°32'01	8♒50	26°23	25°34	21°27	24°15	6°52	20°36	5° 7	4°12	20° 6	19° 1	15°35	n.a.	S 17
M18	8 57 51	16°31'09	21°25	28° 2	26°48	21°47	24° 9	6°58	20°39	5° 9	4°13	20° 3	18°58	15°41	n.a.	M18
T 19	9 1 47	17°30'15	4♓13	29°43	28° 2	22° 6	24° 2	7° 4	20°42	5°12	4°15	20° 0	18°55	15°48	n.a.	T 19
W20	9 5 44	18°29'18	17°16	1♒24	29°17	22°25	23°55	7°11	20°45	5°14	4°16	19°55	18°52	15°55	n.a.	W20
T 21	9 9 40	19°28'19	0♈33	3° 8	0♓31	22°44	23°49	7°17	20°48	5°16	4°17	19°50	18°48	16° 1	n.a.	T 21
F 22	9 13 37	20°27'18	14° 3	4°52	1°45	23° 2	23°42	7°23	20°51	5°18	4°19	19°46	18°45	16° 8	n.a.	F 22
S 23	9 17 33	21°26'14	27°44	6°38	2°59	23°20	23°36	7°29	20°54	5°20	4°20	19°43	18°42	16°15	n.a.	S 23
S 24	9 21 30	22°25'08	11♉37	8°26	4°13	23°38	23°30	7°35	20°57	5°23	4°21	19°41	18°39	16°21	n.a.	S 24
M25	9 25 26	23°24'00	25°39	10°14	5°27	23°55	23°24	7°40	21° 1	5°25	4°23	19°D40	18°36	16°28	n.a.	M25
T 26	9 29 23	24°22'49	9♊50	12° 5	6°41	24°11	23°18	7°46	21° 4	5°27	4°24	19°41	18°33	16°35	n.a.	T 26
W27	9 33 19	25°21'35	24° 8	13°56	7°55	24°27	23°12	7°52	21° 7	5°29	4°25	19°43	18°29	16°41	n.a.	W27
T 28	9 37 16	26°20'20	8♋31	15°50	9° 9	24°43	23° 7	7°58	21°10	5°32	4°26	19°44	18°26	16°48	n.a.	T 28
F 29	9 41 13	27♒19'01	22♋54	17♒44	10♓23	24♎58	23♋ 1	8♉ 3	21♓13	5♓34	4♉27	19°R44	18♋23	16♐55	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s34	22n33	0s36	24s33	0s44	20s33	1s26	4s12	2n 7	22n40	1n25	24s 8	0s23	4s43	0s42	11s39	1s47	32s 6	8s17	22n19	22n22	19s51		n.a.
S 2	20 22	21 34	0n46	24 39	0 52	20 14	1 26	4 21	2 7	22 42	1 26	24 8	0 23	4 42	0 42	11 38	1 47	32 6	8 18	22 19	22 22	19 52		n.a.
S 3	20 8	19 9	2 4	24 43	0 59	19 55	1 26	4 31	2 7	22 43	1 26	24 8	0 23	4 41	0 42	11 38	1 46	32 6	8 18	22 19	22 23	19 54		n.a.
M 4	19 55	15 36	3 12	24 47	1 7	19 35	1 26	4 41	2 7	22 45	1 26	24 8	0 23	4 40	0 42	11 37	1 46	32 6	8 18	22 19	22 23	19 55		n.a.
T 5	19 41	11 16	4 7	24 49	1 14	19 14	1 26	4 50	2 7	22 47	1 26	24 7	0 23	4 39	0 42	11 36	1 46	32 6	8 18	22 20	22 24	19 57		n.a.
W 6	19 26	6 29	4 46	24 49	1 20	18 53	1 25	4 59	2 7	22 48	1 26	24 7	0 23	4 38	0 42	11 35	1 46	32 6	8 18	22 20	22 24	19 58		n.a.
T 7	19 11	1 34	5 9	24 49	1 26	18 31	1 25	5 9	2 7	22 50	1 26	24 7	0 23	4 37	0 42	11 34	1 46	32 6	8 18	22 20	22 25	20 0		n.a.
F 8	18 56	3s16	5 16	24 47	1 32	18 9	1 25	5 18	2 7	22 51	1 26	24 7	0 23	4 35	0 42	11 34	1 46	32 6	8 19	22 20	22 25	20 1		n.a.
S 9	18 41	7 51	5 9	24 44	1 38	17 46	1 25	5 27	2 7	22 52	1 26	24 7	0 23	4 34	0 41	11 33	1 46	32 7	8 19	22 20	22 25	20 3		n.a.
S 10	18 25	12 2	4 47	24 39	1 43	17 23	1 24	5 35	2 7	22 54	1 26	24 6	0 23	4 33	0 41	11 32	1 46	32 7	8 19	22 20	22 26	20 4		n.a.
M11	18 10	15 42	4 13	24 32	1 47	16 59	1 24	5 44	2 7	22 55	1 26	24 6	0 24	4 32	0 41	11 31	1 46	32 7	8 19	22 20	22 26	20 6		n.a.
T 12	17 53	18 42	3 29	24 24	1 52	16 35	1 23	5 53	2 7	22 57	1 26	24 6	0 24	4 31	0 41	11 30	1 46	32 7	8 19	22 20	22 27	20 7		n.a.
W13	17 37	20 55	2 36	24 15	1 56	16 11	1 23	6 1	2 7	22 58	1 26	24 6	0 24	4 30	0 41	11 30	1 46	32 7	8 20	22 20	22 27	20 9		n.a.
T 14	17 20	22 14	1 36	24 3	1 59	15 46	1 22	6 10	2 7	22 59	1 26	24 6	0 24	4 29	0 41	11 29	1 46	32 7	8 20	22 20	22 28	20 10		n.a.
F 15	17 3	22 33	0 32	23 50	2 2	15 20	1 21	6 18	2 7	23 1	1 26	24 5	0 24	4 27	0 41	11 28	1 46	32 7	8 20	22 19	22 28	20 12		n.a.
S 16	16 45	21 48	0s35	23 36	2 5	14 54	1 20	6 26	2 6	23 2	1 26	24 5	0 24	4 26	0 41	11 27	1 46	32 8	8 20	22 19	22 29	20 13		n.a.
S 17	16 28	20 0	1 41	23 19	2 7	14 28	1 20	6 34	2 6	23 3	1 26	24 5	0 24	4 25	0 41	11 26	1 46	32 8	8 20	22 20	22 29	20 14		n.a.
M18	16 10	17 11	2 44	23 1	2 8	14 2	1 19	6 41	2 6	23 4	1 26	24 5	0 24	4 24	0 41	11 26	1 46	32 8	8 21	22 20	22 30	20 16		n.a.
T 19	15 52	13 31	3 39	22 41	2 10	13 35	1 18	6 49	2 6	23 6	1 26	24 4	0 24	4 23	0 41	11 25	1 46	32 8	8 21	22 21	22 30	20 17		n.a.
W20	15 33	9 9	4 24	22 19	2 10	13 7	1 17	6 56	2 5	23 7	1 26	24 4	0 24	4 21	0 41	11 24	1 46	32 8	8 21	22 21	22 30	20 19		n.a.
T 21	15 14	4 17	4 55	21 55	2 11	12 40	1 16	7 4	2 5	23 8	1 26	24 4	0 25	4 20	0 41	11 23	1 46	32 8	8 21	22 22	22 31	20 20		n.a.
F 22	14 56	0n52	5 11	21 29	2 10	12 12	1 14	7 11	2 5	23 9	1 26	24 4	0 25	4 19	0 41	11 22	1 46	32 8	8 21	22 23	22 31	20 22		n.a.
S 23	14 36	6 3	5 10	21 2	2 10	11 43	1 13	7 18	2 4	23 10	1 26	24 4	0 25	4 18	0 41	11 21	1 46	32 9	8 22	22 23	22 32	20 23		n.a.
S 24	14 17	10 59	4 50	20 32	2 8	11 15	1 12	7 25	2 4	23 11	1 26	24 3	0 25	4 16	0 41	11 21	1 46	32 9	8 22	22 23	22 32	20 25		n.a.
M25	13 57	15 25	4 13	20 1	2 7	10 46	1 11	7 32	2 4	23 12	1 26	24 3	0 25	4 15	0 41	11 20	1 46	32 9	8 22	22 23	22 33	20 26		n.a.
T 26	13 38	19 1	3 21	19 28	2 4	10 17	1 9	7 38	2 3	23 13	1 26	24 3	0 25	4 14	0 41	11 19	1 46	32 9	8 22	22 23	22 33	20 27		n.a.
W27	13 18	21 29	2 15	18 52	2 2	9 47	1 8	7 45	2 3	23 14	1 26	24 3	0 25	4 13	0 41	11 18	1 46	32 9	8 23	22 23	22 34	20 29		n.a.
T 28	12 57	22 34	1 1	18 15	1 58	9 18	1 6	7 51	2 2	23 15	1 25	24 2	0 25	4 11	0 41	11 17	1 46	32 10	8 23	22 23	22 34	20 30		n.a.
F 29	12s37	22n10	0n17	17s36	1s54	8s48	1s 5	7s57	2n 2	23n16	1n25	24s 2	0s25	4s10	0s41	11s16	1s46	32s10	8s23	22n23	22n34	20s32		n.a.

Julian Day Number = 1200972.5, Delta T = 09h22m34s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'12, Lahiri = -23°37'12 Julian Calendar 1 Feb. 1425 BCE == Greg. Calendar 19 Jan. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

MARCH 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 45 9	28♒17'41	7♌15	19♒40	11♓37	25♎12	22°R56	8♉ 9	21♓17	5♓36	4♉29	19°R43	18♋20	17♐ 1	n.a.	S 1
S 2	9 49 6	29°16'18	21°28	21°38	12°51	25°26	22♋51	8°14	21°20	5°38	4°30	19♋40	18°17	17° 8	n.a.	S 2
M 3	9 53 2	0♓14'53	5♍29	23°37	14° 5	25°40	22°46	8°20	21°23	5°40	4°31	19°35	18°13	17°15	n.a.	M 3
T 4	9 56 59	1°13'26	19°13	25°37	15°19	25°53	22°41	8°25	21°26	5°43	4°32	19°29	18°10	17°21	n.a.	T 4
W 5	10 0 55	2°11'57	2♎37	27°39	16°33	26° 5	22°36	8°30	21°30	5°45	4°33	19°21	18° 7	17°28	n.a.	W 5
T 6	10 4 52	3°10'26	15°40	29°42	17°47	26°17	22°32	8°36	21°33	5°47	4°34	19°14	18° 4	17°35	n.a.	T 6
F 7	10 8 48	4° 8'54	28°23	1♓46	19° 0	26°29	22°28	8°41	21°36	5°50	4°35	19° 8	18° 1	17°41	n.a.	F 7
S 8	10 12 45	5° 7'19	10♏46	3°51	20°14	26°39	22°23	8°46	21°39	5°52	4°36	19° 3	17°58	17°48	n.a.	S 8
S 9	10 16 41	6° 5'43	22°54	5°57	21°28	26°50	22°19	8°51	21°43	5°54	4°37	19° 0	17°54	17°55	n.a.	S 9
M10	10 20 38	7° 4'05	4♐50	8° 3	22°42	26°59	22°15	8°56	21°46	5°56	4°38	18°D59	17°51	18° 1	n.a.	M10
T 11	10 24 35	8° 2'25	16°41	10°11	23°55	27° 8	22°12	9° 1	21°50	5°59	4°39	19° 0	17°48	18° 8	n.a.	T 11
W12	10 28 31	9° 0'44	28°30	12°18	25° 9	27°16	22° 8	9° 6	21°53	6° 1	4°40	19° 1	17°45	18°15	n.a.	W12
T 13	10 32 28	9°59'00	10♑24	14°26	26°23	27°24	22° 5	9°11	21°56	6° 3	4°41	19° 2	17°42	18°21	n.a.	T 13
F 14	10 36 24	10°57'16	22°26	16°34	27°36	27°31	22° 2	9°15	22° 0	6° 5	4°42	19°R 2	17°38	18°28	n.a.	F 14
S 15	10 40 21	11°55'29	4♒42	18°41	28°50	27°38	21°59	9°20	22° 3	6° 8	4°43	19° 1	17°35	18°35	n.a.	S 15
S 16	10 44 17	12°53'41	17°14	20°47	0♈ 4	27°43	21°56	9°25	22° 7	6°10	4°44	18°57	17°32	18°41	n.a.	S 16
M17	10 48 14	13°51'51	0♓ 4	22°52	1°17	27°48	21°53	9°29	22°10	6°12	4°45	18°52	17°29	18°48	n.a.	M17
T 18	10 52 10	14°49'59	13°14	24°56	2°31	27°52	21°51	9°33	22°13	6°14	4°45	18°44	17°26	18°55	n.a.	T 18
W19	10 56 7	15°48'05	26°41	26°59	3°44	27°56	21°48	9°38	22°17	6°17	4°46	18°34	17°23	19° 1	n.a.	W19
T 20	11 0 4	16°46'09	10♈24	28°59	4°58	27°59	21°46	9°42	22°20	6°19	4°47	18°25	17°19	19° 8	n.a.	T 20
F 21	11 4 0	17°44'11	24°18	0♈57	6°11	28° 1	21°44	9°46	22°24	6°21	4°48	18°16	17°16	19°15	n.a.	F 21
S 22	11 7 57	18°42'12	8♉21	2°53	7°25	28° 2	21°43	9°50	22°27	6°23	4°48	18° 8	17°13	19°21	n.a.	S 22
S 23	11 11 53	19°40'10	22°29	4°46	8°38	28°R 3	21°41	9°54	22°31	6°25	4°49	18° 3	17°10	19°28	n.a.	S 23
M24	11 15 50	20°38'07	6♊39	6°36	9°51	28° 3	21°40	9°58	22°34	6°28	4°50	18° 0	17° 7	19°35	n.a.	M24
T 25	11 19 46	21°36'01	20°48	8°22	11° 5	28° 2	21°38	10° 2	22°37	6°30	4°50	17°D59	17° 4	19°41	n.a.	T 25
W26	11 23 43	22°33'54	4♋55	10° 6	12°18	28° 1	21°37	10° 6	22°41	6°32	4°51	18° 0	17° 0	19°48	n.a.	W26
T 27	11 27 39	23°31'44	19° 0	11°46	13°31	27°59	21°37	10° 9	22°44	6°34	4°52	18°R 0	16°57	19°55	n.a.	T 27
F 28	11 31 36	24°29'33	3♌ 0	13°23	14°44	27°56	21°36	10°13	22°48	6°36	4°52	17°59	16°54	20° 1	n.a.	F 28
S 29	11 35 32	25°27'20	16°55	14°55	15°58	27°52	21°35	10°17	22°51	6°39	4°53	17°56	16°51	20° 8	n.a.	S 29
S 30	11 39 29	26°25'04	0♍42	16°25	17°11	27°47	21°35	10°20	22°55	6°41	4°53	17°51	16°48	20°15	n.a.	S 30
M31	11 43 26	27♓22'48	14♍19	17♈50	18♈24	27♎42	21°D35	10♑23	22♓58	6♓43	4♉54	17♋42	16♋44	20♐21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s16	20n18	1n34	16s55	1s50	8s18	1s 3	8s 3	2n 1	23n16	1n25	24s 2	0s26	4s 9	0s41	11s16	1s46	32s10	8s23	22n23	22n35	20s33		n.a.
S 2	11 56	17 10	2 44	16 12	1 45	7 48	1 1	8 8	2 0	23 17	1 25	24 2	0 26	4 7	0 41	11 15	1 46	32 10	8 23	22 24	22 35	20 34		n.a.
M 3	11 35	13 6	3 43	15 27	1 39	7 17	1 0	8 14	2 0	23 18	1 25	24 1	0 26	4 6	0 41	11 14	1 46	32 10	8 24	22 24	22 36	20 36		n.a.
T 4	11 14	8 26	4 27	14 40	1 33	6 46	0 58	8 19	1 59	23 19	1 25	24 1	0 26	4 5	0 41	11 13	1 46	32 11	8 24	22 25	22 36	20 37		n.a.
W 5	10 53	3 27	4 56	13 51	1 27	6 16	0 56	8 25	1 58	23 19	1 25	24 1	0 26	4 3	0 41	11 12	1 46	32 11	8 24	22 26	22 37	20 39		n.a.
T 6	10 31	1s32	5 8	13 1	1 19	5 45	0 54	8 30	1 58	23 20	1 25	24 1	0 26	4 2	0 41	11 11	1 46	32 11	8 24	22 27	22 37	20 40		n.a.
F 7	10 10	6 20	5 5	12 9	1 12	5 13	0 52	8 35	1 57	23 21	1 25	24 0	0 26	4 1	0 41	11 10	1 46	32 11	8 25	22 28	22 38	20 41		n.a.
S 8	9 48	10 46	4 47	11 15	1 3	4 42	0 50	8 39	1 56	23 21	1 25	24 0	0 26	3 59	0 41	11 10	1 46	32 11	8 25	22 29	22 38	20 43		n.a.
S 9	9 26	14 41	4 17	10 20	0 55	4 11	0 48	8 44	1 55	23 22	1 25	24 0	0 26	3 58	0 41	11 9	1 46	32 12	8 25	22 29	22 38	20 44		n.a.
M10	9 4	17 57	3 36	9 24	0 46	3 39	0 46	8 48	1 54	23 22	1 24	24 0	0 27	3 57	0 41	11 8	1 46	32 12	8 25	22 29	22 39	20 45		n.a.
T 11	8 42	20 26	2 46	8 26	0 36	3 8	0 44	8 52	1 53	23 23	1 24	24 0	0 27	3 55	0 41	11 7	1 46	32 12	8 26	22 29	22 39	20 47		n.a.
W12	8 20	22 3	1 49	7 28	0 26	2 36	0 42	8 56	1 52	23 23	1 24	23 59	0 27	3 54	0 41	11 6	1 46	32 12	8 26	22 29	22 40	20 48		n.a.
T 13	7 58	22 40	0 46	6 28	0 16	2 4	0 40	9 0	1 51	23 24	1 24	23 59	0 27	3 53	0 41	11 5	1 46	32 13	8 26	22 29	22 40	20 49		n.a.
F 14	7 35	22 15	0s18	5 28	0 5	1 33	0 38	9 4	1 50	23 24	1 24	23 59	0 27	3 51	0 41	11 5	1 46	32 13	8 27	22 29	22 41	20 51		n.a.
S 15	7 13	20 46	1 23	4 28	0n 6	1 1	0 36	9 7	1 49	23 25	1 24	23 59	0 27	3 50	0 41	11 4	1 46	32 13	8 27	22 29	22 41	20 52		n.a.
S 16	6 50	18 15	2 26	3 27	0 17	0 29	0 33	9 10	1 48	23 25	1 24	23 59	0 27	3 48	0 41	11 3	1 46	32 13	8 27	22 30	22 41	20 54		n.a.
M17	6 27	14 47	3 22	2 27	0 28	0n 3	0 31	9 13	1 47	23 25	1 24	23 58	0 27	3 47	0 41	11 2	1 46	32 13	8 27	22 30	22 42	20 55		n.a.
T 18	6 5	10 31	4 9	1 27	0 39	0 35	0 29	9 16	1 45	23 26	1 23	23 58	0 28	3 46	0 41	11 1	1 46	32 14	8 28	22 32	22 42	20 56		n.a.
W19	5 42	5 39	4 43	0 28	0 50	1 7	0 26	9 19	1 44	23 26	1 23	23 58	0 28	3 44	0 41	11 0	1 46	32 14	8 28	22 33	22 43	20 58		n.a.
T 20	5 19	0 26	5 2	0n31	1 1	1 38	0 24	9 21	1 43	23 26	1 23	23 58	0 28	3 43	0 41	11 0	1 46	32 14	8 28	22 34	22 43	20 59		n.a.
F 21	4 56	4n54	5 3	1 28	1 11	2 10	0 22	9 23	1 41	23 26	1 23	23 58	0 28	3 41	0 41	10 59	1 46	32 14	8 28	22 35	22 43	21 0		n.a.
S 22	4 33	10 2	4 46	2 25	1 22	2 42	0 19	9 25	1 40	23 26	1 23	23 57	0 28	3 40	0 41	10 58	1 46	32 15	8 29	22 37	22 44	21 1		n.a.
S 23	4 10	14 40	4 12	3 19	1 32	3 14	0 17	9 27	1 38	23 26	1 23	23 57	0 28	3 39	0 41	10 57	1 46	32 15	8 29	22 37	22 44	21 3		n.a.
M24	3 46	18 29	3 22	4 12	1 41	3 45	0 14	9 28	1 36	23 27	1 23	23 57	0 28	3 37	0 41	10 56	1 46	32 15	8 29	22 38	22 45	21 4		n.a.
T 25	3 23	21 13	2 20	5 3	1 50	4 17	0 12	9 30	1 35	23 27	1 22	23 57	0 28	3 36	0 41	10 55	1 46	32 15	8 30	22 38	22 45	21 5		n.a.
W26	3 0	22 37	1 9	5 53	1 59	4 48	0 9	9 31	1 33	23 27	1 22	23 57	0 29	3 35	0 41	10 55	1 46	32 16	8 30	22 38	22 46	21 7		n.a.
T 27	2 37	22 35	0n 5	6 40	2 6	5 20	0 6	9 32	1 31	23 27	1 22	23 57	0 29	3 33	0 41	10 54	1 46	32 16	8 30	22 38	22 46	21 8		n.a.
F 28	2 14	21 7	1 19	7 25	2 14	5 51	0 4	9 32	1 29	23 26	1 22	23 56	0 29	3 32	0 41	10 53	1 46	32 16	8 30	22 38	22 46	21 9		n.a.
S 29	1 50	18 23	2 27	8 8	2 20	6 22	0 1	9 33	1 27	23 26	1 22	23 56	0 29	3 30	0 41	10 52	1 46	32 16	8 31	22 38	22 47	21 11		n.a.
S 30	1 27	14 38	3 26	8 48	2 26	6 53	0n 1	9 33	1 25	23 26	1 22	23 56	0 29	3 29	0 41	10 51	1 46	32 17	8 31	22 39	22 47	21 12		n.a.
M31	1s 4	10n 9	4n13	9n26	2n31	7n24	0n 4	9s33	1n23	23n26	1n21	23s56	0s29	3s28	0s41	10s51	1s46	32s17	8s31	22n40	22n48	21s13		n.a.

Julian Day Number = 1201001.5, Delta T = 09h22m32s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'08, Lahiri = -23°37'08 Julian Calendar 1 March 1425 BCE == Greg. Calendar 17 Feb. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

APRIL 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 47 22	28♓20'29	27♍44	19♈11	19♈37	27°R36	21♋35	10♑27	23♓ 1	6♓45	4♑54	17°R32	16♋41	20♐28	n.a.	T 1
W 2	11 51 19	29°18'09	10♎53	20°29	20°50	27♎29	21°35	10°30	23° 5	6°47	4°55	17♋20	16°38	20°35	n.a.	W 2
T 3	11 55 15	0♈15'47	23°46	21°42	22° 3	27°22	21°36	10°33	23° 8	6°49	4°55	17° 9	16°35	20°41	n.a.	T 3
F 4	11 59 12	1°13'24	6♏22	22°52	23°16	27°14	21°37	10°36	23°12	6°51	4°55	16°58	16°32	20°48	n.a.	F 4
S 5	12 3 8	2°11'00	18°42	23°57	24°29	27° 5	21°37	10°39	23°15	6°53	4°56	16°49	16°29	20°54	n.a.	S 5
S 6	12 7 5	3° 8'35	0♐48	24°58	25°42	26°55	21°38	10°42	23°19	6°56	4°56	16°42	16°25	21° 1	n.a.	S 6
M 7	12 11 1	4° 6'08	12°44	25°55	26°55	26°45	21°39	10°44	23°22	6°58	4°56	16°38	16°22	21° 8	n.a.	M 7
T 8	12 14 58	5° 3'41	24°34	26°48	28° 8	26°33	21°41	10°47	23°25	7° 0	4°57	16°37	16°19	21°14	n.a.	T 8
W 9	12 18 55	6° 1'12	6♑23	27°36	29°21	26°22	21°42	10°50	23°29	7° 2	4°57	16°D36	16°16	21°21	n.a.	W 9
T 10	12 22 51	6°58'42	18°17	28°20	0♉34	26° 9	21°44	10°52	23°32	7° 4	4°57	16°R36	16°13	21°28	n.a.	T 10
F 11	12 26 48	7°56'12	0♒21	29° 0	1°46	25°56	21°46	10°54	23°36	7° 6	4°57	16°36	16° 9	21°34	n.a.	F 11
S 12	12 30 44	8°53'40	12°40	29°35	2°59	25°42	21°48	10°57	23°39	7° 8	4°57	16°33	16° 6	21°41	n.a.	S 12
S 13	12 34 41	9°51'07	25°18	0♉ 5	4°12	25°28	21°50	10°59	23°42	7°10	4°58	16°29	16° 3	21°48	n.a.	S 13
M14	12 38 37	10°48'33	8♓19	0°30	5°25	25°13	21°53	11° 1	23°46	7°12	4°58	16°22	16° 0	21°54	n.a.	M14
T 15	12 42 34	11°45'58	21°44	0°51	6°37	24°57	21°55	11° 3	23°49	7°14	4°58	16°12	15°57	22° 1	n.a.	T 15
W16	12 46 30	12°43'22	5♈31	1° 8	7°50	24°41	21°58	11° 5	23°52	7°16	4°58	16° 1	15°54	22° 8	n.a.	W16
T 17	12 50 27	13°40'45	19°37	1°19	9° 3	24°25	22° 1	11° 6	23°55	7°17	4°58	15°49	15°50	22°14	n.a.	T 17
F 18	12 54 24	14°38'07	3♉58	1°26	10°15	24° 8	22° 4	11° 8	23°59	7°19	4°R58	15°38	15°47	22°21	n.a.	F 18
S 19	12 58 20	15°35'28	18°27	1°R28	11°28	23°50	22° 7	11°10	24° 2	7°21	4°58	15°29	15°44	22°28	n.a.	S 19
S 20	13 2 17	16°32'48	2♊57	1°26	12°40	23°33	22°11	11°11	24° 5	7°23	4°58	15°22	15°41	22°34	n.a.	S 20
M21	13 6 13	17°30'06	17°24	1°19	13°53	23°14	22°14	11°13	24° 9	7°25	4°58	15°18	15°38	22°41	n.a.	M21
T 22	13 10 10	18°27'24	1♋43	1° 8	15° 5	22°56	22°18	11°14	24°12	7°27	4°58	15°16	15°35	22°48	n.a.	T 22
W23	13 14 6	19°24'40	15°51	0°53	16°18	22°37	22°22	11°15	24°15	7°29	4°58	15°16	15°31	22°54	n.a.	W23
T 24	13 18 3	20°21'55	29°49	0°34	17°30	22°18	22°26	11°16	24°18	7°30	4°57	15°16	15°28	23° 1	n.a.	T 24
F 25	13 21 59	21°19'09	13♌36	0°11	18°42	21°59	22°30	11°17	24°21	7°32	4°57	15°15	15°25	23° 8	n.a.	F 25
S 26	13 25 56	22°16'21	27°12	29♈46	19°55	21°40	22°35	11°18	24°24	7°34	4°57	15°11	15°22	23°14	n.a.	S 26
S 27	13 29 53	23°13'33	10♍37	29°18	21° 7	21°21	22°39	11°19	24°28	7°36	4°57	15° 5	15°19	23°21	n.a.	S 27
M28	13 33 49	24°10'43	23°51	28°47	22°19	21° 1	22°44	11°20	24°31	7°37	4°57	14°56	15°15	23°28	n.a.	M28
T 29	13 37 46	25° 7'53	6♎53	28°15	23°31	20°42	22°49	11°20	24°34	7°39	4°56	14°45	15°12	23°34	n.a.	T 29
W30	13 41 42	26♈ 5'02	19♎43	27♈42	24♉43	20♎23	22♋54	11♑21	24♓37	7♓41	4♑56	14♋33	15♋ 9	23♐41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s40	5n15	4n44	10n 2	2n35	7n54	0n 7	9s33	1n21	23n26	1n21	23s56	0s29	3s26	0s41	10s50	1s46	32s17	8s32	22n41	22n48	21s14		n.a.
W 2	0 17	0 12	5 0	10 35	2 39	8 25	0 9	9 32	1 19	23 26	1 21	23 56	0 29	3 25	0 41	10 49	1 46	32 18	8 32	22 43	22 48	21 16		n.a.
T 3	0n 6	4s45	5 0	11 5	2 41	8 55	0 12	9 32	1 16	23 26	1 21	23 56	0 30	3 23	0 41	10 48	1 47	32 18	8 32	22 44	22 49	21 17		n.a.
F 4	0 30	9 24	4 45	11 34	2 43	9 25	0 15	9 31	1 14	23 25	1 21	23 55	0 30	3 22	0 41	10 48	1 47	32 18	8 32	22 46	22 49	21 18		n.a.
S 5	0 53	13 35	4 17	11 59	2 44	9 55	0 17	9 30	1 12	23 25	1 21	23 55	0 30	3 21	0 41	10 47	1 47	32 18	8 33	22 47	22 50	21 19		n.a.
S 6	1 16	17 8	3 38	12 22	2 44	10 25	0 20	9 29	1 9	23 25	1 20	23 55	0 30	3 19	0 41	10 46	1 47	32 19	8 33	22 48	22 50	21 21		n.a.
M 7	1 40	19 55	2 49	12 43	2 43	10 54	0 23	9 27	1 6	23 24	1 20	23 55	0 30	3 18	0 41	10 45	1 47	32 19	8 33	22 48	22 50	21 22		n.a.
T 8	2 3	21 51	1 54	13 0	2 41	11 23	0 25	9 26	1 4	23 24	1 20	23 55	0 30	3 17	0 41	10 45	1 47	32 19	8 34	22 49	22 51	21 23		n.a.
W 9	2 26	22 48	0 54	13 16	2 38	11 52	0 28	9 24	1 1	23 24	1 20	23 55	0 30	3 15	0 41	10 44	1 47	32 19	8 34	22 49	22 51	21 24		n.a.
T 10	2 49	22 44	0s 9	13 28	2 34	12 21	0 31	9 22	0 58	23 23	1 20	23 55	0 31	3 14	0 41	10 43	1 47	32 20	8 34	22 49	22 51	21 26		n.a.
F 11	3 12	21 36	1 12	13 38	2 30	12 49	0 33	9 20	0 55	23 23	1 20	23 55	0 31	3 13	0 41	10 42	1 47	32 20	8 34	22 49	22 52	21 27		n.a.
S 12	3 35	19 26	2 13	13 45	2 24	13 17	0 36	9 18	0 53	23 22	1 19	23 55	0 31	3 11	0 41	10 42	1 47	32 20	8 35	22 49	22 52	21 28		n.a.
S 13	3 58	16 17	3 10	13 50	2 17	13 45	0 38	9 15	0 50	23 22	1 19	23 55	0 31	3 10	0 41	10 41	1 47	32 21	8 35	22 49	22 53	21 29		n.a.
M14	4 21	12 15	3 58	13 52	2 9	14 12	0 41	9 12	0 46	23 21	1 19	23 55	0 31	3 9	0 41	10 40	1 47	32 21	8 35	22 50	22 53	21 31		n.a.
T 15	4 44	7 31	4 34	13 51	2 1	14 39	0 44	9 9	0 43	23 20	1 19	23 55	0 31	3 7	0 41	10 39	1 47	32 21	8 36	22 52	22 53	21 32		n.a.
W16	5 7	2 17	4 56	13 48	1 51	15 6	0 46	9 6	0 40	23 20	1 19	23 55	0 31	3 6	0 41	10 39	1 47	32 21	8 36	22 53	22 54	21 33		n.a.
T 17	5 29	3n11	5 0	13 42	1 40	15 32	0 49	9 3	0 37	23 19	1 19	23 55	0 32	3 5	0 41	10 38	1 47	32 22	8 36	22 54	22 54	21 34		n.a.
F 18	5 52	8 35	4 46	13 33	1 28	15 58	0 51	9 0	0 34	23 19	1 18	23 55	0 32	3 3	0 41	10 37	1 47	32 22	8 36	22 56	22 55	21 35		n.a.
S 19	6 15	13 34	4 13	13 22	1 16	16 23	0 54	8 56	0 30	23 18	1 18	23 55	0 32	3 2	0 41	10 37	1 47	32 22	8 37	22 57	22 55	21 37		n.a.
S 20	6 37	17 47	3 24	13 9	1 2	16 48	0 56	8 53	0 27	23 17	1 18	23 55	0 32	3 1	0 41	10 36	1 47	32 23	8 37	22 58	22 55	21 38		n.a.
M21	6 59	20 54	2 22	12 53	0 48	17 13	0 59	8 49	0 24	23 16	1 18	23 55	0 32	2 59	0 41	10 35	1 47	32 23	8 37	22 58	22 56	21 39		n.a.
T 22	7 21	22 40	1 11	12 35	0 33	17 37	1 1	8 45	0 20	23 16	1 18	23 55	0 32	2 58	0 41	10 35	1 47	32 23	8 38	22 58	22 56	21 40		n.a.
W23	7 44	22 57	0n 3	12 16	0 18	18 1	1 4	8 42	0 17	23 15	1 18	23 55	0 32	2 57	0 41	10 34	1 47	32 23	8 38	22 58	22 56	21 41		n.a.
T 24	8 6	21 47	1 16	11 54	0 2	18 24	1 6	8 38	0 13	23 14	1 18	23 55	0 33	2 55	0 41	10 34	1 47	32 24	8 38	22 58	22 57	21 42		n.a.
F 25	8 27	19 20	2 24	11 30	0s15	18 47	1 8	8 34	0 10	23 13	1 17	23 55	0 33	2 54	0 41	10 33	1 47	32 24	8 38	22 58	22 57	21 44		n.a.
S 26	8 49	15 49	3 22	11 6	0 32	19 10	1 11	8 30	0 6	23 12	1 17	23 55	0 33	2 53	0 41	10 32	1 47	32 24	8 39	22 59	22 58	21 45		n.a.
S 27	9 11	11 32	4 9	10 40	0 49	19 32	1 13	8 26	0 2	23 11	1 17	23 55	0 33	2 52	0 41	10 32	1 47	32 25	8 39	22 59	22 58	21 46		n.a.
M28	9 32	6 46	4 41	10 13	1 5	19 53	1 15	8 22	0s 1	23 10	1 17	23 55	0 33	2 50	0 41	10 31	1 47	32 25	8 39	23 0	22 58	21 47		n.a.
T 29	9 54	1 46	4 58	9 46	1 22	20 14	1 17	8 18	0 5	23 9	1 17	23 55	0 33	2 49	0 41	10 30	1 48	32 25	8 40	23 2	22 59	21 48		n.a.
W30	10n15	3s14	5n 0	9n18	1s39	20n34	1n20	8s14	0s 8	23n 8	1n17	23s55	0s33	2s48	0s41	10s30	1s48	32s26	8s40	23n 3	22n59	21s49		n.a.

Julian Day Number = 1201032.5, Delta T = 09h22m30s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'04, Lahiri = -23°37'04 Julian Calendar 1 Apr. 1425 BCE == Greg. Calendar 19 March 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

MAY 1425 BCE (-1424) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 45 39	27♈ 2'10	2♏20	27°R 8	25♉55	20°R 4	22♋59	11♑21	24♓40	7♓42	4°R56	14°R21	15♋ 6	23♐48	n.a.	T 1
F 2	13 49 35	27°59'17	14°44	26♈35	27° 7	19♎45	23° 5	11°22	24°43	7°44	4♑55	14♋ 9	15° 3	23°54	n.a.	F 2
S 3	13 53 32	28°56'24	26°55	26° 2	28°19	19°26	23°10	11°22	24°46	7°45	4°55	13°59	15° 0	24° 1	n.a.	S 3
S 4	13 57 28	29°53'31	8♐56	25°30	29°31	19° 7	23°16	11°22	24°49	7°47	4°55	13°52	14°56	24° 8	n.a.	S 4
M 5	14 1 25	0♉50'37	20°49	25° 0	0♊43	18°49	23°21	11°R22	24°52	7°48	4°54	13°47	14°53	24°14	n.a.	M 5
T 6	14 5 22	1°47'43	2♑37	24°32	1°55	18°31	23°27	11°22	24°55	7°50	4°54	13°45	14°50	24°21	n.a.	T 6
W 7	14 9 18	2°44'49	14°26	24° 6	3° 7	18°13	23°33	11°22	24°58	7°51	4°53	13°D45	14°47	24°28	n.a.	W 7
T 8	14 13 15	3°41'55	26°19	23°44	4°19	17°56	23°40	11°21	25° 0	7°53	4°53	13°45	14°44	24°34	n.a.	T 8
F 9	14 17 11	4°39'01	8♒22	23°25	5°31	17°39	23°46	11°21	25° 3	7°54	4°52	13°R45	14°41	24°41	n.a.	F 9
S 10	14 21 8	5°36'06	20°41	23°11	6°42	17°23	23°52	11°21	25° 6	7°56	4°52	13°44	14°37	24°47	n.a.	S 10
S 11	14 25 4	6°33'11	3♓21	23° 0	7°54	17° 7	23°59	11°20	25° 9	7°57	4°51	13°41	14°34	24°54	n.a.	S 11
M12	14 29 1	7°30'17	16°25	22°53	9° 6	16°51	24° 6	11°19	25°12	7°58	4°51	13°36	14°31	25° 1	n.a.	M12
T 13	14 32 58	8°27'22	29°55	22°D51	10°17	16°36	24°13	11°18	25°14	8° 0	4°50	13°28	14°28	25° 7	n.a.	T 13
W14	14 36 54	9°24'27	13♈53	22°54	11°29	16°22	24°20	11°18	25°17	8° 1	4°49	13°19	14°25	25°14	n.a.	W14
T 15	14 40 51	10°21'32	28°14	23° 1	12°40	16° 9	24°27	11°17	25°20	8° 2	4°49	13°10	14°21	25°21	n.a.	T 15
F 16	14 44 47	11°18'37	12♉54	23°13	13°52	15°56	24°34	11°16	25°22	8° 4	4°48	13° 1	14°18	25°27	n.a.	F 16
S 17	14 48 44	12°15'42	27°45	23°30	15° 3	15°44	24°42	11°14	25°25	8° 5	4°47	12°53	14°15	25°34	n.a.	S 17
S 18	14 52 40	13°12'47	12♊38	23°52	16°14	15°32	24°49	11°13	25°28	8° 6	4°47	12°47	14°12	25°41	n.a.	S 18
M19	14 56 37	14° 9'52	27°26	24°18	17°26	15°22	24°57	11°12	25°30	8° 7	4°46	12°44	14° 9	25°47	n.a.	M19
T 20	15 0 33	15° 6'57	12♋ 2	24°49	18°37	15°12	25° 5	11°10	25°33	8° 8	4°45	12°D43	14° 6	25°54	n.a.	T 20
W21	15 4 30	16° 4'01	26°22	25°25	19°48	15° 3	25°12	11° 9	25°35	8° 9	4°44	12°44	14° 2	26° 1	n.a.	W21
T 22	15 8 27	17° 1'05	10♌25	26° 6	20°59	14°54	25°20	11° 7	25°38	8°11	4°44	12°R45	13°59	26° 7	n.a.	T 22
F 23	15 12 23	17°58'09	24° 9	26°51	22°11	14°47	25°29	11° 5	25°40	8°12	4°43	12°45	13°56	26°14	n.a.	F 23
S 24	15 16 20	18°55'12	7♍36	27°40	23°22	14°40	25°37	11° 4	25°42	8°13	4°42	12°43	13°53	26°21	n.a.	S 24
S 25	15 20 16	19°52'16	20°47	28°34	24°33	14°34	25°45	11° 2	25°45	8°14	4°41	12°39	13°50	26°27	n.a.	S 25
M26	15 24 13	20°49'19	3♎44	29°33	25°44	14°29	25°54	11° 0	25°47	8°15	4°40	12°33	13°46	26°34	n.a.	M26
T 27	15 28 9	21°46'22	16°27	0♉35	26°54	14°25	26° 2	10°58	25°49	8°15	4°39	12°26	13°43	26°41	n.a.	T 27
W28	15 32 6	22°43'26	28°59	1°42	28° 5	14°21	26°11	10°55	25°51	8°16	4°38	12°17	13°40	26°47	n.a.	W28
T 29	15 36 2	23°40'29	11♏19	2°54	29°16	14°19	26°20	10°53	25°54	8°17	4°38	12° 8	13°37	26°54	n.a.	T 29
F 30	15 39 59	24°37'33	23°30	4° 9	0♋27	14°17	26°29	10°51	25°56	8°18	4°37	12° 0	13°34	27° 1	n.a.	F 30
S 31	15 43 56	25♉34'38	5♐31	5♉29	1♋37	14♎16	26♋38	10♑48	25♓58	8♓19	4♑36	11♋54	13♋31	27♐ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
T 1	10n36	8s 1	4n46	8n51	1s55	20n54	1n22	8s10	0s12	23n 7	1n16	23s55	0s34	2s47	0s41	10s29	1s48	32s26	8s40	23n 4	22n59	21s50			n.a.	T 1
F 2	10 57	12 24	4 20	8 24	2 10	21 13	1 24	8 6	0 16	23 6	1 16	23 56	0 34	2 46	0 41	10 29	1 48	32 26	8 40	23 6	23 0	21 52			n.a.	F 2
S 3	11 17	16 13	3 41	7 59	2 25	21 32	1 26	8 2	0 19	23 5	1 16	23 56	0 34	2 44	0 41	10 28	1 48	32 26	8 41	23 7	23 0	21 53			n.a.	S 3
S 4	11 38	19 19	2 54	7 34	2 39	21 50	1 28	7 58	0 23	23 4	1 16	23 56	0 34	2 43	0 41	10 28	1 48	32 27	8 41	23 8	23 0	21 54			n.a.	S 4
M 5	11 58	21 34	1 59	7 11	2 52	22 7	1 30	7 54	0 27	23 3	1 16	23 56	0 34	2 42	0 41	10 27	1 48	32 27	8 41	23 8	23 1	21 55			n.a.	M 5
T 6	12 18	22 51	0 59	6 50	3 4	22 24	1 31	7 51	0 30	23 2	1 16	23 56	0 34	2 41	0 41	10 27	1 48	32 27	8 42	23 8	23 1	21 56			n.a.	T 6
W 7	12 38	23 8	0s 4	6 30	3 14	22 40	1 33	7 47	0 34	23 0	1 15	23 56	0 34	2 40	0 41	10 26	1 48	32 28	8 42	23 8	23 2	21 57			n.a.	W 7
T 8	12 58	22 21	1 6	6 13	3 24	22 56	1 35	7 44	0 37	22 59	1 15	23 56	0 35	2 39	0 41	10 26	1 48	32 28	8 42	23 8	23 2	21 58			n.a.	T 8
F 9	13 18	20 32	2 7	5 59	3 32	23 11	1 37	7 40	0 41	22 58	1 15	23 57	0 35	2 37	0 41	10 25	1 48	32 28	8 42	23 8	23 2	21 59			n.a.	F 9
S 10	13 37	17 45	3 4	5 47	3 39	23 26	1 38	7 37	0 45	22 57	1 15	23 57	0 35	2 36	0 41	10 25	1 48	32 28	8 43	23 8	23 3	22 1			n.a.	S 10
S 11	13 56	14 3	3 52	5 37	3 45	23 39	1 40	7 34	0 48	22 55	1 15	23 57	0 35	2 35	0 41	10 24	1 48	32 29	8 43	23 9	23 3	22 2			n.a.	S 11
M12	14 15	9 36	4 31	5 31	3 49	23 52	1 41	7 32	0 51	22 54	1 15	23 57	0 35	2 34	0 41	10 24	1 48	32 29	8 43	23 9	23 3	22 3			n.a.	M12
T 13	14 34	4 32	4 56	5 27	3 52	24 5	1 43	7 29	0 55	22 52	1 15	23 57	0 35	2 33	0 41	10 23	1 48	32 29	8 43	23 10	23 4	22 4			n.a.	T 13
W14	14 53	0n55	5 4	5 26	3 54	24 17	1 44	7 26	0 58	22 51	1 14	23 58	0 35	2 32	0 41	10 23	1 48	32 30	8 44	23 11	23 4	22 5			n.a.	W14
T 15	15 11	6 28	4 54	5 28	3 55	24 28	1 46	7 24	1 2	22 50	1 14	23 58	0 36	2 31	0 41	10 22	1 48	32 30	8 44	23 12	23 4	22 6			n.a.	T 15
F 16	15 29	11 48	4 24	5 33	3 55	24 38	1 47	7 22	1 5	22 48	1 14	23 58	0 36	2 30	0 41	10 22	1 48	32 30	8 44	23 13	23 5	22 7			n.a.	F 16
S 17	15 47	16 30	3 36	5 41	3 53	24 48	1 48	7 20	1 8	22 47	1 14	23 58	0 36	2 29	0 41	10 22	1 49	32 30	8 44	23 14	23 5	22 8			n.a.	S 17
S 18	16 5	20 10	2 34	5 51	3 51	24 57	1 49	7 19	1 11	22 45	1 14	23 59	0 36	2 28	0 41	10 21	1 49	32 31	8 45	23 14	23 5	22 9			n.a.	S 18
M19	16 22	22 29	1 21	6 4	3 48	25 5	1 50	7 17	1 14	22 44	1 14	23 59	0 36	2 27	0 41	10 21	1 49	32 31	8 45	23 14	23 6	22 10			n.a.	M19
T 20	16 39	23 15	0 4	6 19	3 43	25 13	1 51	7 16	1 17	22 42	1 14	23 59	0 36	2 26	0 41	10 20	1 49	32 31	8 45	23 14	23 6	22 11			n.a.	T 20
W21	16 56	22 26	1n13	6 38	3 38	25 19	1 52	7 16	1 20	22 40	1 14	23 59	0 36	2 25	0 41	10 20	1 49	32 32	8 45	23 14	23 6	22 12			n.a.	W21
T 22	17 13	20 14	2 23	6 58	3 32	25 25	1 53	7 15	1 23	22 39	1 13	24 0	0 37	2 24	0 41	10 20	1 49	32 32	8 46	23 14	23 7	22 13			n.a.	T 22
F 23	17 29	16 54	3 23	7 21	3 25	25 31	1 54	7 15	1 26	22 37	1 13	24 0	0 37	2 23	0 41	10 19	1 49	32 32	8 46	23 14	23 7	22 14			n.a.	F 23
S 24	17 45	12 45	4 11	7 46	3 17	25 36	1 54	7 15	1 29	22 35	1 13	24 0	0 37	2 22	0 41	10 19	1 49	32 32	8 46	23 14	23 7	22 15			n.a.	S 24
S 25	18 1	8 4	4 45	8 13	3 9	25 39	1 55	7 15	1 32	22 34	1 13	24 1	0 37	2 21	0 41	10 19	1 49	32 33	8 46	23 15	23 8	22 16			n.a.	S 25
M26	18 17	3 7	5 3	8 43	3 0	25 43	1 55	7 15	1 35	22 32	1 13	24 1	0 37	2 20	0 41	10 18	1 49	32 33	8 47	23 15	23 8	22 17			n.a.	M26
T 27	18 32	1s53	5 6	9 14	2 50	25 45	1 56	7 16	1 37	22 30	1 13	24 1	0 37	2 19	0 41	10 18	1 49	32 33	8 47	23 16	23 8	22 18			n.a.	T 27
W28	18 47	6 44	4 54	9 47	2 40	25 47	1 56	7 17	1 40	22 28	1 13	24 2	0 37	2 18	0 41	10 18	1 49	32 33	8 47	23 17	23 9	22 19			n.a.	W28
T 29	19 1	11 15	4 28	10 21	2 29	25 48	1 56	7 18	1 42	22 27	1 13	24 2	0 38	2 18	0 41	10 17	1 49	32 34	8 47	23 18	23 9	22 20			n.a.	T 29
F 30	19 16	15 15	3 51	10 58	2 18	25 48	1 56	7 20	1 45	22 25	1 12	24 2	0 38	2 17	0 41	10 17	1 49	32 34	8 47	23 19	23 9	22 21			n.a.	F 30
S 31	19n30	18s36	3n 3	11n35	2s 7	25n47	1n56	7s22	1s47	22n23	1n12	24s 3	0s38	2s16	0s42	10s17	1s49	32s34	8s48	23n19	23n10	22s22			n.a.	S 31

Julian Day Number = 1201062.5, Delta T = 09h22m29s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°44'00, Lahiri = -23°36'59 Julian Calendar 1 May 1425 BCE == Greg. Calendar 18 Apr. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

JUNE 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 47 52	26♉31'43	17♐26	6♉53	2♋48	14°D16	26♋47	10°R46	26♓ 0	8♓20	4°R35	11°R49	13♋27	27♐14	n.a.	S 1
M 2	15 51 49	27°28'48	29°15	8°20	3°58	14♎17	26°56	10♏43	26° 2	8°20	4♏34	11♋46	13°24	27°20	n.a.	M 2
T 3	15 55 45	28°25'54	11♏ 2	9°52	5° 9	14°19	27° 5	10°41	26° 4	8°21	4°33	11°D45	13°21	27°27	n.a.	T 3
W 4	15 59 42	29°23'01	22°50	11°27	6°19	14°21	27°15	10°38	26° 6	8°22	4°32	11°46	13°18	27°34	n.a.	W 4
T 5	16 3 38	0♊20'08	4♒44	13° 6	7°30	14°24	27°24	10°35	26° 8	8°22	4°31	11°47	13°15	27°40	n.a.	T 5
F 6	16 7 35	1°17'16	16°47	14°49	8°40	14°28	27°34	10°32	26°10	8°23	4°29	11°49	13°12	27°47	n.a.	F 6
S 7	16 11 32	2°14'25	29° 5	16°35	9°50	14°33	27°44	10°29	26°12	8°24	4°28	11°R49	13° 8	27°54	n.a.	S 7
S 8	16 15 28	3°11'35	11♓43	18°24	11° 0	14°39	27°54	10°26	26°13	8°24	4°27	11°49	13° 5	28° 0	n.a.	S 8
M 9	16 19 25	4° 8'46	24°44	20°16	12°10	14°45	28° 3	10°23	26°15	8°25	4°26	11°47	13° 2	28° 7	n.a.	M 9
T 10	16 23 21	5° 5'58	8♈13	22°11	13°20	14°53	28°13	10°20	26°17	8°25	4°25	11°44	12°59	28°14	n.a.	T 10
W11	16 27 18	6° 3'11	22°10	24° 9	14°30	15° 1	28°24	10°16	26°18	8°26	4°24	11°40	12°56	28°20	n.a.	W11
T 12	16 31 14	7° 0'25	6♉33	26° 9	15°40	15° 9	28°34	10°13	26°20	8°26	4°23	11°34	12°52	28°27	n.a.	T 12
F 13	16 35 11	7°57'39	21°19	28°10	16°50	15°19	28°44	10° 9	26°22	8°26	4°22	11°30	12°49	28°34	n.a.	F 13
S 14	16 39 7	8°54'55	6♊21	0♊13	17°59	15°29	28°54	10° 6	26°23	8°27	4°20	11°26	12°46	28°40	n.a.	S 14
S 15	16 43 4	9°52'12	21°29	2°18	19° 9	15°40	29° 5	10° 2	26°25	8°27	4°19	11°23	12°43	28°47	n.a.	S 15
M16	16 47 1	10°49'30	6♋35	4°23	20°19	15°52	29°15	9°59	26°26	8°27	4°18	11°D22	12°40	28°54	n.a.	M16
T 17	16 50 57	11°46'48	21°28	6°29	21°28	16° 5	29°26	9°55	26°28	8°28	4°17	11°22	12°37	29° 0	n.a.	T 17
W18	16 54 54	12°44'07	6♌ 5	8°35	22°37	16°18	29°37	9°51	26°29	8°28	4°16	11°23	12°33	29° 7	n.a.	W18
T 19	16 58 50	13°41'27	20°19	10°41	23°47	16°32	29°47	9°47	26°30	8°28	4°14	11°25	12°30	29°14	n.a.	T 19
F 20	17 2 47	14°38'48	4♍ 9	12°47	24°56	16°46	29°58	9°44	26°31	8°28	4°13	11°26	12°27	29°20	n.a.	F 20
S 21	17 6 43	15°36'09	17°37	14°53	26° 5	17° 1	0♌ 9	9°40	26°33	8°28	4°12	11°R26	12°24	29°27	n.a.	S 21
S 22	17 10 40	16°33'31	0♎43	16°58	27°14	17°17	0°20	9°36	26°34	8°29	4°11	11°25	12°21	29°34	n.a.	S 22
M23	17 14 37	17°30'53	13°31	19° 2	28°23	17°34	0°31	9°32	26°35	8°29	4° 9	11°23	12°18	29°40	n.a.	M23
T 24	17 18 33	18°28'17	26° 3	21° 5	29°32	17°51	0°42	9°28	26°36	8°R29	4° 8	11°21	12°14	29°47	n.a.	T 24
W25	17 22 30	19°25'42	8♏21	23° 7	0♌40	18° 9	0°53	9°24	26°37	8°29	4° 7	11°17	12°11	29°53	n.a.	W25
T 26	17 26 26	20°23'08	20°29	25° 8	1°49	18°27	1° 5	9°19	26°38	8°29	4° 6	11°14	12° 8	0♑ 0	n.a.	T 26
F 27	17 30 23	21°20'34	2♐28	27° 7	2°57	18°46	1°16	9°15	26°39	8°28	4° 4	11°11	12° 5	0° 7	n.a.	F 27
S 28	17 34 19	22°18'03	14°22	29° 5	4° 6	19° 6	1°27	9°11	26°40	8°28	4° 3	11° 8	12° 2	0°13	n.a.	S 28
S 29	17 38 16	23°15'32	26°11	1♋ 2	5°14	19°26	1°39	9° 7	26°41	8°28	4° 2	11° 7	11°58	0°20	n.a.	S 29
M30	17 42 12	24♊13'03	7♑59	2♋57	6♌22	19♎47	1♌50	9♑ 2	26♓42	8♓28	4♑ 0	11°D 6	11♋55	0♑27	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n43	21s 8	2n 8	12n14	1s55	25n46	1n56	7s24	1s49	22n21	1n12	24s 3	0s38	2s15	0s42	10s17	1s49	32s34	8s48	23n20	23n10	22s23		n.a.
M 2	19 57	22 44	1 7	12 54	1 43	25 44	1 56	7 26	1 52	22 19	1 12	24 3	0 38	2 14	0 42	10 17	1 50	32 35	8 48	23 20	23 10	22 24		n.a.
T 3	20 10	23 20	0 4	13 36	1 31	25 41	1 56	7 29	1 54	22 17	1 12	24 4	0 38	2 13	0 42	10 16	1 50	32 35	8 48	23 20	23 11	22 25		n.a.
W 4	20 22	22 52	1s 0	14 17	1 19	25 38	1 56	7 32	1 56	22 15	1 12	24 4	0 38	2 13	0 42	10 16	1 50	32 35	8 49	23 20	23 11	22 26		n.a.
T 5	20 35	21 23	2 2	15 0	1 6	25 34	1 55	7 35	1 58	22 13	1 12	24 4	0 39	2 12	0 42	10 16	1 50	32 35	8 49	23 20	23 11	22 27		n.a.
F 6	20 47	18 55	2 59	15 43	0 54	25 29	1 55	7 39	2 0	22 11	1 12	24 5	0 39	2 11	0 42	10 16	1 50	32 36	8 49	23 20	23 12	22 28		n.a.
S 7	20 59	15 34	3 49	16 26	0 41	25 23	1 54	7 42	2 2	22 9	1 12	24 5	0 39	2 10	0 42	10 16	1 50	32 36	8 49	23 20	23 12	22 29		n.a.
S 8	21 10	11 26	4 30	17 9	0 29	25 17	1 53	7 46	2 4	22 7	1 11	24 5	0 39	2 10	0 42	10 15	1 50	32 36	8 49	23 20	23 12	22 30		n.a.
M 9	21 21	6 40	4 58	17 51	0 17	25 10	1 53	7 51	2 6	22 5	1 11	24 6	0 39	2 9	0 42	10 15	1 50	32 36	8 49	23 20	23 13	22 31		n.a.
T 10	21 32	1 26	5 11	18 33	0 5	25 2	1 52	7 55	2 8	22 3	1 11	24 6	0 39	2 8	0 42	10 15	1 50	32 37	8 50	23 20	23 13	22 32		n.a.
W11	21 42	4n 3	5 7	19 15	0n 6	24 54	1 51	8 0	2 10	22 0	1 11	24 7	0 39	2 8	0 42	10 15	1 50	32 37	8 50	23 20	23 13	22 33		n.a.
T 12	21 52	9 30	4 43	19 55	0 18	24 44	1 50	8 5	2 11	21 58	1 11	24 7	0 40	2 7	0 42	10 15	1 50	32 37	8 50	23 21	23 14	22 34		n.a.
F 13	22 1	14 33	4 0	20 34	0 28	24 35	1 49	8 10	2 13	21 56	1 11	24 7	0 40	2 7	0 42	10 15	1 50	32 37	8 50	23 21	23 14	22 35		n.a.
S 14	22 11	18 48	3 0	21 11	0 38	24 24	1 47	8 16	2 14	21 54	1 11	24 8	0 40	2 6	0 42	10 15	1 50	32 37	8 50	23 22	23 14	22 36		n.a.
S 15	22 19	21 48	1 47	21 46	0 48	24 13	1 46	8 21	2 16	21 51	1 11	24 8	0 40	2 5	0 42	10 15	1 50	32 38	8 51	23 22	23 14	22 37		n.a.
M16	22 28	23 16	0 26	22 19	0 57	24 1	1 45	8 27	2 17	21 49	1 11	24 9	0 40	2 5	0 42	10 15	1 51	32 38	8 51	23 22	23 15	22 38		n.a.
T 17	22 36	23 1	0n55	22 51	1 5	23 49	1 43	8 34	2 19	21 47	1 11	24 9	0 40	2 4	0 42	10 15	1 51	32 38	8 51	23 22	23 15	22 39		n.a.
W18	22 43	21 12	2 12	23 19	1 13	23 35	1 41	8 40	2 20	21 44	1 11	24 9	0 40	2 4	0 42	10 15	1 51	32 38	8 51	23 22	23 15	22 40		n.a.
T 19	22 51	18 5	3 18	23 45	1 20	23 22	1 40	8 47	2 22	21 42	1 11	24 10	0 40	2 3	0 42	10 15	1 51	32 38	8 51	23 22	23 16	22 40		n.a.
F 20	22 58	14 2	4 11	24 9	1 26	23 7	1 38	8 54	2 23	21 40	1 10	24 10	0 41	2 3	0 42	10 15	1 51	32 39	8 51	23 22	23 16	22 41		n.a.
S 21	23 4	9 23	4 48	24 30	1 31	22 52	1 36	9 1	2 24	21 37	1 10	24 11	0 41	2 2	0 42	10 15	1 51	32 39	8 51	23 22	23 16	22 42		n.a.
S 22	23 10	4 25	5 9	24 48	1 36	22 37	1 34	9 8	2 25	21 35	1 10	24 11	0 41	2 2	0 42	10 15	1 51	32 39	8 52	23 22	23 17	22 43		n.a.
M23	23 16	0s37	5 14	25 4	1 40	22 20	1 31	9 16	2 26	21 32	1 10	24 12	0 41	2 1	0 42	10 15	1 51	32 39	8 52	23 22	23 17	22 44		n.a.
T 24	23 21	5 31	5 4	25 16	1 43	22 4	1 29	9 23	2 28	21 30	1 10	24 12	0 41	2 1	0 42	10 15	1 51	32 39	8 52	23 22	23 17	22 45		n.a.
W25	23 26	10 7	4 40	25 27	1 46	21 46	1 27	9 31	2 29	21 27	1 10	24 12	0 41	2 1	0 42	10 15	1 51	32 39	8 52	23 22	23 18	22 46		n.a.
T 26	23 30	14 16	4 4	25 34	1 48	21 28	1 24	9 39	2 30	21 25	1 10	24 13	0 41	2 0	0 42	10 15	1 51	32 40	8 52	23 23	23 18	22 47		n.a.
F 27	23 34	17 48	3 17	25 39	1 49	21 10	1 22	9 48	2 31	21 22	1 10	24 13	0 41	2 0	0 42	10 15	1 51	32 40	8 52	23 23	23 18	22 48		n.a.
S 28	23 38	20 34	2 23	25 41	1 50	20 51	1 19	9 56	2 32	21 19	1 10	24 14	0 42	2 0	0 42	10 15	1 51	32 40	8 52	23 23	23 18	22 48		n.a.
S 29	23 41	22 27	1 22	25 41	1 50	20 32	1 16	10 5	2 32	21 17	1 10	24 14	0 42	1 59	0 42	10 15	1 51	32 40	8 52	23 23	23 19	22 49		n.a.
M30	23n44	23s20	0n17	25n39	1n49	20n12	1n13	10s14	2s33	21n14	1n10	24s15	0s42	1s59	0s42	10s15	1s51	32s40	8s53	23n23	23n19	22s50		n.a.

Julian Day Number = 1201093.5, Delta T = 09h22m27s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'56, Lahiri = -23°36'55 Julian Calendar 1 June 1425 BCE == Greg. Calendar 19 May 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

JULY 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 46 9	25♊10'35	19♉47	4♋51	7♌30	20♎ 8	2♌ 2	8°R58	26♓42	8°R28	3°R59	11♋ 6	11♋52	0♉33	n.a.	T 1
W 2	17 50 6	26° 8'08	1♒39	6°43	8°38	20°30	2°14	8♉54	26°43	8♓28	3♉58	11° 7	11°49	0°40	n.a.	W 2
T 3	17 54 2	27° 5'43	13°36	8°34	9°46	20°52	2°25	8°49	26°44	8°27	3°56	11° 8	11°46	0°47	n.a.	T 3
F 4	17 57 59	28° 3'20	25°43	10°24	10°54	21°15	2°37	8°45	26°44	8°27	3°55	11°10	11°43	0°53	n.a.	F 4
S 5	18 1 55	29° 0'59	8♓ 4	12°11	12° 1	21°38	2°49	8°40	26°45	8°27	3°54	11°11	11°39	1° 0	n.a.	S 5
S 6	18 5 52	29°58'39	20°41	13°58	13° 9	22° 2	3° 1	8°36	26°45	8°26	3°52	11°11	11°36	1° 7	n.a.	S 6
M 7	18 9 48	0♋56'20	3♈39	15°43	14°16	22°26	3°13	8°31	26°46	8°26	3°51	11°R11	11°33	1°13	n.a.	M 7
T 8	18 13 45	1°54'04	17° 2	17°27	15°23	22°51	3°25	8°27	26°46	8°26	3°50	11°11	11°30	1°20	n.a.	T 8
W 9	18 17 41	2°51'50	0♉50	19° 9	16°30	23°16	3°37	8°22	26°46	8°25	3°48	11°10	11°27	1°27	n.a.	W 9
T 10	18 21 38	3°49'37	15° 5	20°49	17°37	23°42	3°49	8°18	26°47	8°25	3°47	11°10	11°24	1°33	n.a.	T 10
F 11	18 25 35	4°47'26	29°43	22°29	18°44	24° 8	4° 1	8°13	26°47	8°24	3°46	11° 9	11°20	1°40	n.a.	F 11
S 12	18 29 31	5°45'18	14♊40	24° 7	19°50	24°34	4°13	8° 9	26°47	8°24	3°44	11° 8	11°17	1°46	n.a.	S 12
S 13	18 33 28	6°43'11	29°49	25°43	20°57	25° 1	4°25	8° 4	26°47	8°23	3°43	11° 8	11°14	1°53	n.a.	S 13
M14	18 37 24	7°41'06	15♋ 0	27°19	22° 3	25°29	4°38	7°59	26°47	8°22	3°42	11°D 8	11°11	2° 0	n.a.	M14
T 15	18 41 21	8°39'02	0♌ 4	28°52	23° 9	25°56	4°50	7°55	26°R47	8°22	3°40	11° 8	11° 8	2° 6	n.a.	T 15
W16	18 45 17	9°37'00	14°53	0♌25	24°15	26°25	5° 2	7°50	26°47	8°21	3°39	11° 8	11° 4	2°13	n.a.	W16
T 17	18 49 14	10°34'59	29°20	1°56	25°21	26°53	5°15	7°46	26°47	8°20	3°38	11° 8	11° 1	2°20	n.a.	T 17
F 18	18 53 10	11°33'00	13♍21	3°25	26°27	27°22	5°27	7°41	26°47	8°20	3°36	11°R 8	10°58	2°26	n.a.	F 18
S 19	18 57 7	12°31'03	26°56	4°54	27°32	27°52	5°40	7°37	26°47	8°19	3°35	11° 8	10°55	2°33	n.a.	S 19
S 20	19 1 4	13°29'07	10♎ 5	6°21	28°37	28°21	5°52	7°32	26°47	8°18	3°34	11°D 8	10°52	2°40	n.a.	S 20
M21	19 5 0	14°27'12	22°51	7°46	29°43	28°52	6° 5	7°28	26°47	8°17	3°32	11° 8	10°49	2°46	n.a.	M21
T 22	19 8 57	15°25'19	5♏18	9°10	0♍47	29°22	6°17	7°23	26°46	8°16	3°31	11° 9	10°45	2°53	n.a.	T 22
W23	19 12 53	16°23'28	17°30	10°32	1°52	29°53	6°30	7°19	26°46	8°16	3°30	11° 9	10°42	3° 0	n.a.	W23
T 24	19 16 50	17°21'39	29°30	11°53	2°57	0♏24	6°43	7°14	26°46	8°15	3°29	11°10	10°39	3° 6	n.a.	T 24
F 25	19 20 46	18°19'51	11♐23	13°13	4° 1	0°56	6°55	7°10	26°45	8°14	3°27	11°10	10°36	3°13	n.a.	F 25
S 26	19 24 43	19°18'05	23°12	14°31	5° 5	1°27	7° 8	7° 5	26°45	8°13	3°26	11°11	10°33	3°20	n.a.	S 26
S 27	19 28 39	20°16'21	4♑59	15°47	6° 9	1°59	7°21	7° 1	26°44	8°12	3°25	11°11	10°30	3°26	n.a.	S 27
M28	19 32 36	21°14'38	16°49	17° 1	7°12	2°32	7°33	6°56	26°43	8°11	3°23	11°R11	10°26	3°33	n.a.	M28
T 29	19 36 33	22°12'58	28°42	18°14	8°15	3° 5	7°46	6°52	26°43	8°10	3°22	11°11	10°23	3°40	n.a.	T 29
W30	19 40 29	23°11'20	10♒41	19°24	9°19	3°38	7°59	6°48	26°42	8° 9	3°21	11°10	10°20	3°46	n.a.	W30
T 31	19 44 26	24♋ 9'43	22♒48	20♌33	10♍21	4♏11	8♌12	6♉44	26♓41	8♓ 8	3♉20	11♋ 8	10♋17	3♉53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n46	23s10	0s48	25n34	1n48	19n51	1n10	10s22	2s34	21n11	1n10	24s15	0s42	1s59	0s42	10s15	1s52	32s40	8s53	23n23	23n19	22s51			n.a.
W 2	23 48	21 57	1 51	25 27	1 46	19 30	1 7	10 32	2 35	21 8	1 10	24 15	0 42	1 59	0 42	10 16	1 52	32 41	8 53	23 23	23 20	22 52			n.a.
T 3	23 50	19 45	2 51	25 19	1 44	19 9	1 4	10 41	2 36	21 6	1 10	24 16	0 42	1 58	0 42	10 16	1 52	32 41	8 53	23 23	23 20	22 53			n.a.
F 4	23 51	16 39	3 43	25 8	1 41	18 47	1 1	10 50	2 36	21 3	1 10	24 16	0 42	1 58	0 43	10 16	1 52	32 41	8 53	23 23	23 20	22 53			n.a.
S 5	23 51	12 48	4 26	24 55	1 38	18 25	0 58	11 0	2 37	21 0	1 10	24 17	0 42	1 58	0 43	10 16	1 52	32 41	8 53	23 23	23 20	22 54			n.a.
S 6	23 52	8 18	4 57	24 41	1 35	18 2	0 54	11 9	2 38	20 57	1 9	24 17	0 42	1 58	0 43	10 16	1 52	32 41	8 53	23 23	23 21	22 55			n.a.
M 7	23 51	3 19	5 15	24 25	1 31	17 39	0 51	11 19	2 38	20 54	1 9	24 17	0 43	1 58	0 43	10 17	1 52	32 41	8 53	23 23	23 21	22 56			n.a.
T 8	23 51	1n57	5 16	24 8	1 26	17 15	0 47	11 29	2 39	20 52	1 9	24 18	0 43	1 57	0 43	10 17	1 52	32 41	8 53	23 23	23 21	22 57			n.a.
W 9	23 50	7 18	4 59	23 49	1 21	16 51	0 43	11 39	2 39	20 49	1 9	24 18	0 43	1 57	0 43	10 17	1 52	32 41	8 53	23 23	23 22	22 57			n.a.
T 10	23 48	12 27	4 24	23 28	1 16	16 27	0 39	11 49	2 40	20 46	1 9	24 19	0 43	1 57	0 43	10 17	1 52	32 42	8 53	23 23	23 22	22 58			n.a.
F 11	23 46	17 1	3 31	23 7	1 11	16 2	0 35	12 0	2 40	20 43	1 9	24 19	0 43	1 57	0 43	10 18	1 52	32 42	8 53	23 23	23 22	22 59			n.a.
S 12	23 44	20 37	2 22	22 44	1 5	15 37	0 31	12 10	2 41	20 40	1 9	24 19	0 43	1 57	0 43	10 18	1 52	32 42	8 53	23 23	23 22	23 0			n.a.
S 13	23 41	22 49	1 3	22 20	0 59	15 12	0 27	12 21	2 41	20 37	1 9	24 20	0 43	1 57	0 43	10 18	1 52	32 42	8 54	23 23	23 23	23 1			n.a.
M14	23 38	23 21	0n22	21 55	0 52	14 46	0 23	12 31	2 42	20 34	1 9	24 20	0 43	1 57	0 43	10 18	1 52	32 42	8 54	23 23	23 23	23 1			n.a.
T 15	23 34	22 10	1 43	21 30	0 46	14 20	0 19	12 42	2 42	20 31	1 9	24 20	0 43	1 57	0 43	10 19	1 52	32 42	8 54	23 23	23 23	23 2			n.a.
W16	23 30	19 28	2 57	21 3	0 39	13 54	0 14	12 53	2 42	20 28	1 9	24 21	0 43	1 57	0 43	10 19	1 53	32 42	8 54	23 23	23 23	23 3			n.a.
T 17	23 26	15 36	3 57	20 35	0 32	13 27	0 10	13 4	2 43	20 24	1 9	24 21	0 43	1 57	0 43	10 19	1 53	32 42	8 54	23 23	23 24	23 4			n.a.
F 18	23 21	10 58	4 41	20 7	0 24	13 0	0 5	13 15	2 43	20 21	1 9	24 22	0 44	1 57	0 43	10 20	1 53	32 42	8 54	23 23	23 24	23 4			n.a.
S 19	23 16	5 56	5 8	19 39	0 16	12 33	0 0	13 26	2 43	20 18	1 9	24 22	0 44	1 57	0 43	10 20	1 53	32 42	8 54	23 23	23 24	23 5			n.a.
S 20	23 10	0 48	5 18	19 9	0 9	12 6	0s 4	13 37	2 43	20 15	1 9	24 22	0 44	1 57	0 43	10 20	1 53	32 42	8 54	23 23	23 25	23 6			n.a.
M21	23 4	4s14	5 11	18 40	0 1	11 38	0 9	13 48	2 44	20 12	1 9	24 23	0 44	1 58	0 43	10 21	1 53	32 42	8 54	23 23	23 25	23 7			n.a.
T 22	22 57	8 58	4 50	18 9	0s 8	11 10	0 14	13 59	2 44	20 9	1 9	24 23	0 44	1 58	0 43	10 21	1 53	32 42	8 54	23 23	23 25	23 7			n.a.
W23	22 50	13 15	4 16	17 39	0 16	10 42	0 19	14 11	2 44	20 5	1 9	24 23	0 44	1 58	0 43	10 21	1 53	32 42	8 54	23 23	23 25	23 8			n.a.
T 24	22 43	16 57	3 32	17 8	0 24	10 14	0 24	14 22	2 44	20 2	1 9	24 24	0 44	1 58	0 43	10 22	1 53	32 43	8 54	23 23	23 26	23 9			n.a.
F 25	22 35	19 56	2 38	16 37	0 33	9 45	0 29	14 33	2 44	19 59	1 9	24 24	0 44	1 58	0 43	10 22	1 53	32 43	8 54	23 23	23 26	23 10			n.a.
S 26	22 27	22 3	1 38	16 6	0 42	9 17	0 35	14 45	2 44	19 55	1 9	24 24	0 44	1 59	0 43	10 23	1 53	32 43	8 54	23 23	23 26	23 10			n.a.
S 27	22 18	23 12	0 34	15 35	0 51	8 48	0 40	14 56	2 44	19 52	1 9	24 25	0 44	1 59	0 43	10 23	1 53	32 43	8 54	23 23	23 26	23 11			n.a.
M28	22 9	23 18	0s31	15 4	1 0	8 19	0 45	15 8	2 44	19 49	1 9	24 25	0 44	1 59	0 43	10 24	1 53	32 43	8 54	23 23	23 27	23 12			n.a.
T 29	22 0	22 21	1 36	14 33	1 9	7 50	0 51	15 19	2 44	19 45	1 9	24 25	0 44	1 59	0 43	10 24	1 53	32 43	8 54	23 23	23 27	23 12			n.a.
W30	21 50	20 22	2 36	14 2	1 18	7 21	0 56	15 31	2 44	19 42	1 9	24 26	0 45	2 0	0 43	10 24	1 53	32 43	8 54	23 23	23 27	23 13			n.a.
T 31	21n40	17s28	3s31	13n31	1s27	6n52	1s 2	15s42	2s44	19n39	1n 9	24s26	0s45	2s 0	0s43	10s25	1s53	32s43	8s54	23n23	23n27	23s14			n.a.

Julian Day Number = 1201123.5, Delta T = 09h22m25s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'52, Lahiri = -23°36'51 Julian Calendar 1 July 1425 BCE == Greg. Calendar 18 June 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

AUGUST 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 48 22	25♋ 8'09	5♓ 5	21♌40	11♍24	4♏44	8♌25	6°R39	26°R41	8°R 7	3°R18	11°R 6	10♋14	3♉59	n.a.	F 1
S 2	19 52 19	26° 6'37	17°34	22°44	12°26	5°18	8°38	6♉35	26♓40	8♓ 5	3♉17	11♋ 4	10°10	4° 6	n.a.	S 2
S 3	19 56 15	27° 5'07	0♈18	23°47	13°28	5°52	8°51	6°31	26°39	8° 4	3°16	11° 2	10° 7	4°13	n.a.	S 3
M 4	20 0 12	28° 3'40	13°18	24°46	14°30	6°27	9° 4	6°27	26°38	8° 3	3°15	11° 1	10° 4	4°19	n.a.	M 4
T 5	20 4 8	29° 2'15	26°37	25°43	15°31	7° 1	9°17	6°23	26°37	8° 2	3°14	11°D 0	10° 1	4°26	n.a.	T 5
W 6	20 8 5	0♌ 0'52	10♉17	26°38	16°32	7°36	9°30	6°19	26°36	8° 1	3°12	11° 1	9°58	4°33	n.a.	W 6
T 7	20 12 1	0°59'32	24°18	27°29	17°33	8°11	9°43	6°15	26°35	7°59	3°11	11° 1	9°55	4°39	n.a.	T 7
F 8	20 15 58	1°58'14	8♊40	28°17	18°34	8°47	9°56	6°11	26°34	7°58	3°10	11° 3	9°51	4°46	n.a.	F 8
S 9	20 19 55	2°56'59	23°20	29° 2	19°34	9°22	10° 9	6° 7	26°33	7°57	3° 9	11° 4	9°48	4°53	n.a.	S 9
S 10	20 23 51	3°55'46	8♋14	29°42	20°33	9°58	10°22	6° 3	26°31	7°55	3° 8	11°R 5	9°45	4°59	n.a.	S 10
M11	20 27 48	4°54'35	23°15	0♍19	21°33	10°34	10°35	6° 0	26°30	7°54	3° 7	11° 4	9°42	5° 6	n.a.	M11
T 12	20 31 44	5°53'26	8♌15	0°51	22°32	11°10	10°48	5°56	26°29	7°53	3° 6	11° 3	9°39	5°13	n.a.	T 12
W13	20 35 41	6°52'20	23° 5	1°19	23°31	11°47	11° 1	5°52	26°28	7°51	3° 5	11° 0	9°36	5°19	n.a.	W13
T 14	20 39 37	7°51'16	7♍37	1°42	24°29	12°24	11°14	5°49	26°26	7°50	3° 4	10°56	9°32	5°26	n.a.	T 14
F 15	20 43 34	8°50'13	21°45	1°59	25°27	13° 0	11°27	5°45	26°25	7°49	3° 3	10°52	9°29	5°32	n.a.	F 15
S 16	20 47 30	9°49'13	5♎27	2°10	26°24	13°38	11°40	5°42	26°23	7°47	3° 2	10°48	9°26	5°39	n.a.	S 16
S 17	20 51 27	10°48'14	18°42	2°R15	27°21	14°15	11°53	5°39	26°22	7°46	3° 1	10°45	9°23	5°46	n.a.	S 17
M18	20 55 24	11°47'17	1♏32	2°13	28°18	14°52	12° 6	5°35	26°20	7°44	3° 0	10°43	9°20	5°52	n.a.	M18
T 19	20 59 20	12°46'23	13°59	2° 4	29°14	15°30	12°19	5°32	26°19	7°43	2°59	10°D43	9°16	5°59	n.a.	T 19
W20	21 3 17	13°45'30	26°10	1°48	0♎ 9	16° 8	12°32	5°29	26°17	7°41	2°58	10°44	9°13	6° 6	n.a.	W20
T 21	21 7 13	14°44'39	8♐ 7	1°25	1° 4	16°46	12°46	5°26	26°15	7°40	2°57	10°45	9°10	6°12	n.a.	T 21
F 22	21 11 10	15°43'50	19°58	0°53	1°59	17°24	12°59	5°23	26°14	7°38	2°56	10°47	9° 7	6°19	n.a.	F 22
S 23	21 15 6	16°43'03	1♑45	0°14	2°53	18° 3	13°12	5°20	26°12	7°37	2°55	10°48	9° 4	6°26	n.a.	S 23
S 24	21 19 3	17°42'19	13°33	29♌28	3°46	18°41	13°25	5°18	26°10	7°35	2°54	10°R49	9° 1	6°32	n.a.	S 24
M25	21 22 59	18°41'36	25°27	28°34	4°39	19°20	13°38	5°15	26° 8	7°34	2°53	10°47	8°57	6°39	n.a.	M25
T 26	21 26 56	19°40'55	7♒28	27°35	5°31	19°59	13°51	5°12	26° 7	7°32	2°52	10°44	8°54	6°46	n.a.	T 26
W27	21 30 52	20°40'17	19°38	26°30	6°22	20°38	14° 4	5°10	26° 5	7°30	2°51	10°39	8°51	6°52	n.a.	W27
T 28	21 34 49	21°39'40	2♓ 0	25°21	7°13	21°17	14°17	5° 7	26° 3	7°29	2°51	10°33	8°48	6°59	n.a.	T 28
F 29	21 38 46	22°39'06	14°34	24°10	8° 3	21°57	14°30	5° 5	26° 1	7°27	2°50	10°25	8°45	7° 6	n.a.	F 29
S 30	21 42 42	23°38'34	27°20	22°59	8°52	22°36	14°43	5° 3	25°59	7°26	2°49	10°18	8°41	7°12	n.a.	S 30
S 31	21 46 39	24♌38'04	10♈19	21♌50	9♎41	23♏16	14♌56	5♉ 1	25♓57	7♓24	2♉48	10♋11	8♋38	7♉19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n29	13s46	4s16	13n 1	1s36	6n23	1s 8	15s54	2s44	19n35	1n 9	24s26	0s45	2s 0	0s43	10s25	1s53	32s43	8s54	23n23	23n28	23s14		n.a.
S 2	21 18	9 26	4 50	12 31	1 45	5 53	1 13	16 5	2 44	19 32	1 9	24 26	0 45	2 1	0 43	10 26	1 53	32 43	8 54	23 23	23 28	23 15		n.a.
S 3	21 7	4 37	5 11	12 2	1 54	5 24	1 19	16 17	2 44	19 28	1 9	24 27	0 45	2 1	0 43	10 26	1 54	32 43	8 54	23 24	23 28	23 16		n.a.
M 4	20 55	0n30	5 16	11 34	2 3	4 54	1 25	16 29	2 44	19 25	1 9	24 27	0 45	2 1	0 43	10 27	1 54	32 43	8 54	23 24	23 28	23 16		n.a.
T 5	20 43	5 43	5 5	11 6	2 12	4 25	1 31	16 40	2 44	19 21	1 9	24 27	0 45	2 2	0 43	10 27	1 54	32 43	8 54	23 24	23 29	23 17		n.a.
W 6	20 30	10 48	4 36	10 39	2 21	3 55	1 37	16 52	2 44	19 18	1 9	24 27	0 45	2 2	0 44	10 28	1 54	32 43	8 54	23 24	23 29	23 18		n.a.
T 7	20 17	15 27	3 50	10 13	2 30	3 26	1 43	17 3	2 43	19 14	1 9	24 28	0 45	2 3	0 44	10 28	1 54	32 43	8 53	23 24	23 29	23 18		n.a.
F 8	20 4	19 21	2 50	9 48	2 39	2 56	1 49	17 15	2 43	19 11	1 9	24 28	0 45	2 3	0 44	10 29	1 54	32 43	8 53	23 24	23 29	23 19		n.a.
S 9	19 51	22 5	1 36	9 25	2 47	2 27	1 55	17 26	2 43	19 7	1 9	24 28	0 45	2 4	0 44	10 29	1 54	32 43	8 53	23 23	23 30	23 20		n.a.
S 10	19 37	23 20	0 16	9 3	2 55	1 57	2 1	17 38	2 43	19 4	1 9	24 28	0 45	2 4	0 44	10 30	1 54	32 43	8 53	23 23	23 30	23 20		n.a.
M11	19 22	22 55	1n 7	8 42	3 3	1 28	2 8	17 49	2 42	19 0	1 9	24 29	0 45	2 5	0 44	10 31	1 54	32 43	8 53	23 23	23 30	23 21		n.a.
T 12	19 8	20 50	2 24	8 24	3 11	0 58	2 14	18 0	2 42	18 56	1 9	24 29	0 45	2 5	0 44	10 31	1 54	32 43	8 53	23 24	23 30	23 22		n.a.
W13	18 53	17 22	3 31	8 7	3 18	0 29	2 20	18 12	2 42	18 53	1 9	24 29	0 45	2 6	0 44	10 32	1 54	32 42	8 53	23 24	23 30	23 22		n.a.
T 14	18 38	12 54	4 23	7 53	3 24	0s 0	2 27	18 23	2 42	18 49	1 9	24 29	0 45	2 6	0 44	10 32	1 54	32 42	8 53	23 24	23 31	23 23		n.a.
F 15	18 22	7 51	4 57	7 41	3 30	0 30	2 33	18 34	2 41	18 45	1 9	24 29	0 45	2 7	0 44	10 33	1 54	32 42	8 53	23 24	23 31	23 23		n.a.
S 16	18 6	2 34	5 12	7 33	3 35	0 59	2 39	18 46	2 41	18 42	1 9	24 30	0 45	2 8	0 44	10 33	1 54	32 42	8 53	23 25	23 31	23 24		n.a.
S 17	17 50	2s40	5 11	7 27	3 40	1 28	2 46	18 57	2 41	18 38	1 9	24 30	0 46	2 8	0 44	10 34	1 54	32 42	8 53	23 25	23 31	23 25		n.a.
M18	17 33	7 38	4 53	7 24	3 43	1 56	2 52	19 8	2 40	18 34	1 9	24 30	0 46	2 9	0 44	10 35	1 54	32 42	8 53	23 25	23 32	23 25		n.a.
T 19	17 16	12 9	4 23	7 25	3 46	2 25	2 59	19 19	2 40	18 31	1 9	24 30	0 46	2 10	0 44	10 35	1 54	32 42	8 53	23 25	23 32	23 26		n.a.
W20	16 59	16 4	3 40	7 30	3 47	2 53	3 6	19 30	2 39	18 27	1 9	24 30	0 46	2 10	0 44	10 36	1 54	32 42	8 53	23 25	23 32	23 26		n.a.
T 21	16 42	19 16	2 49	7 38	3 47	3 22	3 12	19 41	2 39	18 23	1 10	24 31	0 46	2 11	0 44	10 36	1 54	32 42	8 52	23 25	23 32	23 27		n.a.
F 22	16 24	21 37	1 52	7 51	3 45	3 50	3 19	19 51	2 39	18 20	1 10	24 31	0 46	2 12	0 44	10 37	1 54	32 42	8 52	23 25	23 33	23 27		n.a.
S 23	16 6	23 2	0 49	8 8	3 42	4 18	3 25	20 2	2 38	18 16	1 10	24 31	0 46	2 12	0 44	10 38	1 54	32 42	8 52	23 25	23 33	23 28		n.a.
S 24	15 48	23 24	0s15	8 29	3 36	4 45	3 32	20 13	2 38	18 12	1 10	24 31	0 46	2 13	0 44	10 38	1 54	32 42	8 52	23 25	23 33	23 29		n.a.
M25	15 29	22 43	1 19	8 55	3 29	5 13	3 38	20 23	2 37	18 8	1 10	24 31	0 46	2 14	0 44	10 39	1 54	32 42	8 52	23 25	23 33	23 29		n.a.
T 26	15 10	20 59	2 20	9 24	3 20	5 40	3 45	20 34	2 37	18 4	1 10	24 31	0 46	2 15	0 44	10 39	1 54	32 42	8 52	23 25	23 33	23 30		n.a.
W27	14 51	18 16	3 15	9 57	3 9	6 6	3 52	20 44	2 36	18 1	1 10	24 31	0 46	2 15	0 44	10 40	1 54	32 41	8 52	23 26	23 34	23 30		n.a.
T 28	14 32	14 42	4 2	10 33	2 56	6 33	3 58	20 54	2 36	17 57	1 10	24 32	0 46	2 16	0 44	10 41	1 54	32 41	8 52	23 26	23 34	23 31		n.a.
F 29	14 12	10 27	4 38	11 11	2 41	6 59	4 5	21 4	2 35	17 53	1 10	24 32	0 46	2 17	0 44	10 41	1 54	32 41	8 52	23 27	23 34	23 31		n.a.
S 30	13 53	5 40	5 1	11 50	2 24	7 25	4 11	21 14	2 35	17 49	1 10	24 32	0 46	2 18	0 44	10 42	1 54	32 41	8 51	23 27	23 34	23 32		n.a.
S 31	13n32	0s34	5s 9	12n30	2s 6	7s50	4s18	21s24	2s34	17n45	1n10	24s32	0s46	2s19	0s44	10s43	1s54	32s41	8s51	23n28	23n34	23s32		n.a.

Julian Day Number = 1201154.5, Delta T = 09h22m23s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'47, Lahiri = -23°36'47 Julian Calendar 1 Aug. 1425 BCE == Greg. Calendar 19 July 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

SEPTEMBER 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 50 35	25♌37'37	23♈30	20°R44	10♎29	23♏56	15♌ 9	4°R59	25°R55	7°R22	2°R48	10°R 5	8♋35	7♑25	n.a.	M 1
T 2	21 54 32	26°37'12	6♉55	19♌43	11°16	24°36	15°22	4♑57	25♓53	7♓21	2♑47	10♋ 1	8°32	7°32	n.a.	T 2
W 3	21 58 28	27°36'50	20°33	18°50	12° 2	25°16	15°35	4°55	25°51	7°19	2°46	9°59	8°29	7°39	n.a.	W 3
T 4	22 2 25	28°36'30	4♊26	18° 5	12°47	25°56	15°48	4°53	25°49	7°17	2°46	9°D59	8°26	7°45	n.a.	T 4
F 5	22 6 21	29°36'13	18°32	17°31	13°31	26°36	16° 1	4°51	25°47	7°16	2°45	10° 0	8°22	7°52	n.a.	F 5
S 6	22 10 18	0♍35'58	2♋52	17° 7	14°15	27°17	16°14	4°50	25°44	7°14	2°44	10°R 1	8°19	7°59	n.a.	S 6
S 7	22 14 14	1°35'46	17°23	16°54	14°57	27°57	16°27	4°48	25°42	7°12	2°44	10° 1	8°16	8° 5	n.a.	S 7
M 8	22 18 11	2°35'36	2♌ 2	16°D52	15°38	28°38	16°40	4°47	25°40	7°11	2°43	9°59	8°13	8°12	n.a.	M 8
T 9	22 22 8	3°35'28	16°42	17° 1	16°19	29°19	16°53	4°45	25°38	7° 9	2°43	9°54	8°10	8°19	n.a.	T 9
W10	22 26 4	4°35'22	1♍17	17°21	16°58	29°59	17° 5	4°44	25°35	7° 7	2°42	9°48	8° 7	8°25	n.a.	W10
T 11	22 30 1	5°35'19	15°40	17°51	17°36	0♐40	17°18	4°43	25°33	7° 6	2°42	9°39	8° 3	8°32	n.a.	T 11
F 12	22 33 57	6°35'17	29°45	18°30	18°13	1°22	17°31	4°42	25°31	7° 4	2°41	9°29	8° 0	8°39	n.a.	F 12
S 13	22 37 54	7°35'17	13♎27	19°17	18°48	2° 3	17°44	4°41	25°29	7° 2	2°41	9°20	7°57	8°45	n.a.	S 13
S 14	22 41 50	8°35'20	26°44	20°12	19°22	2°44	17°56	4°41	25°26	7° 0	2°41	9°11	7°54	8°52	n.a.	S 14
M15	22 45 47	9°35'24	9♏36	21°14	19°55	3°26	18° 9	4°40	25°24	6°59	2°40	9° 5	7°51	8°58	n.a.	M15
T 16	22 49 43	10°35'30	22° 6	22°22	20°26	4° 7	18°22	4°39	25°21	6°57	2°40	9° 1	7°47	9° 5	n.a.	T 16
W17	22 53 40	11°35'37	4♐18	23°35	20°56	4°49	18°34	4°39	25°19	6°55	2°40	8°59	7°44	9°12	n.a.	W17
T 18	22 57 37	12°35'47	16°16	24°53	21°25	5°30	18°47	4°38	25°17	6°54	2°39	8°D59	7°41	9°18	n.a.	T 18
F 19	23 1 33	13°35'58	28° 6	26°15	21°51	6°12	18°59	4°38	25°14	6°52	2°39	8°59	7°38	9°25	n.a.	F 19
S 20	23 5 30	14°36'11	9♑53	27°39	22°16	6°54	19°12	4°38	25°12	6°50	2°39	9°R 0	7°35	9°32	n.a.	S 20
S 21	23 9 26	15°36'26	21°43	29° 7	22°40	7°36	19°24	4°D38	25° 9	6°49	2°39	8°59	7°32	9°38	n.a.	S 21
M22	23 13 23	16°36'42	3♒40	0♏36	23° 1	8°18	19°36	4°38	25° 7	6°47	2°38	8°56	7°28	9°45	n.a.	M22
T 23	23 17 19	17°37'00	15°49	2° 8	23°21	9° 0	19°49	4°38	25° 4	6°45	2°38	8°50	7°25	9°52	n.a.	T 23
W24	23 21 16	18°37'20	28°11	3°41	23°38	9°43	20° 1	4°38	25° 2	6°44	2°38	8°42	7°22	9°58	n.a.	W24
T 25	23 25 12	19°37'42	10♓49	5°15	23°54	10°25	20°13	4°39	25° 0	6°42	2°38	8°31	7°19	10° 5	n.a.	T 25
F 26	23 29 9	20°38'05	23°42	6°50	24° 7	11° 7	20°26	4°39	24°57	6°40	2°38	8°19	7°16	10°12	n.a.	F 26
S 27	23 33 5	21°38'30	6♈51	8°26	24°19	11°49	20°38	4°40	24°55	6°39	2°38	8° 6	7°13	10°18	n.a.	S 27
S 28	23 37 2	22°38'57	20°13	10° 3	24°28	12°32	20°50	4°41	24°52	6°37	2°38	7°54	7° 9	10°25	n.a.	S 28
M29	23 40 59	23°39'26	3♉46	11°39	24°35	13°14	21° 2	4°41	24°50	6°36	2°D38	7°44	7° 6	10°32	n.a.	M29
T 30	23 44 55	24♍39'57	17♉28	13♍17	24♎40	13♐57	21♌14	4♑42	24♓47	6♓34	2♑38	7♋37	7♋ 3	10♑38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n12	4n38	5s 0	13n 9	1s47	8s16	4s24	21s34	2s34	17n42	1n10	24s32	0s46	2s19	0s44	10s43	1s55	32s41	8s51	23n28	23n35	23s33		n.a.
T 2	12 52	9 44	4 36	13 48	1 27	8 40	4 31	21 43	2 33	17 38	1 10	24 32	0 46	2 20	0 44	10 44	1 55	32 41	8 51	23 29	23 35	23 33		n.a.
W 3	12 31	14 26	3 55	14 24	1 6	9 5	4 37	21 53	2 32	17 34	1 10	24 32	0 46	2 21	0 44	10 45	1 55	32 41	8 51	23 29	23 35	23 34		n.a.
T 4	12 10	18 27	3 0	14 57	0 46	9 28	4 44	22 2	2 32	17 30	1 10	24 32	0 46	2 22	0 44	10 45	1 55	32 41	8 51	23 29	23 35	23 34		n.a.
F 5	11 49	21 29	1 53	15 26	0 26	9 52	4 50	22 11	2 31	17 26	1 11	24 32	0 46	2 23	0 44	10 46	1 55	32 40	8 51	23 29	23 36	23 35		n.a.
S 6	11 27	23 11	0 38	15 52	0 7	10 15	4 56	22 20	2 30	17 22	1 11	24 32	0 46	2 24	0 44	10 46	1 55	32 40	8 50	23 29	23 36	23 35		n.a.
S 7	11 6	23 22	0n40	16 13	0n11	10 37	5 2	22 29	2 30	17 18	1 11	24 33	0 46	2 25	0 44	10 47	1 55	32 40	8 50	23 29	23 36	23 36		n.a.
M 8	10 44	21 56	1 56	16 30	0 28	10 59	5 9	22 38	2 29	17 15	1 11	24 33	0 46	2 26	0 44	10 48	1 55	32 40	8 50	23 29	23 36	23 36		n.a.
T 9	10 22	19 1	3 4	16 42	0 43	11 21	5 15	22 46	2 29	17 11	1 11	24 33	0 46	2 26	0 44	10 48	1 55	32 40	8 50	23 29	23 36	23 37		n.a.
W10	10 0	14 56	4 0	16 49	0 57	11 42	5 21	22 55	2 28	17 7	1 11	24 33	0 46	2 27	0 44	10 49	1 55	32 40	8 50	23 30	23 37	23 37		n.a.
T 11	9 37	10 1	4 39	16 52	1 10	12 2	5 26	23 3	2 27	17 3	1 11	24 33	0 46	2 28	0 44	10 50	1 55	32 40	8 50	23 30	23 37	23 37		n.a.
F 12	9 15	4 41	5 1	16 50	1 21	12 22	5 32	23 11	2 26	16 59	1 11	24 33	0 46	2 29	0 44	10 50	1 55	32 40	8 50	23 31	23 37	23 38		n.a.
S 13	8 52	0s44	5 4	16 44	1 31	12 41	5 38	23 19	2 26	16 55	1 11	24 33	0 46	2 30	0 44	10 51	1 55	32 39	8 49	23 32	23 37	23 38		n.a.
S 14	8 30	5 58	4 51	16 34	1 39	12 59	5 43	23 27	2 25	16 51	1 11	24 33	0 46	2 31	0 44	10 52	1 55	32 39	8 49	23 32	23 37	23 39		n.a.
M15	8 7	10 47	4 23	16 21	1 46	13 17	5 49	23 34	2 24	16 47	1 11	24 33	0 46	2 32	0 44	10 52	1 55	32 39	8 49	23 33	23 38	23 39		n.a.
T 16	7 44	15 1	3 44	16 4	1 52	13 34	5 54	23 42	2 24	16 44	1 12	24 33	0 46	2 33	0 44	10 53	1 55	32 39	8 49	23 33	23 38	23 40		n.a.
W17	7 20	18 31	2 54	15 43	1 57	13 50	5 59	23 49	2 23	16 40	1 12	24 33	0 46	2 34	0 44	10 54	1 55	32 39	8 49	23 33	23 38	23 40		n.a.
T 18	6 57	21 11	1 58	15 20	2 0	14 5	6 4	23 56	2 22	16 36	1 12	24 33	0 46	2 35	0 44	10 54	1 55	32 39	8 49	23 33	23 38	23 40		n.a.
F 19	6 34	22 53	0 58	14 54	2 3	14 20	6 8	24 3	2 21	16 32	1 12	24 33	0 46	2 36	0 44	10 55	1 55	32 38	8 48	23 33	23 38	23 41		n.a.
S 20	6 10	23 34	0s 5	14 26	2 4	14 34	6 13	24 9	2 21	16 28	1 12	24 33	0 46	2 37	0 44	10 55	1 55	32 38	8 48	23 33	23 38	23 41		n.a.
S 21	5 46	23 11	1 7	13 56	2 5	14 46	6 17	24 16	2 20	16 24	1 12	24 33	0 46	2 38	0 44	10 56	1 55	32 38	8 48	23 33	23 39	23 42		n.a.
M22	5 22	21 44	2 8	13 23	2 4	14 58	6 21	24 22	2 19	16 20	1 12	24 33	0 46	2 39	0 44	10 57	1 55	32 38	8 48	23 33	23 39	23 42		n.a.
T 23	4 59	19 17	3 3	12 49	2 4	15 9	6 25	24 28	2 18	16 16	1 12	24 33	0 46	2 40	0 44	10 57	1 55	32 38	8 48	23 34	23 39	23 42		n.a.
W24	4 35	15 54	3 50	12 13	2 2	15 19	6 28	24 34	2 17	16 13	1 13	24 33	0 46	2 41	0 44	10 58	1 55	32 38	8 48	23 34	23 39	23 43		n.a.
T 25	4 11	11 45	4 27	11 36	2 0	15 28	6 31	24 39	2 17	16 9	1 13	24 33	0 46	2 42	0 44	10 59	1 55	32 37	8 47	23 35	23 39	23 43		n.a.
F 26	3 46	6 59	4 52	10 58	1 57	15 36	6 34	24 45	2 16	16 5	1 13	24 33	0 46	2 43	0 44	10 59	1 55	32 37	8 47	23 36	23 40	23 44		n.a.
S 27	3 22	1 50	5 1	10 18	1 54	15 42	6 37	24 50	2 15	16 1	1 13	24 33	0 46	2 44	0 44	11 0	1 55	32 37	8 47	23 37	23 40	23 44		n.a.
S 28	2 58	3n30	4 54	9 38	1 50	15 48	6 39	24 55	2 14	15 57	1 13	24 33	0 46	2 45	0 44	11 0	1 55	32 37	8 47	23 37	23 40	23 44		n.a.
M29	2 34	8 45	4 31	8 57	1 46	15 52	6 40	25 0	2 13	15 54	1 13	24 33	0 46	2 46	0 44	11 1	1 55	32 37	8 47	23 38	23 40	23 45		n.a.
T 30	2n 9	13n38	3s52	8n15	1n42	15s55	6s41	25s 4	2s12	15n50	1n13	24s33	0s46	2s47	0s44	11s 2	1s55	32s37	8s47	23n38	23n40	23s45		n.a.

Julian Day Number = 1201185.5, Delta T = 09h22m21s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'43, Lahiri = -23°36'43 Julian Calendar 1 Sept. 1425 BCE == Greg. Calendar 19 Aug. 1425 BCE

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

OCTOBER 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 48 52	25♍40'30	1♊18	14♍54	24♎42	14♐40	21♌26	4♑43	24°R45	6°R32	2♑38	7°R32	7♋ 0	10♑45	n.a.	W 1
T 2	23 52 48	26°41'05	15°13	16°31	24°R42	15°22	21°38	4°44	24♓42	6♓31	2°38	7♋30	6°57	10°51	n.a.	T 2
F 3	23 56 45	27°41'42	29°14	18° 8	24°40	16° 5	21°49	4°46	24°40	6°29	2°38	7°30	6°53	10°58	n.a.	F 3
S 4	0 0 41	28°42'21	13♋21	19°46	24°35	16°48	22° 1	4°47	24°37	6°28	2°38	7°30	6°50	11° 5	n.a.	S 4
S 5	0 4 38	29°43'02	27°31	21°23	24°28	17°31	22°13	4°48	24°35	6°26	2°38	7°29	6°47	11°11	n.a.	S 5
M 6	0 8 34	0♎43'45	11♌45	23° 0	24°18	18°14	22°24	4°50	24°32	6°25	2°39	7°25	6°44	11°18	n.a.	M 6
T 7	0 12 31	1°44'29	25°58	24°37	24° 6	18°57	22°36	4°51	24°30	6°23	2°39	7°19	6°41	11°25	n.a.	T 7
W 8	0 16 28	2°45'15	10♍ 8	26°13	23°52	19°40	22°47	4°53	24°27	6°22	2°39	7°10	6°38	11°31	n.a.	W 8
T 9	0 20 24	3°46'03	24° 9	27°50	23°35	20°23	22°59	4°55	24°25	6°20	2°39	6°58	6°34	11°38	n.a.	T 9
F 10	0 24 21	4°46'53	7♎57	29°26	23°16	21° 6	23°10	4°57	24°22	6°19	2°40	6°45	6°31	11°45	n.a.	F 10
S 11	0 28 17	5°47'43	21°27	1♏ 2	22°54	21°49	23°21	4°59	24°20	6°17	2°40	6°32	6°28	11°51	n.a.	S 11
S 12	0 32 14	6°48'36	4♏36	2°38	22°31	22°32	23°33	5° 1	24°18	6°16	2°40	6°20	6°25	11°58	n.a.	S 12
M13	0 36 10	7°49'29	17°25	4°14	22° 5	23°16	23°44	5° 3	24°15	6°15	2°41	6°10	6°22	12° 5	n.a.	M13
T 14	0 40 7	8°50'24	29°54	5°49	21°37	23°59	23°55	5° 6	24°13	6°13	2°41	6° 3	6°18	12°11	n.a.	T 14
W15	0 44 3	9°51'20	12♐ 6	7°24	21° 8	24°42	24° 6	5° 8	24°10	6°12	2°41	5°59	6°15	12°18	n.a.	W15
T 16	0 48 0	10°52'17	24° 4	8°59	20°37	25°26	24°17	5°11	24° 8	6°11	2°42	5°57	6°12	12°25	n.a.	T 16
F 17	0 51 57	11°53'15	5♑54	10°34	20° 4	26° 9	24°27	5°13	24° 6	6° 9	2°42	5°57	6° 9	12°31	n.a.	F 17
S 18	0 55 53	12°54'14	17°42	12° 9	19°30	26°52	24°38	5°16	24° 3	6° 8	2°43	5°57	6° 6	12°38	n.a.	S 18
S 19	0 59 50	13°55'14	29°32	13°44	18°56	27°36	24°49	5°19	24° 1	6° 7	2°43	5°56	6° 3	12°44	n.a.	S 19
M20	1 3 46	14°56'15	11♒31	15°18	18°20	28°19	24°59	5°22	23°59	6° 6	2°44	5°53	5°59	12°51	n.a.	M20
T 21	1 7 43	15°57'16	23°43	16°53	17°44	29° 3	25°10	5°25	23°56	6° 4	2°45	5°48	5°56	12°58	n.a.	T 21
W22	1 11 39	16°58'19	6♓12	18°27	17° 8	29°46	25°20	5°28	23°54	6° 3	2°45	5°40	5°53	13° 4	n.a.	W22
T 23	1 15 36	17°59'22	19° 1	20° 2	16°31	0♑30	25°30	5°31	23°52	6° 2	2°46	5°29	5°50	13°11	n.a.	T 23
F 24	1 19 32	19° 0'26	2♈10	21°36	15°55	1°13	25°41	5°34	23°50	6° 1	2°47	5°17	5°47	13°18	n.a.	F 24
S 25	1 23 29	20° 1'31	15°40	23°10	15°19	1°57	25°51	5°38	23°48	6° 0	2°47	5° 4	5°44	13°24	n.a.	S 25
S 26	1 27 26	21° 2'37	29°27	24°44	14°44	2°41	26° 1	5°41	23°45	5°59	2°48	4°52	5°40	13°31	n.a.	S 26
M27	1 31 22	22° 3'44	13♉27	26°18	14°10	3°24	26°10	5°45	23°43	5°58	2°49	4°42	5°37	13°38	n.a.	M27
T 28	1 35 19	23° 4'53	27°36	27°53	13°37	4° 8	26°20	5°49	23°41	5°56	2°50	4°34	5°34	13°44	n.a.	T 28
W29	1 39 15	24° 6'02	11♊49	29°27	13° 6	4°51	26°30	5°52	23°39	5°55	2°50	4°30	5°31	13°51	n.a.	W29
T 30	1 43 12	25° 7'12	26° 2	1♏ 1	12°36	5°35	26°39	5°56	23°37	5°54	2°51	4°28	5°28	13°58	n.a.	T 30
F 31	1 47 8	26♎ 8'23	10♋13	2♏35	12♏ 8	6♑19	26♌49	6♑ 0	23♓35	5♓54	2♑52	4°D28	5♋24	14♑ 4	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n45	17n52	2s59	7n32	1n37	15s56	6s42	25s 8	2s12	15n46	1n13	24s33	0s46	2s48	0s44	11s 2	1s55	32s36	8s46	23n39	23n40	23s45			n.a.
T 2	1 20	21 7	1 55	6 49	1 32	15 57	6 42	25 13	2 11	15 42	1 14	24 33	0 46	2 49	0 44	11 3	1 55	32 36	8 46	23 39	23 41	23 46			n.a.
F 3	0 56	23 8	0 44	6 6	1 27	15 55	6 42	25 16	2 10	15 38	1 14	24 33	0 46	2 50	0 44	11 3	1 55	32 36	8 46	23 39	23 41	23 46			n.a.
S 4	0 31	23 42	0n31	5 22	1 22	15 53	6 41	25 20	2 9	15 35	1 14	24 33	0 46	2 51	0 44	11 4	1 54	32 36	8 46	23 39	23 41	23 46			n.a.
S 5	0 7	22 43	1 44	4 38	1 16	15 49	6 40	25 23	2 8	15 31	1 14	24 33	0 46	2 52	0 44	11 4	1 54	32 36	8 46	23 39	23 41	23 47			n.a.
M 6	0s18	20 17	2 50	3 54	1 10	15 43	6 38	25 27	2 7	15 27	1 14	24 33	0 46	2 53	0 44	11 5	1 54	32 36	8 46	23 39	23 41	23 47			n.a.
T 7	0 42	16 37	3 46	3 9	1 4	15 36	6 35	25 30	2 6	15 24	1 14	24 33	0 46	2 54	0 44	11 5	1 54	32 35	8 45	23 39	23 41	23 47			n.a.
W 8	1 7	12 1	4 28	2 25	0 58	15 28	6 32	25 32	2 6	15 20	1 15	24 33	0 46	2 55	0 44	11 6	1 54	32 35	8 45	23 40	23 42	23 47			n.a.
T 9	1 31	6 50	4 53	1 40	0 52	15 18	6 28	25 35	2 5	15 16	1 15	24 33	0 46	2 56	0 44	11 7	1 54	32 35	8 45	23 41	23 42	23 48			n.a.
F 10	1 56	1 23	5 0	0 55	0 46	15 6	6 23	25 37	2 4	15 13	1 15	24 32	0 46	2 57	0 44	11 7	1 54	32 35	8 45	23 41	23 42	23 48			n.a.
S 11	2 20	4s 2	4 50	0 11	0 39	14 53	6 18	25 39	2 3	15 9	1 15	24 32	0 46	2 58	0 44	11 8	1 54	32 35	8 45	23 42	23 42	23 48			n.a.
S 12	2 45	9 8	4 25	0s34	0 33	14 38	6 12	25 41	2 2	15 5	1 15	24 32	0 46	2 59	0 44	11 8	1 54	32 34	8 45	23 42	23 42	23 49			n.a.
M13	3 9	13 42	3 47	1 18	0 26	14 22	6 5	25 42	2 1	15 2	1 15	24 32	0 46	3 0	0 44	11 9	1 54	32 34	8 44	23 43	23 42	23 49			n.a.
T 14	3 34	17 35	2 58	2 3	0 20	14 4	5 57	25 43	2 0	14 58	1 16	24 32	0 46	3 1	0 44	11 9	1 54	32 34	8 44	23 43	23 43	23 49			n.a.
W15	3 58	20 37	2 3	2 47	0 13	13 45	5 49	25 44	1 59	14 55	1 16	24 32	0 46	3 2	0 44	11 10	1 54	32 34	8 44	23 43	23 43	23 49			n.a.
T 16	4 23	22 41	1 3	3 31	0 7	13 25	5 40	25 45	1 58	14 51	1 16	24 32	0 46	3 3	0 44	11 10	1 54	32 34	8 44	23 44	23 43	23 50			n.a.
F 17	4 47	23 43	0 0	4 15	0 0	13 3	5 30	25 46	1 57	14 48	1 16	24 32	0 46	3 3	0 44	11 11	1 54	32 34	8 44	23 44	23 43	23 50			n.a.
S 18	5 11	23 41	1s 2	4 59	0s 6	12 40	5 19	25 46	1 56	14 44	1 16	24 32	0 46	3 4	0 44	11 11	1 54	32 33	8 43	23 44	23 43	23 50			n.a.
S 19	5 35	22 35	2 2	5 42	0 13	12 16	5 8	25 46	1 55	14 41	1 17	24 32	0 46	3 5	0 44	11 11	1 54	32 33	8 43	23 44	23 43	23 50			n.a.
M20	5 59	20 27	2 57	6 25	0 19	11 51	4 56	25 46	1 55	14 37	1 17	24 32	0 46	3 6	0 44	11 12	1 54	32 33	8 43	23 44	23 43	23 51			n.a.
T 21	6 23	17 22	3 45	7 8	0 25	11 25	4 43	25 45	1 54	14 34	1 17	24 31	0 46	3 7	0 44	11 12	1 54	32 33	8 43	23 44	23 44	23 51			n.a.
W22	6 47	13 27	4 23	7 51	0 32	10 59	4 30	25 44	1 53	14 31	1 17	24 31	0 46	3 8	0 44	11 13	1 54	32 33	8 43	23 44	23 44	23 51			n.a.
T 23	7 11	8 50	4 49	8 33	0 38	10 32	4 16	25 43	1 52	14 27	1 17	24 31	0 46	3 9	0 44	11 13	1 54	32 33	8 43	23 45	23 44	23 51			n.a.
F 24	7 34	3 42	5 1	9 15	0 44	10 5	4 2	25 42	1 51	14 24	1 18	24 31	0 46	3 10	0 44	11 13	1 54	32 32	8 43	23 45	23 44	23 51			n.a.
S 25	7 58	1n44	4 56	9 56	0 50	9 37	3 48	25 41	1 50	14 21	1 18	24 31	0 46	3 11	0 44	11 14	1 54	32 32	8 42	23 46	23 44	23 52			n.a.
S 26	8 21	7 12	4 34	10 37	0 56	9 10	3 33	25 39	1 49	14 17	1 18	24 31	0 47	3 11	0 44	11 14	1 54	32 32	8 42	23 46	23 44	23 52			n.a.
M27	8 44	12 25	3 56	11 17	1 2	8 42	3 18	25 37	1 48	14 14	1 18	24 31	0 47	3 12	0 44	11 15	1 54	32 32	8 42	23 47	23 44	23 52			n.a.
T 28	9 8	17 1	3 2	11 57	1 8	8 15	3 2	25 35	1 47	14 11	1 18	24 30	0 47	3 13	0 44	11 15	1 54	32 32	8 42	23 47	23 45	23 52			n.a.
W29	9 30	20 40	1 57	12 37	1 13	7 48	2 47	25 32	1 46	14 8	1 19	24 30	0 47	3 14	0 44	11 15	1 54	32 31	8 42	23 47	23 45	23 52			n.a.
T 30	9 53	23 3	0 45	13 15	1 19	7 22	2 31	25 29	1 45	14 5	1 19	24 30	0 47	3 15	0 44	11 16	1 54	32 31	8 42	23 47	23 45	23 52			n.a.
F 31	10s16	23n58	0n31	13s54	1s24	6s57	2s15	25s26	1s44	14n 2	1n19	24s30	0s47	3s15	0s44	11s16	1s54	32s31	8s41	23n47	23n45	23s53			n.a.

Julian Day Number = 1201215.5, Delta T = 09h22m20s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'39, Lahiri = -23°36'39 Julian Calendar 1 Oct. 1425 BCE == Greg. Calendar 18 Sept. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

NOVEMBER 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 51 5	27♎ 9'36	24♋19	4♏10	11°R42	7♉ 2	26♌58	6♉ 4	23°R33	5°R53	2♉53	4°R28	5♋21	14♉11	n.a.	S 1
S 2	1 55 1	28°10'49	8♌21	5°44	11♎18	7°46	27° 7	6° 8	23♓31	5♓52	2°54	4♋28	5°18	14°17	n.a.	S 2
M 3	1 58 58	29°12'03	22°18	7°19	10°56	8°30	27°17	6°13	23°29	5°51	2°55	4°25	5°15	14°24	n.a.	M 3
T 4	2 2 55	0♏13'19	6♍ 9	8°53	10°36	9°14	27°26	6°17	23°28	5°50	2°56	4°21	5°12	14°31	n.a.	T 4
W 5	2 6 51	1°14'34	19°52	10°28	10°19	9°57	27°35	6°21	23°26	5°49	2°57	4°13	5° 9	14°37	n.a.	W 5
T 6	2 10 48	2°15'51	3♎25	12° 2	10° 4	10°41	27°43	6°26	23°24	5°48	2°58	4° 3	5° 5	14°44	n.a.	T 6
F 7	2 14 44	3°17'08	16°48	13°37	9°52	11°25	27°52	6°30	23°22	5°48	2°59	3°52	5° 2	14°51	n.a.	F 7
S 8	2 18 41	4°18'26	29°56	15°11	9°42	12° 8	28° 0	6°35	23°20	5°47	3° 0	3°41	4°59	14°57	n.a.	S 8
S 9	2 22 37	5°19'44	12♏49	16°46	9°35	12°52	28° 9	6°39	23°19	5°46	3° 1	3°31	4°56	15° 4	n.a.	S 9
M10	2 26 34	6°21'03	25°27	18°21	9°30	13°36	28°17	6°44	23°17	5°46	3° 2	3°22	4°53	15°11	n.a.	M10
T 11	2 30 30	7°22'22	7♐48	19°55	9°D28	14°20	28°25	6°49	23°16	5°45	3° 3	3°16	4°49	15°17	n.a.	T 11
W12	2 34 27	8°23'41	19°56	21°29	9°28	15° 3	28°33	6°54	23°14	5°44	3° 4	3°13	4°46	15°24	n.a.	W12
T 13	2 38 24	9°25'00	1♑53	23° 3	9°31	15°47	28°41	6°59	23°12	5°44	3° 5	3°D12	4°43	15°31	n.a.	T 13
F 14	2 42 20	10°26'20	13°42	24°37	9°36	16°31	28°49	7° 4	23°11	5°43	3° 6	3°12	4°40	15°37	n.a.	F 14
S 15	2 46 17	11°27'39	25°29	26°10	9°43	17°15	28°57	7° 9	23°10	5°43	3° 8	3°14	4°37	15°44	n.a.	S 15
S 16	2 50 13	12°28'58	7♒19	27°42	9°52	17°59	29° 4	7°14	23° 8	5°42	3° 9	3°R15	4°34	15°51	n.a.	S 16
M17	2 54 10	13°30'17	19°16	29°14	10° 4	18°42	29°11	7°20	23° 7	5°42	3°10	3°15	4°30	15°57	n.a.	M17
T 18	2 58 6	14°31'35	1♓27	0♐45	10°18	19°26	29°19	7°25	23° 5	5°42	3°11	3°13	4°27	16° 4	n.a.	T 18
W19	3 2 3	15°32'53	13°56	2°15	10°34	20°10	29°26	7°31	23° 4	5°41	3°13	3° 9	4°24	16°11	n.a.	W19
T 20	3 6 0	16°34'11	26°47	3°44	10°52	20°53	29°33	7°36	23° 3	5°41	3°14	3° 3	4°21	16°17	n.a.	T 20
F 21	3 9 56	17°35'29	10♈ 3	5°10	11°12	21°37	29°39	7°42	23° 2	5°41	3°15	2°56	4°18	16°24	n.a.	F 21
S 22	3 13 53	18°36'46	23°43	6°35	11°34	22°21	29°46	7°47	23° 1	5°40	3°16	2°48	4°15	16°30	n.a.	S 22
S 23	3 17 49	19°38'03	7♉46	7°58	11°58	23° 5	29°53	7°53	23° 0	5°40	3°18	2°41	4°11	16°37	n.a.	S 23
M24	3 21 46	20°39'20	22° 9	9°17	12°24	23°48	29°59	7°59	22°59	5°40	3°19	2°34	4° 8	16°44	n.a.	M24
T 25	3 25 42	21°40'36	6♊44	10°33	12°51	24°32	0♍ 5	8° 4	22°58	5°40	3°21	2°30	4° 5	16°50	n.a.	T 25
W26	3 29 39	22°41'53	21°25	11°46	13°21	25°15	0°11	8°10	22°57	5°40	3°22	2°27	4° 2	16°57	n.a.	W26
T 27	3 33 35	23°43'09	6♋ 5	12°53	13°51	25°59	0°17	8°16	22°56	5°40	3°23	2°D27	3°59	17° 4	n.a.	T 27
F 28	3 37 32	24°44'26	20°38	13°56	14°24	26°43	0°23	8°22	22°55	5°40	3°25	2°28	3°55	17°10	n.a.	F 28
S 29	3 41 29	25°45'42	5♌ 1	14°52	14°58	27°26	0°28	8°28	22°54	5°D40	3°26	2°29	3°52	17°17	n.a.	S 29
S 30	3 45 25	26♏46'58	19♌10	15♐41	15♎33	28♉10	0♍34	8♉34	22♓53	5♓40	3♉28	2♋31	3♋49	17♉24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s38	23n20	1n44	14s31	1s29	6s32	2s 0	25s23	1s43	13n59	1n19	24s30	0s47	3s16	0s44	11s16	1s54	32s31	8s41	23n47	23n45	23s53		n.a.
S 2	11 1	21 14	2 50	15 8	1 34	6 8	1 44	25 20	1 42	13 56	1 19	24 30	0 47	3 17	0 44	11 17	1 53	32 31	8 41	23 47	23 45	23 53		n.a.
M 3	11 23	17 52	3 46	15 44	1 38	5 45	1 29	25 16	1 41	13 53	1 20	24 29	0 47	3 18	0 44	11 17	1 53	32 31	8 41	23 47	23 45	23 53		n.a.
T 4	11 45	13 33	4 28	16 20	1 43	5 24	1 14	25 12	1 40	13 50	1 20	24 29	0 47	3 18	0 44	11 17	1 53	32 30	8 41	23 47	23 45	23 53		n.a.
W 5	12 7	8 35	4 54	16 54	1 47	5 3	0 59	25 8	1 39	13 47	1 20	24 29	0 47	3 19	0 44	11 17	1 53	32 30	8 41	23 48	23 46	23 53		n.a.
T 6	12 28	3 15	5 4	17 28	1 51	4 44	0 44	25 3	1 38	13 44	1 20	24 29	0 47	3 20	0 44	11 18	1 53	32 30	8 41	23 48	23 46	23 53		n.a.
F 7	12 50	2s10	4 56	18 1	1 55	4 26	0 30	24 59	1 37	13 41	1 21	24 28	0 47	3 21	0 44	11 18	1 53	32 30	8 40	23 48	23 46	23 54		n.a.
S 8	13 11	7 24	4 33	18 33	1 58	4 9	0 16	24 54	1 36	13 38	1 21	24 28	0 47	3 21	0 44	11 18	1 53	32 30	8 40	23 49	23 46	23 54		n.a.
S 9	13 32	12 13	3 56	19 4	2 1	3 54	0 2	24 48	1 35	13 36	1 21	24 28	0 47	3 22	0 43	11 18	1 53	32 30	8 40	23 49	23 46	23 54		n.a.
M10	13 52	16 25	3 8	19 34	2 4	3 40	0n11	24 43	1 34	13 33	1 21	24 28	0 47	3 22	0 43	11 18	1 53	32 29	8 40	23 49	23 46	23 54		n.a.
T 11	14 13	19 50	2 12	20 3	2 6	3 27	0 24	24 37	1 33	13 30	1 22	24 28	0 47	3 23	0 43	11 19	1 53	32 29	8 40	23 49	23 46	23 54		n.a.
W12	14 33	22 18	1 11	20 30	2 8	3 16	0 36	24 31	1 32	13 28	1 22	24 27	0 47	3 24	0 43	11 19	1 53	32 29	8 40	23 49	23 46	23 54		n.a.
T 13	14 53	23 44	0 7	20 57	2 9	3 6	0 48	24 25	1 31	13 25	1 22	24 27	0 47	3 24	0 43	11 19	1 53	32 29	8 40	23 49	23 47	23 54		n.a.
F 14	15 13	24 5	0s56	21 22	2 10	2 57	1 0	24 19	1 30	13 22	1 22	24 27	0 47	3 25	0 43	11 19	1 53	32 29	8 39	23 49	23 47	23 54		n.a.
S 15	15 32	23 20	1 57	21 45	2 11	2 50	1 11	24 12	1 29	13 20	1 23	24 27	0 47	3 25	0 43	11 19	1 53	32 29	8 39	23 49	23 47	23 54		n.a.
S 16	15 51	21 34	2 53	22 7	2 11	2 44	1 21	24 5	1 28	13 18	1 23	24 26	0 47	3 26	0 43	11 19	1 53	32 29	8 39	23 49	23 47	23 54		n.a.
M17	16 10	18 49	3 43	22 28	2 10	2 39	1 32	23 58	1 27	13 15	1 23	24 26	0 47	3 26	0 43	11 19	1 53	32 28	8 39	23 49	23 47	23 54		n.a.
T 18	16 29	15 14	4 23	22 46	2 9	2 36	1 41	23 51	1 27	13 13	1 23	24 26	0 47	3 27	0 43	11 20	1 53	32 28	8 39	23 49	23 47	23 54		n.a.
W19	16 47	10 54	4 52	23 4	2 7	2 34	1 51	23 44	1 26	13 11	1 24	24 25	0 47	3 27	0 43	11 20	1 53	32 28	8 39	23 49	23 47	23 54		n.a.
T 20	17 5	5 59	5 7	23 19	2 5	2 33	2 0	23 36	1 25	13 8	1 24	24 25	0 47	3 28	0 43	11 20	1 53	32 28	8 39	23 50	23 47	23 54		n.a.
F 21	17 23	0 38	5 6	23 32	2 2	2 33	2 8	23 28	1 24	13 6	1 24	24 25	0 47	3 28	0 43	11 20	1 52	32 28	8 39	23 50	23 47	23 55		n.a.
S 22	17 40	4n54	4 49	23 43	1 58	2 34	2 16	23 20	1 23	13 4	1 25	24 24	0 47	3 29	0 43	11 20	1 52	32 28	8 39	23 50	23 48	23 55		n.a.
S 23	17 57	10 22	4 13	23 53	1 53	2 37	2 24	23 11	1 22	13 2	1 25	24 24	0 47	3 29	0 43	11 20	1 52	32 28	8 38	23 50	23 48	23 55		n.a.
M24	18 14	15 23	3 21	24 0	1 47	2 40	2 31	23 3	1 21	13 0	1 25	24 24	0 47	3 29	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
T 25	18 30	19 36	2 15	24 5	1 40	2 45	2 38	22 54	1 20	12 58	1 25	24 23	0 47	3 30	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
W26	18 46	22 35	1 0	24 7	1 33	2 50	2 44	22 45	1 19	12 56	1 26	24 23	0 47	3 30	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
T 27	19 2	24 3	0n20	24 8	1 24	2 57	2 50	22 36	1 18	12 54	1 26	24 23	0 47	3 30	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
F 28	19 17	23 51	1 38	24 6	1 14	3 4	2 56	22 26	1 17	12 52	1 26	24 22	0 47	3 31	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
S 29	19 32	22 4	2 48	24 1	1 3	3 13	3 2	22 17	1 16	12 51	1 27	24 22	0 47	3 31	0 43	11 20	1 52	32 27	8 38	23 50	23 48	23 55		n.a.
S 30	19s47	18n56	3n48	23s55	0s50	3s22	3n 7	22s 7	1s15	12n49	1n27	24s22	0s47	3s31	0s43	11s20	1s52	32s27	8s38	23n50	23n48	23s55		n.a.

Julian Day Number = 1201246.5, Delta T = 09h22m18s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'35, Lahiri = -23°36'34 Julian Calendar 1 Nov. 1425 BCE == Greg. Calendar 19 Oct. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1425 BCE
geocentric

DECEMBER 1425 BCE (-1424) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 49 22	27♏48'13	3♍ 4	16♐23	16♎ 9	28♑53	0♍39	8♑41	22°R53	5♓40	3♑29	2°R31	3♋46	17♑30	n.a.	M 1
T 2	3 53 18	28°49'28	16°44	16°56	16°47	29°37	0°44	8°47	22♓52	5°40	3°31	2♋29	3°43	17°37	n.a.	T 2
W 3	3 57 15	29°50'43	0♎ 9	17°19	17°27	0♒21	0°49	8°53	22°52	5°40	3°32	2°26	3°40	17°44	n.a.	W 3
T 4	4 1 11	0♐51'58	13°21	17°31	18° 7	1° 4	0°54	8°59	22°51	5°40	3°34	2°22	3°36	17°50	n.a.	T 4
F 5	4 5 8	1°53'12	26°19	17°R33	18°49	1°48	0°58	9° 6	22°51	5°40	3°35	2°17	3°33	17°57	n.a.	F 5
S 6	4 9 5	2°54'26	9♏ 4	17°23	19°31	2°31	1° 3	9°12	22°50	5°40	3°37	2°11	3°30	18° 4	n.a.	S 6
S 7	4 13 1	3°55'39	21°37	17° 1	20°15	3°14	1° 7	9°19	22°50	5°41	3°38	2° 7	3°27	18°10	n.a.	S 7
M 8	4 16 58	4°56'52	3♐58	16°28	21° 0	3°58	1°11	9°25	22°49	5°41	3°40	2° 3	3°24	18°17	n.a.	M 8
T 9	4 20 54	5°58'04	16° 8	15°44	21°46	4°41	1°15	9°32	22°49	5°41	3°42	2° 0	3°21	18°24	n.a.	T 9
W10	4 24 51	6°59'15	28° 8	14°49	22°33	5°25	1°19	9°38	22°49	5°42	3°43	1°D59	3°17	18°30	n.a.	W10
T 11	4 28 47	8° 0'25	10♑ 1	13°47	23°20	6° 8	1°22	9°45	22°49	5°42	3°45	1°59	3°14	18°37	n.a.	T 11
F 12	4 32 44	9° 1'34	21°49	12°37	24° 9	6°52	1°26	9°52	22°49	5°43	3°47	2° 0	3°11	18°43	n.a.	F 12
S 13	4 36 41	10° 2'41	3♒36	11°23	24°58	7°35	1°29	9°58	22°49	5°43	3°48	2° 2	3° 8	18°50	n.a.	S 13
S 14	4 40 37	11° 3'48	15°25	10° 7	25°49	8°18	1°32	10° 5	22°D49	5°44	3°50	2° 4	3° 5	18°57	n.a.	S 14
M15	4 44 34	12° 4'53	27°22	8°50	26°39	9° 2	1°35	10°12	22°49	5°44	3°51	2° 5	3° 1	19° 3	n.a.	M15
T 16	4 48 30	13° 5'57	9♓30	7°36	27°31	9°45	1°37	10°19	22°49	5°45	3°53	2°R 6	2°58	19°10	n.a.	T 16
W17	4 52 27	14° 6'59	21°55	6°26	28°24	10°28	1°40	10°26	22°49	5°45	3°55	2° 6	2°55	19°17	n.a.	W17
T 18	4 56 23	15° 8'00	4♈41	5°22	29°17	11°11	1°42	10°33	22°49	5°46	3°57	2° 5	2°52	19°23	n.a.	T 18
F 19	5 0 20	16° 9'00	17°52	4°26	0♏10	11°54	1°44	10°40	22°49	5°47	3°58	2° 3	2°49	19°30	n.a.	F 19
S 20	5 4 16	17° 9'58	1♉30	3°37	1° 5	12°38	1°46	10°46	22°50	5°47	4° 0	2° 1	2°46	19°37	n.a.	S 20
S 21	5 8 13	18°10'55	15°34	2°56	2° 0	13°21	1°48	10°53	22°50	5°48	4° 2	1°59	2°42	19°43	n.a.	S 21
M22	5 12 10	19°11'50	0♊ 4	2°25	2°55	14° 4	1°49	11° 1	22°50	5°49	4° 3	1°58	2°39	19°50	n.a.	M22
T 23	5 16 6	20°12'44	14°53	2° 1	3°52	14°47	1°50	11° 8	22°51	5°50	4° 5	1°56	2°36	19°57	n.a.	T 23
W24	5 20 3	21°13'37	29°54	1°47	4°48	15°30	1°52	11°15	22°51	5°51	4° 7	1°D56	2°33	20° 3	n.a.	W24
T 25	5 23 59	22°14'28	14♋58	1°D40	5°45	16°13	1°52	11°22	22°52	5°52	4° 9	1°56	2°30	20°10	n.a.	T 25
F 26	5 27 56	23°15'18	29°57	1°42	6°43	16°56	1°53	11°29	22°53	5°52	4°10	1°57	2°27	20°17	n.a.	F 26
S 27	5 31 52	24°16'07	14♌44	1°50	7°41	17°39	1°54	11°36	22°53	5°53	4°12	1°58	2°23	20°23	n.a.	S 27
S 28	5 35 49	25°16'55	29°11	2° 5	8°40	18°22	1°54	11°43	22°54	5°54	4°14	1°58	2°20	20°30	n.a.	S 28
M29	5 39 46	26°17'41	13♍17	2°27	9°39	19° 5	1°54	11°51	22°55	5°55	4°16	1°59	2°17	20°37	n.a.	M29
T 30	5 43 42	27°18'26	27° 0	2°54	10°39	19°47	1°R54	11°58	22°56	5°56	4°17	1°R59	2°14	20°43	n.a.	T 30
W31	5 47 39	28♐19'10	10♎21	3♐26	11♏39	20♒30	1♍54	12♑ 5	22♓56	5♓57	4♑19	1♋59	2♋11	20♑50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20s 1	14n46	4n32	23s46	0s37	3s32	3n11	21s57	1s14	12n47	1n27	24s21	0s47	3s32	0s43	11s20	1s52	32s26	8s38	23n50	23n48	23s54			n.a.
T 2	20 15	9 56	5 1	23 34	0 22	3 42	3 16	21 47	1 13	12 46	1 27	24 21	0 47	3 32	0 43	11 19	1 52	32 26	8 38	23 50	23 49	23 54			n.a.
W 3	20 28	4 42	5 12	23 21	0 6	3 54	3 20	21 36	1 12	12 44	1 28	24 20	0 47	3 32	0 43	11 19	1 52	32 26	8 38	23 50	23 49	23 54			n.a.
T 4	20 42	0s40	5 7	23 5	0n11	4 6	3 24	21 26	1 11	12 43	1 28	24 20	0 47	3 32	0 43	11 19	1 52	32 26	8 38	23 50	23 49	23 54			n.a.
F 5	20 54	5 54	4 46	22 47	0 29	4 19	3 27	21 15	1 10	12 42	1 28	24 20	0 47	3 32	0 43	11 19	1 52	32 26	8 38	23 51	23 49	23 54			n.a.
S 6	21 7	10 49	4 10	22 28	0 48	4 32	3 30	21 4	1 9	12 40	1 29	24 19	0 47	3 32	0 43	11 19	1 52	32 26	8 37	23 51	23 49	23 54			n.a.
S 7	21 18	15 13	3 24	22 7	1 7	4 46	3 33	20 53	1 8	12 39	1 29	24 19	0 47	3 33	0 42	11 19	1 52	32 26	8 37	23 51	23 49	23 54			n.a.
M 8	21 30	18 53	2 28	21 44	1 26	5 1	3 36	20 41	1 7	12 38	1 29	24 18	0 47	3 33	0 42	11 19	1 51	32 26	8 37	23 51	23 49	23 54			n.a.
T 9	21 41	21 42	1 26	21 20	1 45	5 16	3 38	20 30	1 6	12 37	1 30	24 18	0 47	3 33	0 42	11 18	1 51	32 26	8 37	23 51	23 49	23 54			n.a.
W10	21 52	23 30	0 21	20 55	2 4	5 31	3 40	20 18	1 5	12 36	1 30	24 17	0 47	3 33	0 42	11 18	1 51	32 26	8 37	23 51	23 49	23 54			n.a.
T 11	22 2	24 13	0s44	20 30	2 22	5 47	3 42	20 6	1 4	12 35	1 30	24 17	0 47	3 33	0 42	11 18	1 51	32 25	8 37	23 51	23 49	23 54			n.a.
F 12	22 12	23 49	1 47	20 5	2 39	6 4	3 44	19 54	1 3	12 34	1 30	24 17	0 47	3 33	0 42	11 18	1 51	32 25	8 37	23 51	23 49	23 54			n.a.
S 13	22 21	22 22	2 46	19 41	2 53	6 21	3 45	19 42	1 3	12 33	1 31	24 16	0 47	3 33	0 42	11 18	1 51	32 25	8 37	23 51	23 49	23 54			n.a.
S 14	22 30	19 57	3 38	19 17	3 6	6 38	3 46	19 30	1 2	12 32	1 31	24 16	0 47	3 33	0 42	11 17	1 51	32 25	8 37	23 51	23 50	23 54			n.a.
M15	22 38	16 40	4 20	18 56	3 17	6 56	3 47	19 17	1 1	12 31	1 31	24 15	0 48	3 33	0 42	11 17	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
T 16	22 46	12 38	4 52	18 36	3 25	7 14	3 48	19 5	1 0	12 31	1 32	24 15	0 48	3 33	0 42	11 17	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
W17	22 54	8 1	5 12	18 19	3 30	7 32	3 48	18 52	0 59	12 30	1 32	24 14	0 48	3 33	0 42	11 17	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
T 18	23 1	2 56	5 16	18 4	3 34	7 51	3 49	18 39	0 58	12 30	1 32	24 14	0 48	3 32	0 42	11 16	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
F 19	23 8	2n27	5 5	17 53	3 35	8 10	3 49	18 26	0 57	12 29	1 33	24 13	0 48	3 32	0 42	11 16	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
S 20	23 14	7 54	4 36	17 45	3 34	8 29	3 49	18 13	0 56	12 29	1 33	24 13	0 48	3 32	0 42	11 16	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
S 21	23 20	13 8	3 50	17 40	3 31	8 49	3 48	17 59	0 55	12 28	1 33	24 12	0 48	3 32	0 42	11 15	1 51	32 25	8 37	23 51	23 50	23 53			n.a.
M22	23 25	17 47	2 48	17 38	3 27	9 8	3 48	17 46	0 54	12 28	1 34	24 11	0 48	3 32	0 42	11 15	1 51	32 25	8 37	23 51	23 50	23 52			n.a.
T 23	23 30	21 27	1 33	17 39	3 21	9 28	3 47	17 32	0 53	12 28	1 34	24 11	0 48	3 32	0 42	11 15	1 51	32 25	8 37	23 51	23 50	23 52			n.a.
W24	23 34	23 40	0 11	17 43	3 14	9 48	3 47	17 18	0 52	12 28	1 34	24 10	0 48	3 31	0 42	11 14	1 51	32 25	8 37	23 51	23 50	23 52			n.a.
T 25	23 38	24 12	1n12	17 49	3 7	10 8	3 46	17 4	0 51	12 28	1 35	24 10	0 48	3 31	0 42	11 14	1 50	32 24	8 37	23 51	23 50	23 52			n.a.
F 26	23 41	22 57	2 30	17 57	2 58	10 28	3 45	16 50	0 51	12 28	1 35	24 9	0 48	3 31	0 42	11 13	1 50	32 24	8 37	23 51	23 50	23 52			n.a.
S 27	23 44	20 8	3 36	18 8	2 49	10 48	3 43	16 36	0 50	12 28	1 35	24 9	0 48	3 30	0 42	11 13	1 50	32 24	8 37	23 51	23 50	23 52			n.a.
S 28	23 47	16 7	4 27	18 20	2 40	11 9	3 42	16 22	0 49	12 28	1 36	24 8	0 48	3 30	0 42	11 13	1 50	32 24	8 37	23 51	23 50	23 51			n.a.
M29	23 49	11 18	5 1	18 34	2 30	11 29	3 40	16 7	0 48	12 28	1 36	24 7	0 48	3 30	0 42	11 12	1 50	32 24	8 37	23 51	23 51	23 51			n.a.
T 30	23 50	6 2	5 17	18 49	2 20	11 49	3 39	15 53	0 47	12 28	1 36	24 7	0 48	3 29	0 42	11 12	1 50	32 24	8 37	23 51	23 51	23 51			n.a.
W31	23s51	0n38	5n15	19s 6	2n 9	12s10	3n37	15s38	0s46	12n29	1n36	24s 6	0s48	3s29	0s41	11s11	1s50	32s24	8s37	23n51	23n51	23s51			n.a.

Julian Day Number = 1201276.5, Delta T = 09h22m16s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'31, Lahiri = -23°36'30 Julian Calendar 1 Dec. 1425 BCE == Greg. Calendar 18 Nov. 1425 BCE

The year -1424 astronomical counting style corresponds to year 1425 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

JANUARY 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 51 35	29♐19'52	23♎22	4♐ 3	12♏39	21♒13	1°R54	12♑12	22♓57	5♓59	4♑21	1°R58	2♋ 7	20♑57	n.a.	T 1
F 2	5 55 32	0♑20'34	6♏ 5	4°45	13°40	21°56	1♍53	12°20	22°58	6° 0	4°23	1♋58	2° 4	21° 3	n.a.	F 2
S 3	5 59 28	1°21'13	18°33	5°30	14°41	22°39	1°53	12°27	22°59	6° 1	4°24	1°58	2° 1	21°10	n.a.	S 3
S 4	6 3 25	2°21'52	0♐49	6°20	15°43	23°21	1°52	12°34	23° 0	6° 2	4°26	1°D58	1°58	21°16	n.a.	S 4
M 5	6 7 21	3°22'29	12°54	7°13	16°45	24° 4	1°50	12°42	23° 2	6° 3	4°28	1°58	1°55	21°23	n.a.	M 5
T 6	6 11 18	4°23'04	24°53	8° 9	17°47	24°47	1°49	12°49	23° 3	6° 5	4°30	1°58	1°52	21°30	n.a.	T 6
W 7	6 15 15	5°23'38	6♑45	9° 7	18°49	25°29	1°48	12°56	23° 4	6° 6	4°31	1°R58	1°48	21°36	n.a.	W 7
T 8	6 19 11	6°24'09	18°34	10° 9	19°52	26°12	1°46	13° 4	23° 5	6° 7	4°33	1°58	1°45	21°43	n.a.	T 8
F 9	6 23 8	7°24'39	0♒22	11°13	20°55	26°54	1°44	13°11	23° 7	6° 9	4°35	1°58	1°42	21°50	n.a.	F 9
S 10	6 27 4	8°25'07	12°10	12°19	21°59	27°37	1°42	13°18	23° 8	6°10	4°37	1°57	1°39	21°56	n.a.	S 10
S 11	6 31 1	9°25'33	24° 3	13°28	23° 2	28°19	1°40	13°26	23° 9	6°11	4°39	1°56	1°36	22° 3	n.a.	S 11
M12	6 34 57	10°25'57	6♓ 1	14°38	24° 6	29° 2	1°37	13°33	23°11	6°13	4°40	1°55	1°33	22°10	n.a.	M12
T 13	6 38 54	11°26'19	18°11	15°50	25°10	29°44	1°34	13°41	23°12	6°14	4°42	1°54	1°29	22°16	n.a.	T 13
W14	6 42 50	12°26'39	0♈34	17° 4	26°15	0♓27	1°32	13°48	23°14	6°16	4°44	1°53	1°26	22°23	n.a.	W14
T 15	6 46 47	13°26'56	13°15	18°20	27°19	1° 9	1°29	13°55	23°16	6°17	4°46	1°D53	1°23	22°30	n.a.	T 15
F 16	6 50 44	14°27'12	26°17	19°37	28°24	1°51	1°25	14° 3	23°17	6°19	4°47	1°53	1°20	22°36	n.a.	F 16
S 17	6 54 40	15°27'25	9♉45	20°56	29°29	2°34	1°22	14°10	23°19	6°20	4°49	1°54	1°17	22°43	n.a.	S 17
S 18	6 58 37	16°27'36	23°39	22°17	0♐34	3°16	1°19	14°18	23°21	6°22	4°51	1°55	1°13	22°50	n.a.	S 18
M19	7 2 33	17°27'44	8♊ 0	23°38	1°40	3°58	1°15	14°25	23°22	6°23	4°53	1°56	1°10	22°56	n.a.	M19
T 20	7 6 30	18°27'51	22°45	25° 2	2°45	4°40	1°11	14°33	23°24	6°25	4°54	1°57	1° 7	23° 3	n.a.	T 20
W21	7 10 26	19°27'55	7♋49	26°26	3°51	5°22	1° 7	14°40	23°26	6°27	4°56	1°R57	1° 4	23°10	n.a.	W21
T 22	7 14 23	20°27'57	23° 3	27°52	4°57	6° 4	1° 3	14°47	23°28	6°28	4°58	1°56	1° 1	23°16	n.a.	T 22
F 23	7 18 19	21°27'58	8♌17	29°19	6° 4	6°46	0°58	14°55	23°30	6°30	5° 0	1°54	0°58	23°23	n.a.	F 23
S 24	7 22 16	22°27'56	23°22	0♑47	7°10	7°28	0°54	15° 2	23°32	6°32	5° 1	1°52	0°54	23°30	n.a.	S 24
S 25	7 26 13	23°27'52	8♍ 9	2°16	8°17	8°10	0°49	15° 9	23°34	6°34	5° 3	1°49	0°51	23°36	n.a.	S 25
M26	7 30 9	24°27'46	22°31	3°47	9°23	8°52	0°44	15°17	23°36	6°35	5° 5	1°46	0°48	23°43	n.a.	M26
T 27	7 34 6	25°27'39	6♎26	5°19	10°30	9°34	0°39	15°24	23°38	6°37	5° 6	1°44	0°45	23°50	n.a.	T 27
W28	7 38 2	26°27'29	19°53	6°52	11°37	10°16	0°34	15°31	23°41	6°39	5° 8	1°43	0°42	23°56	n.a.	W28
T 29	7 41 59	27°27'18	2♏55	8°26	12°45	10°58	0°29	15°39	23°43	6°41	5°10	1°D43	0°39	24° 3	n.a.	T 29
F 30	7 45 55	28°27'05	15°33	10° 1	13°52	11°40	0°23	15°46	23°45	6°43	5°11	1°44	0°35	24°10	n.a.	F 30
S 31	7 49 52	29♑26'50	27♏54	11♑38	14♐59	12♓22	0♍18	15♑53	23♓47	6♓44	5♑13	1♋45	0♋32	24♑16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s52	4s39	4n56	19s23	1n59	12s30	3n35	15s23	0s45	12n29	1n37	24s 6	0s48	3s29	0s41	11s11	1s50	32s24	8s37	23n51	23n51	23s50			n.a.
F 2	23 52	9 39	4 23	19 41	1 48	12 50	3 33	15 9	0 44	12 30	1 37	24 5	0 48	3 28	0 41	11 10	1 50	32 24	8 37	23 51	23 51	23 50			n.a.
S 3	23 51	14 9	3 39	20 0	1 38	13 11	3 31	14 54	0 43	12 30	1 37	24 4	0 48	3 28	0 41	11 10	1 50	32 24	8 37	23 51	23 51	23 50			n.a.
S 4	23 50	18 0	2 45	20 19	1 28	13 31	3 28	14 38	0 43	12 31	1 38	24 4	0 49	3 27	0 41	11 9	1 50	32 24	8 37	23 51	23 51	23 50			n.a.
M 5	23 49	21 2	1 44	20 38	1 17	13 51	3 26	14 23	0 42	12 32	1 38	24 3	0 49	3 27	0 41	11 9	1 50	32 24	8 37	23 51	23 51	23 50			n.a.
T 6	23 47	23 6	0 39	20 57	1 7	14 11	3 23	14 8	0 41	12 32	1 38	24 2	0 49	3 26	0 41	11 8	1 50	32 24	8 37	23 51	23 51	23 49			n.a.
W 7	23 45	24 8	0s27	21 16	0 57	14 31	3 21	13 53	0 40	12 33	1 39	24 2	0 49	3 26	0 41	11 8	1 50	32 24	8 37	23 51	23 51	23 49			n.a.
T 8	23 42	24 3	1 31	21 35	0 47	14 51	3 18	13 37	0 39	12 34	1 39	24 1	0 49	3 25	0 41	11 7	1 50	32 24	8 38	23 51	23 51	23 49			n.a.
F 9	23 39	22 53	2 31	21 54	0 37	15 10	3 15	13 22	0 38	12 35	1 39	24 0	0 49	3 25	0 41	11 7	1 50	32 24	8 38	23 51	23 51	23 48			n.a.
S 10	23 35	20 43	3 25	22 13	0 28	15 30	3 12	13 6	0 37	12 36	1 40	24 0	0 49	3 24	0 41	11 6	1 50	32 24	8 38	23 51	23 51	23 48			n.a.
S 11	23 31	17 40	4 11	22 31	0 18	15 49	3 9	12 50	0 37	12 37	1 40	23 59	0 49	3 23	0 41	11 6	1 50	32 24	8 38	23 51	23 51	23 48			n.a.
M12	23 27	13 52	4 46	22 49	0 9	16 8	3 6	12 34	0 36	12 39	1 40	23 58	0 49	3 23	0 41	11 5	1 50	32 24	8 38	23 51	23 51	23 48			n.a.
T 13	23 22	9 28	5 8	23 6	0 0	16 26	3 3	12 18	0 35	12 40	1 40	23 58	0 49	3 22	0 41	11 4	1 50	32 24	8 38	23 51	23 51	23 47			n.a.
W14	23 16	4 36	5 17	23 22	0s 9	16 45	3 0	12 2	0 34	12 41	1 41	23 57	0 49	3 21	0 41	11 4	1 49	32 24	8 38	23 51	23 51	23 47			n.a.
T 15	23 10	0n33	5 11	23 37	0 17	17 3	2 56	11 46	0 33	12 42	1 41	23 56	0 49	3 21	0 41	11 3	1 49	32 24	8 38	23 51	23 51	23 47			n.a.
F 16	23 4	5 50	4 49	23 52	0 25	17 21	2 53	11 30	0 32	12 44	1 41	23 55	0 49	3 20	0 41	11 3	1 49	32 24	8 38	23 51	23 51	23 46			n.a.
S 17	22 57	11 2	4 11	24 6	0 33	17 38	2 49	11 14	0 32	12 45	1 42	23 55	0 49	3 19	0 41	11 2	1 49	32 24	8 38	23 51	23 51	23 46			n.a.
S 18	22 50	15 51	3 17	24 19	0 41	17 56	2 46	10 58	0 31	12 47	1 42	23 54	0 49	3 19	0 41	11 1	1 49	32 24	8 38	23 51	23 51	23 46			n.a.
M19	22 42	19 55	2 9	24 31	0 48	18 13	2 42	10 41	0 30	12 49	1 42	23 53	0 50	3 18	0 41	11 1	1 49	32 24	8 38	23 51	23 51	23 45			n.a.
T 20	22 34	22 49	0 51	24 41	0 55	18 29	2 39	10 25	0 29	12 50	1 42	23 52	0 50	3 17	0 41	11 0	1 49	32 24	8 39	23 51	23 51	23 45			n.a.
W21	22 25	24 10	0n32	24 51	1 2	18 46	2 35	10 9	0 28	12 52	1 43	23 52	0 50	3 16	0 41	10 59	1 49	32 24	8 39	23 51	23 51	23 45			n.a.
T 22	22 16	23 44	1 54	24 59	1 9	19 1	2 31	9 52	0 27	12 54	1 43	23 51	0 50	3 15	0 41	10 59	1 49	32 24	8 39	23 51	23 51	23 44			n.a.
F 23	22 7	21 32	3 8	25 7	1 15	19 17	2 27	9 35	0 27	12 56	1 43	23 50	0 50	3 15	0 41	10 58	1 49	32 24	8 39	23 51	23 52	23 44			n.a.
S 24	21 57	17 51	4 7	25 12	1 21	19 32	2 23	9 19	0 26	12 57	1 44	23 49	0 50	3 14	0 41	10 57	1 49	32 25	8 39	23 51	23 52	23 44			n.a.
S 25	21 47	13 7	4 49	25 17	1 26	19 47	2 20	9 2	0 25	12 59	1 44	23 49	0 50	3 13	0 41	10 57	1 49	32 25	8 39	23 51	23 52	23 43			n.a.
M26	21 36	7 46	5 11	25 20	1 32	20 1	2 16	8 45	0 24	13 1	1 44	23 48	0 50	3 12	0 41	10 56	1 49	32 25	8 39	23 51	23 52	23 43			n.a.
T 27	21 25	2 12	5 14	25 22	1 37	20 15	2 12	8 29	0 23	13 3	1 44	23 47	0 50	3 11	0 40	10 55	1 49	32 25	8 39	23 51	23 52	23 43			n.a.
W28	21 14	3s18	5 0	25 22	1 41	20 28	2 8	8 12	0 23	13 5	1 45	23 46	0 50	3 10	0 40	10 54	1 49	32 25	8 40	23 51	23 52	23 42			n.a.
T 29	21 2	8 29	4 30	25 20	1 45	20 41	2 4	7 55	0 22	13 8	1 45	23 46	0 50	3 9	0 40	10 54	1 49	32 25	8 40	23 51	23 52	23 42			n.a.
F 30	20 50	13 10	3 48	25 17	1 49	20 53	2 0	7 38	0 21	13 10	1 45	23 45	0 50	3 8	0 40	10 53	1 49	32 25	8 40	23 51	23 52	23 41			n.a.
S 31	20s38	17s11	2n56	25s13	1s53	21s 5	1n56	7s21	0s20	13n12	1n45	23s44	0s51	3s 7	0s40	10s52	1s49	32s25	8s40	23n51	23n52	23s41			n.a.

Julian Day Number = 1201307.5, Delta T = 09h22m14s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'27, Lahiri = -23°36'26 Julian Calendar 1 Jan. 1424 BCE == Greg. Calendar 19 Dec. 1425 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

FEBRUARY 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 53 48	0♒26'34	10♐ 0	13♑16	16♐ 7	13♓ 3	0°R12	16♑ 1	23♓50	6♓46	5♑15	1♋47	0♋29	24♑23	n.a.	S 1
M 2	7 57 45	1°26'15	21°56	14°54	17°15	13°45	0♍ 6	16° 8	23°52	6°48	5°16	1°48	0°26	24°30	n.a.	M 2
T 3	8 1 41	2°25'54	3♑47	16°35	18°23	14°27	0° 0	16°15	23°54	6°50	5°18	1°R49	0°23	24°36	n.a.	T 3
W 4	8 5 38	3°25'32	15°34	18°16	19°31	15° 8	29♌54	16°22	23°57	6°52	5°19	1°48	0°19	24°43	n.a.	W 4
T 5	8 9 35	4°25'07	27°21	19°59	20°39	15°50	29°48	16°30	23°59	6°54	5°21	1°45	0°16	24°50	n.a.	T 5
F 6	8 13 31	5°24'40	9♒11	21°42	21°47	16°31	29°41	16°37	24° 2	6°56	5°23	1°41	0°13	24°56	n.a.	F 6
S 7	8 17 28	6°24'11	21° 4	23°27	22°55	17°13	29°35	16°44	24° 4	6°58	5°24	1°35	0°10	25° 3	n.a.	S 7
S 8	8 21 24	7°23'39	3♓ 3	25°14	24° 4	17°54	29°28	16°51	24° 7	7° 0	5°26	1°29	0° 7	25°10	n.a.	S 8
M 9	8 25 21	8°23'05	15°10	27° 1	25°12	18°36	29°22	16°58	24°10	7° 2	5°27	1°22	0° 4	25°16	n.a.	M 9
T 10	8 29 17	9°22'29	27°27	28°50	26°21	19°17	29°15	17° 5	24°12	7° 4	5°29	1°15	0° 0	25°23	n.a.	T 10
W11	8 33 14	10°21'50	9♈55	0♒40	27°30	19°59	29° 8	17°12	24°15	7° 6	5°30	1°10	29♊57	25°29	n.a.	W11
T 12	8 37 10	11°21'09	22°37	2°32	28°39	20°40	29° 1	17°19	24°18	7° 8	5°32	1° 7	29°54	25°36	n.a.	T 12
F 13	8 41 7	12°20'26	5♉37	4°24	29°48	21°21	28°54	17°26	24°20	7°10	5°33	1° 5	29°51	25°43	n.a.	F 13
S 14	8 45 3	13°19'40	18°57	6°18	0♑57	22° 3	28°47	17°33	24°23	7°12	5°35	1°D 5	29°48	25°49	n.a.	S 14
S 15	8 49 0	14°18'51	2♊39	8°13	2° 6	22°44	28°40	17°40	24°26	7°15	5°36	1° 6	29°45	25°56	n.a.	S 15
M16	8 52 57	15°18'01	16°45	10°10	3°15	23°25	28°32	17°47	24°29	7°17	5°38	1° 7	29°41	26° 3	n.a.	M16
T 17	8 56 53	16°17'07	1♋15	12° 8	4°24	24° 6	28°25	17°54	24°32	7°19	5°39	1°R 8	29°38	26° 9	n.a.	T 17
W18	9 0 50	17°16'12	16° 5	14° 7	5°33	24°47	28°18	18° 1	24°34	7°21	5°41	1° 7	29°35	26°16	n.a.	W18
T 19	9 4 46	18°15'13	1♌10	16° 7	6°43	25°28	28°10	18° 7	24°37	7°23	5°42	1° 4	29°32	26°23	n.a.	T 19
F 20	9 8 43	19°14'13	16°21	18° 8	7°52	26° 9	28° 3	18°14	24°40	7°25	5°43	0°59	29°29	26°29	n.a.	F 20
S 21	9 12 39	20°13'10	1♍29	20°10	9° 2	26°50	27°55	18°21	24°43	7°27	5°45	0°52	29°25	26°36	n.a.	S 21
S 22	9 16 36	21°12'05	16°23	22°13	10°11	27°31	27°48	18°27	24°46	7°30	5°46	0°44	29°22	26°43	n.a.	S 22
M23	9 20 32	22°10'58	0♎55	24°17	11°21	28°12	27°40	18°34	24°49	7°32	5°47	0°36	29°19	26°49	n.a.	M23
T 24	9 24 29	23° 9'49	15° 0	26°21	12°31	28°53	27°32	18°41	24°52	7°34	5°49	0°30	29°16	26°56	n.a.	T 24
W25	9 28 26	24° 8'39	28°35	28°25	13°41	29°34	27°25	18°47	24°55	7°36	5°50	0°25	29°13	27° 3	n.a.	W25
T 26	9 32 22	25° 7'26	11♏42	0♓30	14°51	0♈15	27°17	18°54	24°58	7°38	5°51	0°22	29°10	27° 9	n.a.	T 26
F 27	9 36 19	26° 6'12	24°24	2°35	16° 0	0°56	27° 9	19° 0	25° 1	7°41	5°52	0°D21	29° 6	27°16	n.a.	F 27
S 28	9 40 15	27♒ 4'55	6♐44	4♓39	17♑11	1♈37	27♌ 2	19♑ 6	25♓ 5	7♓43	5♑54	0♋21	29♊ 3	27♑23	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s25	20s25	1n57	25s 6	1s56	21s17	1n51	7s 4	0s20	13n14	1n45	23s43	0s51	3s 7	0s40	10s52	1s49	32s25	8s40	23n51	23n52	23s41			n.a.
M 2	20 11	22 43	0 54	24 58	1 58	21 27	1 47	6 47	0 19	13 17	1 46	23 42	0 51	3 6	0 40	10 51	1 49	32 25	8 40	23 51	23 52	23 40			n.a.
T 3	19 58	23 59	0s11	24 48	2 1	21 38	1 43	6 30	0 18	13 19	1 46	23 42	0 51	3 5	0 40	10 50	1 49	32 25	8 40	23 51	23 52	23 40			n.a.
W 4	19 44	24 10	1 15	24 37	2 2	21 48	1 39	6 13	0 17	13 21	1 46	23 41	0 51	3 4	0 40	10 49	1 49	32 25	8 41	23 51	23 52	23 39			n.a.
T 5	19 30	23 16	2 15	24 23	2 4	21 57	1 35	5 56	0 16	13 24	1 46	23 40	0 51	3 2	0 40	10 49	1 49	32 25	8 41	23 51	23 52	23 39			n.a.
F 6	19 15	21 20	3 10	24 8	2 5	22 6	1 31	5 39	0 16	13 26	1 46	23 39	0 51	3 1	0 40	10 48	1 49	32 26	8 41	23 51	23 52	23 38			n.a.
S 7	19 0	18 27	3 57	23 50	2 5	22 14	1 27	5 22	0 15	13 29	1 47	23 38	0 51	3 0	0 40	10 47	1 49	32 26	8 41	23 51	23 52	23 38			n.a.
S 8	18 45	14 48	4 34	23 31	2 5	22 21	1 22	5 5	0 14	13 31	1 47	23 38	0 51	2 59	0 40	10 46	1 49	32 26	8 41	23 51	23 52	23 37			n.a.
M 9	18 29	10 31	4 58	23 10	2 5	22 28	1 18	4 48	0 13	13 34	1 47	23 37	0 51	2 58	0 40	10 45	1 49	32 26	8 42	23 51	23 52	23 37			n.a.
T 10	18 13	5 45	5 10	22 47	2 4	22 34	1 14	4 30	0 13	13 36	1 47	23 36	0 52	2 57	0 40	10 45	1 49	32 26	8 42	23 51	23 52	23 37			n.a.
W11	17 57	0 42	5 7	22 21	2 3	22 40	1 10	4 13	0 12	13 39	1 47	23 35	0 52	2 56	0 40	10 44	1 49	32 26	8 42	23 51	23 52	23 36			n.a.
T 12	17 41	4n29	4 49	21 54	2 1	22 45	1 6	3 56	0 11	13 42	1 47	23 34	0 52	2 55	0 40	10 43	1 48	32 26	8 42	23 51	23 52	23 36			n.a.
F 13	17 24	9 36	4 16	21 24	1 58	22 50	1 2	3 39	0 11	13 44	1 48	23 34	0 52	2 54	0 40	10 42	1 48	32 26	8 42	23 51	23 52	23 35			n.a.
S 14	17 7	14 25	3 29	20 53	1 55	22 54	0 58	3 22	0 10	13 47	1 48	23 33	0 52	2 53	0 40	10 41	1 48	32 26	8 42	23 51	23 52	23 35			n.a.
S 15	16 50	18 38	2 28	20 19	1 52	22 57	0 54	3 4	0 9	13 50	1 48	23 32	0 52	2 52	0 40	10 41	1 48	32 27	8 43	23 51	23 52	23 34			n.a.
M16	16 32	21 55	1 17	19 44	1 47	23 0	0 50	2 47	0 8	13 52	1 48	23 31	0 52	2 50	0 40	10 40	1 48	32 27	8 43	23 51	23 52	23 34			n.a.
T 17	16 14	23 52	0n 1	19 6	1 43	23 2	0 46	2 30	0 8	13 55	1 48	23 30	0 52	2 49	0 40	10 39	1 48	32 27	8 43	23 51	23 52	23 33			n.a.
W18	15 56	24 12	1 20	18 26	1 38	23 3	0 42	2 13	0 7	13 58	1 48	23 30	0 52	2 48	0 40	10 38	1 48	32 27	8 43	23 51	23 52	23 33			n.a.
T 19	15 38	22 46	2 35	17 45	1 32	23 4	0 38	1 55	0 6	14 1	1 48	23 29	0 53	2 47	0 40	10 37	1 48	32 27	8 43	23 51	23 52	23 32			n.a.
F 20	15 19	19 42	3 39	17 1	1 25	23 4	0 34	1 38	0 6	14 3	1 48	23 28	0 53	2 46	0 40	10 36	1 48	32 27	8 44	23 52	23 52	23 31			n.a.
S 21	15 0	15 18	4 28	16 15	1 18	23 3	0 30	1 21	0 5	14 6	1 49	23 27	0 53	2 44	0 40	10 36	1 48	32 27	8 44	23 52	23 52	23 31			n.a.
S 22	14 41	10 1	4 58	15 28	1 11	23 2	0 26	1 4	0 4	14 9	1 49	23 26	0 53	2 43	0 40	10 35	1 48	32 28	8 44	23 52	23 52	23 30			n.a.
M23	14 22	4 19	5 7	14 39	1 3	23 0	0 22	0 47	0 3	14 12	1 49	23 26	0 53	2 42	0 40	10 34	1 48	32 28	8 44	23 52	23 52	23 30			n.a.
T 24	14 2	1s27	4 57	13 48	0 54	22 58	0 18	0 30	0 3	14 14	1 49	23 25	0 53	2 41	0 40	10 33	1 48	32 28	8 45	23 52	23 52	23 29			n.a.
W25	13 42	6 57	4 31	12 56	0 45	22 55	0 14	0 12	0 2	14 17	1 49	23 24	0 53	2 39	0 40	10 32	1 48	32 28	8 45	23 52	23 52	23 29			n.a.
T 26	13 22	11 57	3 51	12 2	0 35	22 51	0 10	0n 5	0 1	14 20	1 49	23 23	0 53	2 38	0 40	10 31	1 48	32 28	8 45	23 52	23 52	23 28			n.a.
F 27	13 2	16 17	3 1	11 8	0 25	22 46	0 7	0 22	0 1	14 23	1 49	23 22	0 54	2 37	0 40	10 30	1 48	32 28	8 45	23 52	23 52	23 28			n.a.
S 28	12s42	19s47	2n 4	10s12	0s15	22s41	0n 3	0n39	0s 0	14n25	1n49	23s22	0s54	2s36	0s40	10s30	1s48	32s29	8s46	23n52	23n52	23s27			n.a.

Julian Day Number = 1201338.5, Delta T = 09h22m13s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'22, Lahiri = -23°36'22 Julian Calendar 1 Feb. 1424 BCE == Greg. Calendar 19 Jan. 1424 BCE

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

MARCH 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 44 12	28♒ 3'37	18♐48	6♓43	18♑21	2♈17	26°R54	19♑13	25♓ 8	7♓45	5♑55	0♋22	29♊ 0	27♑29	n.a.	S 1
M 2	9 48 8	29° 2'17	0♑42	8°45	19°31	2°58	26♎46	19°19	25°11	7°47	5°56	0°R23	28°57	27°36	n.a.	M 2
T 3	9 52 5	0♓ 0'55	12°30	10°46	20°41	3°39	26°38	19°25	25°14	7°50	5°57	0°22	28°54	27°43	n.a.	T 3
W 4	9 56 1	0°59'31	24°16	12°46	21°51	4°19	26°31	19°32	25°17	7°52	5°58	0°19	28°50	27°49	n.a.	W 4
T 5	9 59 58	1°58'06	6♒ 5	14°43	23° 2	5° 0	26°23	19°38	25°21	7°54	5°59	0°13	28°47	27°56	n.a.	T 5
F 6	10 3 54	2°56'38	17°59	16°38	24°12	5°40	26°15	19°44	25°24	7°56	6° 1	0° 5	28°44	28° 3	n.a.	F 6
S 7	10 7 51	3°55'08	29°59	18°31	25°22	6°21	26° 8	19°50	25°27	7°59	6° 2	29♊55	28°41	28° 9	n.a.	S 7
S 8	10 11 48	4°53'36	12♓10	20°20	26°33	7° 1	26° 0	19°56	25°30	8° 1	6° 3	29°43	28°38	28°16	n.a.	S 8
M 9	10 15 44	5°52'03	24°29	22° 6	27°43	7°42	25°53	20° 2	25°34	8° 3	6° 4	29°31	28°35	28°23	n.a.	M 9
T 10	10 19 41	6°50'27	6♈59	23°49	28°54	8°22	25°45	20° 8	25°37	8° 5	6° 5	29°20	28°31	28°29	n.a.	T 10
W11	10 23 37	7°48'48	19°41	25°27	0♒ 4	9° 3	25°38	20°13	25°40	8° 8	6° 6	29°10	28°28	28°36	n.a.	W11
T 12	10 27 34	8°47'08	2♉34	27° 2	1°15	9°43	25°30	20°19	25°44	8°10	6° 7	29° 2	28°25	28°43	n.a.	T 12
F 13	10 31 30	9°45'26	15°40	28°32	2°26	10°23	25°23	20°25	25°47	8°12	6° 8	28°58	28°22	28°49	n.a.	F 13
S 14	10 35 27	10°43'41	29° 1	29°58	3°36	11° 4	25°16	20°31	25°50	8°14	6° 9	28°55	28°19	28°56	n.a.	S 14
S 15	10 39 23	11°41'54	12♊39	1♈20	4°47	11°44	25° 9	20°36	25°54	8°17	6°10	28°D55	28°16	29° 3	n.a.	S 15
M16	10 43 20	12°40'06	26°34	2°37	5°58	12°24	25° 2	20°42	25°57	8°19	6°10	28°R55	28°12	29° 9	n.a.	M16
T 17	10 47 16	13°38'14	10♋48	3°49	7° 9	13° 4	24°55	20°47	26° 0	8°21	6°11	28°55	28° 9	29°16	n.a.	T 17
W18	10 51 13	14°36'21	25°19	4°56	8°20	13°45	24°48	20°53	26° 4	8°23	6°12	28°53	28° 6	29°23	n.a.	W18
T 19	10 55 10	15°34'26	10♌ 4	5°59	9°31	14°25	24°41	20°58	26° 7	8°26	6°13	28°48	28° 3	29°29	n.a.	T 19
F 20	10 59 6	16°32'28	24°57	6°56	10°42	15° 5	24°34	21° 3	26°11	8°28	6°14	28°41	28° 0	29°36	n.a.	F 20
S 21	11 3 3	17°30'29	9♍50	7°48	11°52	15°45	24°28	21° 8	26°14	8°30	6°15	28°31	27°56	29°43	n.a.	S 21
S 22	11 6 59	18°28'27	24°34	8°36	13° 4	16°25	24°21	21°13	26°17	8°32	6°15	28°20	27°53	29°49	n.a.	S 22
M23	11 10 56	19°26'24	9♎ 1	9°17	14°15	17° 5	24°15	21°19	26°21	8°35	6°16	28° 9	27°50	29°56	n.a.	M23
T 24	11 14 52	20°24'19	23° 5	9°54	15°26	17°45	24° 8	21°24	26°24	8°37	6°17	27°59	27°47	0♒ 3	n.a.	T 24
W25	11 18 49	21°22'13	6♏43	10°26	16°37	18°25	24° 2	21°28	26°28	8°39	6°17	27°51	27°44	0° 9	n.a.	W25
T 26	11 22 45	22°20'05	19°53	10°52	17°48	19° 5	23°56	21°33	26°31	8°41	6°18	27°45	27°41	0°16	n.a.	T 26
F 27	11 26 42	23°17'56	2♐38	11°13	18°59	19°45	23°50	21°38	26°35	8°44	6°19	27°42	27°37	0°23	n.a.	F 27
S 28	11 30 38	24°15'45	15° 1	11°28	20°10	20°24	23°44	21°43	26°38	8°46	6°19	27°41	27°34	0°29	n.a.	S 28
S 29	11 34 35	25°13'34	27° 7	11°39	21°22	21° 4	23°39	21°47	26°42	8°48	6°20	27°41	27°31	0°36	n.a.	S 29
M30	11 38 32	26°11'20	9♑ 2	11°44	22°33	21°44	23°33	21°52	26°45	8°50	6°20	27°40	27°28	0°43	n.a.	M30
T 31	11 42 28	27♓ 9'06	20♑51	11°R44	23♒44	22♈24	23♎28	21♑56	26♓48	8♓52	6♑21	27♊39	27♊25	0♒49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	12s21	22s21	1n 2	9s16	0s 4	22s36	0s 1	0n56	0n 1	14n28	1n49	23s21	0s54	2s34	0s40	10s29	1s48	32s29	8s46	23n52	23n52	23s26			n.a.
M 2	12 1	23 53	0s 2	8 19	0n 7	22 29	0 4	1 13	0 1	14 31	1 49	23 20	0 54	2 33	0 40	10 28	1 48	32 29	8 46	23 52	23 51	23 26			n.a.
T 3	11 40	24 20	1 5	7 22	0 19	22 22	0 8	1 30	0 2	14 33	1 49	23 19	0 54	2 32	0 40	10 27	1 48	32 29	8 46	23 52	23 51	23 25			n.a.
W 4	11 19	23 41	2 4	6 25	0 30	22 14	0 11	1 47	0 3	14 36	1 49	23 18	0 54	2 30	0 40	10 26	1 48	32 29	8 46	23 52	23 51	23 25			n.a.
T 5	10 58	21 58	2 59	5 29	0 42	22 6	0 15	2 4	0 3	14 39	1 49	23 18	0 54	2 29	0 40	10 25	1 48	32 30	8 47	23 52	23 51	23 24			n.a.
F 6	10 36	19 17	3 46	4 33	0 54	21 57	0 18	2 21	0 4	14 41	1 49	23 17	0 54	2 28	0 39	10 24	1 48	32 30	8 47	23 52	23 51	23 23			n.a.
S 7	10 15	15 45	4 23	3 37	1 5	21 48	0 22	2 38	0 5	14 44	1 49	23 16	0 55	2 26	0 39	10 24	1 48	32 30	8 47	23 52	23 51	23 23			n.a.
S 8	9 53	11 33	4 49	2 43	1 17	21 37	0 25	2 55	0 5	14 47	1 49	23 15	0 55	2 25	0 39	10 23	1 48	32 30	8 47	23 52	23 51	23 22			n.a.
M 9	9 31	6 49	5 1	1 51	1 28	21 27	0 28	3 12	0 6	14 49	1 49	23 15	0 55	2 24	0 39	10 22	1 48	32 30	8 48	23 52	23 51	23 21			n.a.
T 10	9 9	1 45	5 0	1 0	1 38	21 15	0 31	3 29	0 7	14 52	1 49	23 14	0 55	2 22	0 39	10 21	1 48	32 31	8 48	23 52	23 51	23 21			n.a.
W11	8 47	3n28	4 44	0 11	1 49	21 3	0 34	3 45	0 7	14 54	1 49	23 13	0 55	2 21	0 39	10 20	1 48	32 31	8 48	23 52	23 51	23 20			n.a.
T 12	8 25	8 37	4 13	0n37	1 59	20 50	0 37	4 2	0 8	14 57	1 49	23 12	0 55	2 20	0 39	10 19	1 48	32 31	8 49	23 52	23 51	23 19			n.a.
F 13	8 3	13 30	3 28	1 22	2 8	20 37	0 40	4 19	0 8	14 59	1 49	23 12	0 55	2 18	0 39	10 18	1 48	32 31	8 49	23 52	23 51	23 19			n.a.
S 14	7 40	17 50	2 32	2 5	2 17	20 23	0 43	4 35	0 9	15 2	1 49	23 11	0 56	2 17	0 39	10 18	1 48	32 31	8 49	23 51	23 51	23 18			n.a.
S 15	7 18	21 18	1 25	2 45	2 25	20 9	0 46	4 52	0 10	15 4	1 49	23 10	0 56	2 16	0 39	10 17	1 48	32 32	8 49	23 51	23 51	23 17			n.a.
M16	6 55	23 37	0 12	3 23	2 33	19 54	0 49	5 9	0 10	15 6	1 48	23 9	0 56	2 14	0 39	10 16	1 48	32 32	8 50	23 51	23 51	23 17			n.a.
T 17	6 33	24 27	1n 3	3 59	2 40	19 39	0 52	5 25	0 11	15 9	1 48	23 9	0 56	2 13	0 39	10 15	1 48	32 32	8 50	23 51	23 51	23 16			n.a.
W18	6 10	23 40	2 15	4 31	2 46	19 23	0 54	5 41	0 11	15 11	1 48	23 8	0 56	2 11	0 39	10 14	1 48	32 32	8 50	23 51	23 51	23 15			n.a.
T 19	5 47	21 14	3 20	5 1	2 51	19 6	0 57	5 58	0 12	15 13	1 48	23 7	0 56	2 10	0 39	10 13	1 48	32 33	8 50	23 51	23 51	23 15			n.a.
F 20	5 24	17 22	4 11	5 28	2 55	18 49	0 59	6 14	0 13	15 15	1 48	23 7	0 56	2 9	0 39	10 13	1 48	32 33	8 51	23 51	23 51	23 14			n.a.
S 21	5 1	12 24	4 45	5 52	2 58	18 31	1 2	6 30	0 13	15 18	1 48	23 6	0 57	2 7	0 39	10 12	1 48	32 33	8 51	23 51	23 51	23 13			n.a.
S 22	4 38	6 46	5 0	6 13	3 1	18 13	1 4	6 47	0 14	15 20	1 48	23 5	0 57	2 6	0 39	10 11	1 48	32 33	8 51	23 51	23 51	23 13			n.a.
M23	4 15	0 53	4 56	6 31	3 2	17 54	1 7	7 3	0 15	15 22	1 48	23 5	0 57	2 5	0 39	10 10	1 48	32 34	8 52	23 51	23 51	23 12			n.a.
T 24	3 52	4s55	4 33	6 46	3 2	17 35	1 9	7 19	0 15	15 24	1 48	23 4	0 57	2 3	0 39	10 9	1 48	32 34	8 52	23 51	23 51	23 11			n.a.
W25	3 29	10 18	3 55	6 58	3 1	17 16	1 11	7 35	0 16	15 26	1 47	23 3	0 57	2 2	0 39	10 8	1 48	32 34	8 52	23 51	23 51	23 10			n.a.
T 26	3 6	15 2	3 6	7 7	2 59	16 56	1 13	7 51	0 16	15 28	1 47	23 3	0 57	2 0	0 39	10 7	1 48	32 34	8 52	23 51	23 51	23 10			n.a.
F 27	2 42	18 57	2 9	7 12	2 56	16 35	1 15	8 7	0 17	15 29	1 47	23 2	0 58	1 59	0 39	10 7	1 48	32 35	8 53	23 51	23 50	23 9			n.a.
S 28	2 19	21 54	1 7	7 14	2 52	16 14	1 17	8 23	0 17	15 31	1 47	23 2	0 58	1 58	0 39	10 6	1 48	32 35	8 53	23 51	23 50	23 8			n.a.
S 29	1 56	23 47	0 3	7 13	2 46	15 53	1 19	8 38	0 18	15 33	1 47	23 1	0 58	1 56	0 39	10 5	1 48	32 35	8 53	23 51	23 50	23 7			n.a.
M30	1 32	24 33	1s 0	7 9	2 39	15 31	1 21	8 54	0 19	15 35	1 47	23 0	0 58	1 55	0 39	10 4	1 49	32 35	8 54	23 51	23 50	23 7			n.a.
T 31	1s 9	24s11	1s59	7n 2	2n31	15s 8	1s23	9n10	0n19	15n36	1n46	23s 0	0s58	1s53	0s39	10s 3	1s49	32s36	8s54	23n50	23n50	23s 6			n.a.

Julian Day Number = 1201366.5, Delta T = 09h22m11s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'19, Lahiri = -23°36'18 Julian Calendar 1 March 1424 BCE == Greg. Calendar 16 Feb. 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

APRIL 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 46 25	28♓ 6'50	2♒39	11°R39	24♒56	23♈ 4	23°R22	22♉ 1	26♓52	8♓54	6♉21	27°R36	27♊22	0♒56	n.a.	W 1
T 2	11 50 21	29° 4'32	14°31	11♈30	26° 7	23°43	23♌17	22° 5	26°55	8°57	6°22	27♊30	27°18	1° 3	n.a.	T 2
F 3	11 54 18	0♈ 2'14	26°30	11°16	27°19	24°23	23°12	22° 9	26°59	8°59	6°22	27°21	27°15	1° 9	n.a.	F 3
S 4	11 58 14	0°59'54	8♓40	10°58	28°30	25° 3	23° 7	22°14	27° 2	9° 1	6°23	27°10	27°12	1°16	n.a.	S 4
S 5	12 2 11	1°57'32	21° 2	10°36	29°42	25°42	23° 3	22°18	27° 6	9° 3	6°23	26°57	27° 9	1°23	n.a.	S 5
M 6	12 6 7	2°55'09	3♈37	10°10	0♓53	26°22	22°58	22°22	27° 9	9° 5	6°23	26°44	27° 6	1°29	n.a.	M 6
T 7	12 10 4	3°52'45	16°25	9°42	2° 5	27° 1	22°54	22°26	27°13	9° 7	6°24	26°31	27° 2	1°36	n.a.	T 7
W 8	12 14 1	4°50'19	29°25	9°11	3°16	27°41	22°49	22°29	27°16	9° 9	6°24	26°20	26°59	1°43	n.a.	W 8
T 9	12 17 57	5°47'52	12♉37	8°39	4°28	28°20	22°45	22°33	27°19	9°11	6°24	26°12	26°56	1°49	n.a.	T 9
F 10	12 21 54	6°45'24	26° 0	8° 5	5°40	29° 0	22°42	22°37	27°23	9°13	6°25	26° 7	26°53	1°56	n.a.	F 10
S 11	12 25 50	7°42'54	9♊33	7°30	6°51	29°39	22°38	22°40	27°26	9°15	6°25	26° 4	26°50	2° 3	n.a.	S 11
S 12	12 29 47	8°40'22	23°17	6°56	8° 3	0♉19	22°34	22°44	27°30	9°17	6°25	26°D 3	26°47	2° 9	n.a.	S 12
M13	12 33 43	9°37'49	7♋13	6°22	9°15	0°58	22°31	22°47	27°33	9°20	6°25	26°R 3	26°43	2°16	n.a.	M13
T 14	12 37 40	10°35'15	21°19	5°48	10°26	1°38	22°28	22°51	27°36	9°22	6°25	26° 3	26°40	2°23	n.a.	T 14
W15	12 41 36	11°32'39	5♌35	5°17	11°38	2°17	22°25	22°54	27°40	9°23	6°26	26° 1	26°37	2°29	n.a.	W15
T 16	12 45 33	12°30'01	19°59	4°48	12°50	2°56	22°22	22°57	27°43	9°25	6°26	25°57	26°34	2°36	n.a.	T 16
F 17	12 49 30	13°27'22	4♍28	4°21	14° 2	3°36	22°19	23° 0	27°47	9°27	6°26	25°50	26°31	2°43	n.a.	F 17
S 18	12 53 26	14°24'42	18°56	3°57	15°14	4°15	22°16	23° 3	27°50	9°29	6°26	25°41	26°27	2°49	n.a.	S 18
S 19	12 57 23	15°22'00	3♎18	3°37	16°25	4°54	22°14	23° 6	27°53	9°31	6°26	25°31	26°24	2°56	n.a.	S 19
M20	13 1 19	16°19'18	17°26	3°20	17°37	5°33	22°12	23° 9	27°57	9°33	6°R26	25°20	26°21	3° 3	n.a.	M20
T 21	13 5 16	17°16'34	1♏17	3° 8	18°49	6°13	22°10	23°11	28° 0	9°35	6°26	25°11	26°18	3° 9	n.a.	T 21
W22	13 9 12	18°13'50	14°45	2°59	20° 1	6°52	22° 8	23°14	28° 3	9°37	6°26	25° 3	26°15	3°16	n.a.	W22
T 23	13 13 9	19°11'04	27°51	2°D55	21°13	7°31	22° 6	23°17	28° 6	9°39	6°26	24°58	26°12	3°23	n.a.	T 23
F 24	13 17 5	20° 8'19	10♐34	2°55	22°25	8°10	22° 5	23°19	28°10	9°41	6°26	24°55	26° 8	3°29	n.a.	F 24
S 25	13 21 2	21° 5'32	22°57	3° 0	23°37	8°49	22° 4	23°21	28°13	9°42	6°26	24°D54	26° 5	3°36	n.a.	S 25
S 26	13 24 59	22° 2'45	5♑ 5	3° 9	24°49	9°28	22° 3	23°24	28°16	9°44	6°25	24°54	26° 2	3°43	n.a.	S 26
M27	13 28 55	22°59'57	17° 1	3°23	26° 1	10° 7	22° 2	23°26	28°19	9°46	6°25	24°55	25°59	3°50	n.a.	M27
T 28	13 32 52	23°57'09	28°52	3°41	27°14	10°46	22° 1	23°28	28°23	9°48	6°25	24°R55	25°56	3°56	n.a.	T 28
W29	13 36 48	24°54'20	10♒43	4° 4	28°26	11°25	22° 0	23°30	28°26	9°49	6°25	24°53	25°53	4° 3	n.a.	W29
T 30	13 40 45	25♈51'31	22♒37	4♈31	29♓38	12♉ 4	22♌ 0	23♉32	28♓29	9♓51	6♉25	24♊50	25♊49	4♒10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s46	22s44	2s54	6n52	2n22	14s46	1s24	9n25	0n20	15n38	1n46	22s59	0s58	1s52	0s39	10s 3	1s49	32s36	8s54	23n50	23n50	23s 5		n.a.
T 2	0 22	20 17	3 41	6 38	2 12	14 22	1 26	9 41	0 20	15 40	1 46	22 59	0 59	1 51	0 39	10 2	1 49	32 36	8 54	23 50	23 50	23 4		n.a.
F 3	0n 1	16 56	4 18	6 22	2 1	13 59	1 27	9 56	0 21	15 41	1 46	22 58	0 59	1 49	0 39	10 1	1 49	32 36	8 55	23 50	23 50	23 3		n.a.
S 4	0 24	12 51	4 45	6 4	1 48	13 35	1 29	10 11	0 21	15 43	1 46	22 58	0 59	1 48	0 39	10 0	1 49	32 37	8 55	23 50	23 50	23 3		n.a.
S 5	0 48	8 10	4 59	5 43	1 35	13 11	1 30	10 27	0 22	15 44	1 45	22 57	0 59	1 46	0 39	9 59	1 49	32 37	8 55	23 50	23 50	23 2		n.a.
M 6	1 11	3 5	4 58	5 20	1 20	12 46	1 31	10 42	0 22	15 45	1 45	22 57	0 59	1 45	0 39	9 59	1 49	32 37	8 56	23 49	23 50	23 1		n.a.
T 7	1 34	2n14	4 43	4 54	1 5	12 21	1 32	10 57	0 23	15 46	1 45	22 56	0 59	1 44	0 39	9 58	1 49	32 37	8 56	23 49	23 50	23 0		n.a.
W 8	1 57	7 32	4 12	4 28	0 50	11 56	1 34	11 12	0 24	15 48	1 45	22 56	1 0	1 42	0 39	9 57	1 49	32 38	8 56	23 49	23 50	22 59		n.a.
T 9	2 21	12 36	3 28	4 0	0 33	11 30	1 35	11 27	0 24	15 49	1 45	22 55	1 0	1 41	0 39	9 56	1 49	32 38	8 56	23 48	23 50	22 58		n.a.
F 10	2 44	17 8	2 32	3 31	0 17	11 4	1 36	11 42	0 25	15 50	1 44	22 55	1 0	1 39	0 39	9 56	1 49	32 38	8 57	23 48	23 50	22 58		n.a.
S 11	3 7	20 51	1 26	3 1	0s 0	10 38	1 36	11 56	0 25	15 51	1 44	22 54	1 0	1 38	0 39	9 55	1 49	32 39	8 57	23 48	23 49	22 57		n.a.
S 12	3 30	23 27	0 15	2 32	0 17	10 12	1 37	12 11	0 26	15 52	1 44	22 54	1 0	1 37	0 39	9 54	1 49	32 39	8 57	23 48	23 49	22 56		n.a.
M13	3 53	24 38	0n59	2 3	0 34	9 45	1 38	12 25	0 26	15 53	1 44	22 54	1 0	1 35	0 39	9 53	1 49	32 39	8 58	23 48	23 49	22 55		n.a.
T 14	4 16	24 16	2 10	1 34	0 51	9 18	1 39	12 40	0 27	15 54	1 43	22 53	1 1	1 34	0 39	9 53	1 49	32 39	8 58	23 48	23 49	22 54		n.a.
W15	4 39	22 20	3 13	1 6	1 7	8 51	1 39	12 54	0 27	15 55	1 43	22 53	1 1	1 33	0 39	9 52	1 49	32 40	8 58	23 48	23 49	22 53		n.a.
T 16	5 1	18 56	4 5	0 40	1 23	8 23	1 40	13 8	0 28	15 55	1 43	22 52	1 1	1 31	0 39	9 51	1 49	32 40	8 59	23 48	23 49	22 52		n.a.
F 17	5 24	14 24	4 42	0 15	1 38	7 55	1 40	13 23	0 28	15 56	1 43	22 52	1 1	1 30	0 39	9 50	1 49	32 40	8 59	23 48	23 49	22 52		n.a.
S 18	5 47	9 2	5 0	0s 7	1 53	7 27	1 40	13 37	0 29	15 57	1 42	22 52	1 1	1 28	0 39	9 50	1 49	32 41	8 59	23 47	23 49	22 51		n.a.
S 19	6 9	3 14	4 59	0 28	2 6	6 59	1 41	13 51	0 29	15 57	1 42	22 51	1 2	1 27	0 39	9 49	1 49	32 41	8 59	23 47	23 49	22 50		n.a.
M20	6 32	2s40	4 40	0 46	2 19	6 31	1 41	14 4	0 30	15 58	1 42	22 51	1 2	1 26	0 39	9 48	1 49	32 41	9 0	23 47	23 49	22 49		n.a.
T 21	6 54	8 18	4 5	1 2	2 31	6 2	1 41	14 18	0 30	15 58	1 42	22 51	1 2	1 24	0 39	9 48	1 49	32 42	9 0	23 46	23 49	22 48		n.a.
W22	7 16	13 25	3 17	1 15	2 42	5 34	1 41	14 32	0 31	15 58	1 41	22 51	1 2	1 23	0 39	9 47	1 49	32 42	9 0	23 46	23 48	22 47		n.a.
T 23	7 38	17 46	2 19	1 26	2 51	5 5	1 41	14 45	0 31	15 59	1 41	22 50	1 2	1 22	0 39	9 46	1 49	32 42	9 1	23 46	23 48	22 46		n.a.
F 24	8 0	21 11	1 16	1 34	3 0	4 36	1 41	14 59	0 32	15 59	1 41	22 50	1 3	1 21	0 39	9 46	1 49	32 42	9 1	23 46	23 48	22 45		n.a.
S 25	8 22	23 30	0 10	1 39	3 7	4 7	1 40	15 12	0 32	15 59	1 41	22 50	1 3	1 19	0 39	9 45	1 49	32 43	9 1	23 46	23 48	22 44		n.a.
S 26	8 44	24 40	0s54	1 41	3 14	3 37	1 40	15 25	0 33	15 59	1 40	22 50	1 3	1 18	0 39	9 44	1 49	32 43	9 2	23 46	23 48	22 43		n.a.
M27	9 6	24 40	1 55	1 40	3 19	3 8	1 40	15 38	0 33	15 59	1 40	22 49	1 3	1 17	0 39	9 44	1 49	32 43	9 2	23 46	23 48	22 42		n.a.
T 28	9 27	23 32	2 51	1 37	3 24	2 38	1 39	15 51	0 34	15 59	1 40	22 49	1 3	1 15	0 39	9 43	1 50	32 44	9 2	23 46	23 48	22 41		n.a.
W29	9 49	21 22	3 40	1 31	3 27	2 9	1 39	16 4	0 34	15 59	1 40	22 49	1 3	1 14	0 39	9 42	1 50	32 44	9 2	23 46	23 48	22 40		n.a.
T 30	10n10	18s17	4s19	1s22	3s29	1s39	1s38	16n17	0n35	15n59	1n39	22s49	1s 4	1s13	0s39	9s42	1s50	32s44	9s 3	23n46	23n48	22s39		n.a.

Julian Day Number = 1201397.5, Delta T = 09h22m09s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'14, Lahiri = -23°36'14 Julian Calendar 1 Apr. 1424 BCE == Greg. Calendar 19 March 1424 BCE

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

MAY 1424 BCE (-1423) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 44 41	26♈48'41	4♓41	5♈ 3	0♈50	12♉43	22°R 0	23♑33	28♓32	9♓53	6°R24	24°R44	25♊46	4♒16	n.a.	F 1
S 2	13 48 38	27°45'51	16°58	5°38	2° 2	13°22	22°D 0	23°35	28°35	9°54	6♑24	24♊37	25°43	4°23	n.a.	S 2
S 3	13 52 34	28°43'01	29°30	6°18	3°15	14° 1	22♌ 0	23°37	28°38	9°56	6°24	24°27	25°40	4°30	n.a.	S 3
M 4	13 56 31	29°40'10	12♈18	7° 2	4°27	14°40	22° 0	23°38	28°41	9°58	6°23	24°18	25°37	4°36	n.a.	M 4
T 5	14 0 28	0♉37'18	25°24	7°50	5°39	15°19	22° 1	23°39	28°44	9°59	6°23	24° 9	25°33	4°43	n.a.	T 5
W 6	14 4 24	1°34'26	8♉45	8°42	6°52	15°58	22° 1	23°41	28°47	10° 1	6°23	24° 1	25°30	4°50	n.a.	W 6
T 7	14 8 21	2°31'34	22°20	9°37	8° 4	16°37	22° 2	23°42	28°51	10° 2	6°22	23°55	25°27	4°56	n.a.	T 7
F 8	14 12 17	3°28'41	6♊ 6	10°37	9°16	17°16	22° 3	23°43	28°54	10° 4	6°22	23°52	25°24	5° 3	n.a.	F 8
S 9	14 16 14	4°25'48	20° 1	11°40	10°29	17°55	22° 5	23°44	28°56	10° 5	6°21	23°D50	25°21	5°10	n.a.	S 9
S 10	14 20 10	5°22'54	4♋ 3	12°47	11°41	18°33	22° 6	23°45	28°59	10° 7	6°21	23°50	25°18	5°16	n.a.	S 10
M11	14 24 7	6°19'59	18° 9	13°57	12°54	19°12	22° 8	23°45	29° 2	10° 8	6°20	23°52	25°14	5°23	n.a.	M11
T 12	14 28 4	7°17'04	2♌18	15°11	14° 6	19°51	22° 9	23°46	29° 5	10°10	6°20	23°R52	25°11	5°30	n.a.	T 12
W13	14 32 0	8°14'08	16°29	16°28	15°19	20°30	22°11	23°47	29° 8	10°11	6°19	23°52	25° 8	5°36	n.a.	W13
T 14	14 35 57	9°11'12	0♍40	17°48	16°31	21° 9	22°14	23°47	29°11	10°13	6°19	23°50	25° 5	5°43	n.a.	T 14
F 15	14 39 53	10° 8'15	14°48	19°12	17°44	21°47	22°16	23°47	29°14	10°14	6°18	23°47	25° 2	5°50	n.a.	F 15
S 16	14 43 50	11° 5'18	28°52	20°40	18°56	22°26	22°18	23°48	29°17	10°15	6°17	23°41	24°58	5°56	n.a.	S 16
S 17	14 47 46	12° 2'20	12♎46	22°10	20° 9	23° 5	22°21	23°48	29°19	10°17	6°17	23°35	24°55	6° 3	n.a.	S 17
M18	14 51 43	12°59'22	26°29	23°44	21°21	23°43	22°24	23°R48	29°22	10°18	6°16	23°29	24°52	6°10	n.a.	M18
T 19	14 55 39	13°56'24	9♏56	25°22	22°34	24°22	22°27	23°48	29°25	10°19	6°15	23°23	24°49	6°16	n.a.	T 19
W20	14 59 36	14°53'26	23° 7	27° 2	23°47	25° 1	22°30	23°48	29°27	10°20	6°15	23°18	24°46	6°23	n.a.	W20
T 21	15 3 33	15°50'28	5♐59	28°46	24°59	25°39	22°33	23°47	29°30	10°21	6°14	23°15	24°43	6°30	n.a.	T 21
F 22	15 7 29	16°47'30	18°34	0♑32	26°12	26°18	22°37	23°47	29°33	10°23	6°13	23°D14	24°39	6°36	n.a.	F 22
S 23	15 11 26	17°44'32	0♑53	2°22	27°25	26°56	22°40	23°47	29°35	10°24	6°12	23°14	24°36	6°43	n.a.	S 23
S 24	15 15 22	18°41'35	12°59	4°14	28°38	27°35	22°44	23°46	29°38	10°25	6°11	23°15	24°33	6°50	n.a.	S 24
M25	15 19 19	19°38'38	24°56	6° 9	29°51	28°14	22°48	23°45	29°40	10°26	6°11	23°17	24°30	6°57	n.a.	M25
T 26	15 23 15	20°35'42	6♒47	8° 6	1♉ 3	28°52	22°52	23°45	29°43	10°27	6°10	23°18	24°27	7° 3	n.a.	T 26
W27	15 27 12	21°32'46	18°38	10° 6	2°16	29°31	22°56	23°44	29°45	10°28	6° 9	23°R19	24°24	7°10	n.a.	W27
T 28	15 31 9	22°29'50	0♓34	12° 8	3°29	0♊ 9	23° 1	23°43	29°47	10°29	6° 8	23°19	24°20	7°17	n.a.	T 28
F 29	15 35 5	23°26'55	12°40	14°12	4°42	0°48	23° 6	23°42	29°50	10°30	6° 7	23°17	24°17	7°23	n.a.	F 29
S 30	15 39 2	24°24'01	24°59	16°17	5°55	1°26	23°10	23°41	29°52	10°31	6° 6	23°14	24°14	7°30	n.a.	S 30
S 31	15 42 58	25♉21'07	7♈36	18♉24	7♉ 8	2♊ 5	23♌15	23♑39	29♓54	10♓32	6♑ 5	23♊11	24♊11	7♒37	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n31	14s24	4s47	1s10	3s31	1s 9	1s38	16n29	0n35	15n59	1n39	22s49	1s 4	1s12	0s39	9s41	1s50	32s45	9s 3	23n45	23n48	22s39		n.a.
S 2	10 52	9 52	5 3	0 56	3 31	0 39	1 37	16 42	0 36	15 59	1 39	22 49	1 4	1 10	0 39	9 41	1 50	32 45	9 3	23 45	23 48	22 38		n.a.
S 3	11 12	4 50	5 4	0 40	3 31	0 9	1 36	16 54	0 36	15 58	1 38	22 49	1 4	1 9	0 39	9 40	1 50	32 45	9 4	23 45	23 47	22 37		n.a.
M 4	11 33	0n30	4 50	0 21	3 29	0n21	1 35	17 6	0 37	15 58	1 38	22 49	1 4	1 8	0 39	9 39	1 50	32 45	9 4	23 44	23 47	22 36		n.a.
T 5	11 53	5 56	4 22	0n 0	3 27	0 50	1 35	17 18	0 37	15 57	1 38	22 49	1 5	1 7	0 39	9 39	1 50	32 46	9 4	23 44	23 47	22 35		n.a.
W 6	12 14	11 14	3 38	0 24	3 24	1 20	1 34	17 30	0 37	15 57	1 38	22 49	1 5	1 5	0 39	9 38	1 50	32 46	9 4	23 43	23 47	22 34		n.a.
T 7	12 34	16 5	2 41	0 49	3 20	1 50	1 33	17 42	0 38	15 56	1 37	22 49	1 5	1 4	0 39	9 38	1 50	32 46	9 5	23 43	23 47	22 33		n.a.
F 8	12 54	20 10	1 34	1 17	3 16	2 20	1 32	17 54	0 38	15 56	1 37	22 49	1 5	1 3	0 39	9 37	1 50	32 47	9 5	23 43	23 47	22 32		n.a.
S 9	13 13	23 8	0 21	1 47	3 10	2 50	1 30	18 5	0 39	15 55	1 37	22 49	1 5	1 2	0 39	9 37	1 50	32 47	9 5	23 43	23 47	22 31		n.a.
S 10	13 33	24 43	0n55	2 19	3 4	3 20	1 29	18 17	0 39	15 54	1 36	22 49	1 6	1 1	0 39	9 36	1 50	32 47	9 6	23 43	23 47	22 29		n.a.
M11	13 52	24 43	2 7	2 52	2 58	3 50	1 28	18 28	0 40	15 54	1 36	22 49	1 6	0 59	0 39	9 36	1 50	32 48	9 6	23 43	23 47	22 28		n.a.
T 12	14 11	23 7	3 12	3 28	2 51	4 20	1 27	18 39	0 40	15 53	1 36	22 49	1 6	0 58	0 39	9 35	1 50	32 48	9 6	23 43	23 46	22 27		n.a.
W13	14 30	20 4	4 6	4 5	2 43	4 50	1 25	18 50	0 41	15 52	1 36	22 49	1 6	0 57	0 39	9 35	1 50	32 48	9 6	23 43	23 46	22 26		n.a.
T 14	14 49	15 51	4 44	4 44	2 35	5 19	1 24	19 1	0 41	15 51	1 35	22 49	1 6	0 56	0 39	9 34	1 50	32 48	9 7	23 43	23 46	22 25		n.a.
F 15	15 7	10 46	5 5	5 24	2 26	5 49	1 22	19 12	0 41	15 50	1 35	22 49	1 7	0 55	0 39	9 34	1 50	32 49	9 7	23 43	23 46	22 24		n.a.
S 16	15 25	5 9	5 8	6 6	2 16	6 18	1 21	19 23	0 42	15 49	1 35	22 49	1 7	0 54	0 40	9 33	1 50	32 49	9 7	23 43	23 46	22 23		n.a.
S 17	15 43	0s40	4 52	6 50	2 7	6 47	1 19	19 33	0 42	15 48	1 35	22 49	1 7	0 53	0 40	9 33	1 51	32 49	9 7	23 42	23 46	22 22		n.a.
M18	16 1	6 22	4 20	7 34	1 56	7 17	1 18	19 43	0 43	15 46	1 34	22 50	1 7	0 52	0 40	9 32	1 51	32 50	9 8	23 42	23 46	22 21		n.a.
T 19	16 18	11 41	3 33	8 20	1 46	7 46	1 16	19 54	0 43	15 45	1 34	22 50	1 7	0 50	0 40	9 32	1 51	32 50	9 8	23 42	23 46	22 20		n.a.
W20	16 35	16 21	2 36	9 7	1 35	8 15	1 14	20 4	0 44	15 44	1 34	22 50	1 8	0 49	0 40	9 32	1 51	32 50	9 8	23 41	23 45	22 19		n.a.
T 21	16 52	20 10	1 33	9 55	1 24	8 43	1 12	20 13	0 44	15 43	1 33	22 50	1 8	0 48	0 40	9 31	1 51	32 51	9 8	23 41	23 45	22 18		n.a.
F 22	17 9	22 56	0 25	10 44	1 13	9 12	1 10	20 23	0 44	15 41	1 33	22 51	1 8	0 47	0 40	9 31	1 51	32 51	9 9	23 41	23 45	22 17		n.a.
S 23	17 25	24 33	0s42	11 33	1 1	9 40	1 9	20 33	0 45	15 40	1 33	22 51	1 8	0 46	0 40	9 30	1 51	32 51	9 9	23 41	23 45	22 16		n.a.
S 24	17 41	24 58	1 46	12 23	0 50	10 8	1 7	20 42	0 45	15 38	1 33	22 51	1 8	0 45	0 40	9 30	1 51	32 51	9 9	23 41	23 45	22 14		n.a.
M25	17 57	24 13	2 45	13 13	0 38	10 36	1 5	20 51	0 46	15 37	1 32	22 51	1 9	0 44	0 40	9 30	1 51	32 52	9 9	23 41	23 45	22 13		n.a.
T 26	18 13	22 23	3 36	14 3	0 26	11 4	1 3	21 0	0 46	15 35	1 32	22 52	1 9	0 43	0 40	9 29	1 51	32 52	9 10	23 41	23 45	22 12		n.a.
W27	18 28	19 35	4 18	14 52	0 15	11 32	1 1	21 9	0 46	15 33	1 32	22 52	1 9	0 42	0 40	9 29	1 51	32 52	9 10	23 41	23 44	22 11		n.a.
T 28	18 43	15 57	4 49	15 41	0 3	11 59	0 59	21 18	0 47	15 31	1 32	22 52	1 9	0 41	0 40	9 29	1 51	32 52	9 10	23 41	23 44	22 10		n.a.
F 29	18 58	11 39	5 8	16 30	0n 8	12 26	0 56	21 27	0 47	15 30	1 31	22 53	1 9	0 40	0 40	9 28	1 51	32 53	9 10	23 41	23 44	22 9		n.a.
S 30	19 12	6 48	5 13	17 18	0 18	12 53	0 54	21 35	0 48	15 28	1 31	22 53	1 10	0 40	0 40	9 28	1 51	32 53	9 11	23 41	23 44	22 8		n.a.
S 31	19n26	1s34	5s 3	18n 4	0n29	13n19	0s52	21n44	0n48	15n26	1n31	22s54	1s10	0s39	0s40	9s28	1s51	32s53	9s11	23n41	23n44	22s 7		n.a.

Julian Day Number = 1201427.5, Delta T = 09h22m08s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'10, Lahiri = -23°36'10 Julian Calendar 1 May 1424 BCE == Greg. Calendar 18 Apr. 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

JUNE 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 46 55	26♉18'13	20♈32	20♉31	8♉21	2♊43	23♌20	23°R38	29♓57	10♓32	6°R 4	23°R 7	24♊ 8	7♒43	n.a.	M 1
T 2	15 50 51	27°15'20	3♉50	22°39	9°34	3°22	23°25	23♏37	29°59	10°33	6♏ 3	23♊ 3	24° 4	7°50	n.a.	T 2
W 3	15 54 48	28°12'28	17°28	24°48	10°47	4° 0	23°31	23°35	0♈ 1	10°34	6° 2	22°59	24° 1	7°57	n.a.	W 3
T 4	15 58 44	29° 9'37	1♊24	26°57	12° 1	4°39	23°36	23°34	0° 3	10°35	6° 1	22°57	23°58	8° 3	n.a.	T 4
F 5	16 2 41	0♊ 6'46	15°35	29° 6	13°14	5°17	23°42	23°32	0° 5	10°36	6° 0	22°56	23°55	8°10	n.a.	F 5
S 6	16 6 38	1° 3'55	29°56	1♊14	14°27	5°55	23°48	23°30	0° 7	10°36	5°59	22°D56	23°52	8°17	n.a.	S 6
S 7	16 10 34	2° 1'05	14♋22	3°22	15°40	6°34	23°54	23°28	0° 9	10°37	5°58	22°57	23°49	8°23	n.a.	S 7
M 8	16 14 31	2°58'16	28°49	5°29	16°53	7°12	24° 0	23°26	0°11	10°38	5°57	22°58	23°45	8°30	n.a.	M 8
T 9	16 18 27	3°55'27	13♌13	7°34	18° 7	7°51	24° 6	23°24	0°13	10°38	5°56	22°59	23°42	8°37	n.a.	T 9
W10	16 22 24	4°52'38	27°29	9°39	19°20	8°29	24°13	23°22	0°15	10°39	5°55	23° 0	23°39	8°43	n.a.	W10
T 11	16 26 20	5°49'49	11♍37	11°42	20°33	9° 7	24°19	23°20	0°17	10°39	5°54	23°R 0	23°36	8°50	n.a.	T 11
F 12	16 30 17	6°47'01	25°33	13°44	21°47	9°46	24°26	23°17	0°19	10°40	5°53	22°59	23°33	8°57	n.a.	F 12
S 13	16 34 14	7°44'13	9♎17	15°45	23° 0	10°24	24°33	23°15	0°21	10°40	5°52	22°58	23°30	9° 4	n.a.	S 13
S 14	16 38 10	8°41'26	22°48	17°44	24°13	11° 3	24°40	23°12	0°22	10°41	5°51	22°56	23°26	9°10	n.a.	S 14
M15	16 42 7	9°38'40	6♏ 5	19°41	25°27	11°41	24°47	23°10	0°24	10°41	5°50	22°54	23°23	9°17	n.a.	M15
T 16	16 46 3	10°35'54	19° 8	21°37	26°40	12°19	24°54	23° 7	0°26	10°41	5°48	22°53	23°20	9°24	n.a.	T 16
W17	16 50 0	11°33'09	1♐57	23°31	27°54	12°57	25° 1	23° 4	0°27	10°42	5°47	22°51	23°17	9°30	n.a.	W17
T 18	16 53 56	12°30'26	14°32	25°24	29° 7	13°36	25° 9	23° 1	0°29	10°42	5°46	22°51	23°14	9°37	n.a.	T 18
F 19	16 57 53	13°27'43	26°55	27°15	0♊21	14°14	25°16	22°58	0°30	10°42	5°45	22°D51	23°10	9°44	n.a.	F 19
S 20	17 1 49	14°25'01	9♑ 5	29° 4	1°34	14°52	25°24	22°55	0°32	10°43	5°44	22°51	23° 7	9°50	n.a.	S 20
S 21	17 5 46	15°22'20	21° 6	0♋52	2°48	15°31	25°32	22°52	0°33	10°43	5°42	22°52	23° 4	9°57	n.a.	S 21
M22	17 9 43	16°19'41	3♒ 1	2°37	4° 2	16° 9	25°40	22°49	0°35	10°43	5°41	22°52	23° 1	10° 4	n.a.	M22
T 23	17 13 39	17°17'03	14°52	4°22	5°15	16°47	25°48	22°46	0°36	10°43	5°40	22°53	22°58	10°10	n.a.	T 23
W24	17 17 36	18°14'26	26°43	6° 4	6°29	17°26	25°56	22°43	0°37	10°43	5°39	22°54	22°55	10°17	n.a.	W24
T 25	17 21 32	19°11'51	8♓38	7°46	7°43	18° 4	26° 4	22°39	0°39	10°43	5°37	22°54	22°51	10°24	n.a.	T 25
F 26	17 25 29	20° 9'17	20°43	9°25	8°57	18°42	26°13	22°36	0°40	10°43	5°36	22°R54	22°48	10°30	n.a.	F 26
S 27	17 29 25	21° 6'44	3♈ 1	11° 3	10°10	19°20	26°21	22°32	0°41	10°R43	5°35	22°54	22°45	10°37	n.a.	S 27
S 28	17 33 22	22° 4'13	15°37	12°39	11°24	19°59	26°30	22°29	0°42	10°43	5°33	22°54	22°42	10°44	n.a.	S 28
M29	17 37 18	23° 1'44	28°34	14°14	12°38	20°37	26°39	22°25	0°43	10°43	5°32	22°D54	22°39	10°51	n.a.	M29
T 30	17 41 15	23♊59'16	11♉54	15♋47	13♊52	21♊15	26♌47	22♏21	0♈44	10♓43	5♏31	22♊54	22♊36	10♒57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n40	3n52	4s38	18n49	0n39	13n45	0s50	21n52	0n48	15n24	1n31	22s54	1s10	0s38	0s40	9s28	1s52	32s54	9s11	23n41	23n44	22s 5		n.a.
T 2	19 54	9 18	3 58	19 32	0 48	14 11	0 48	22 0	0 49	15 22	1 30	22 54	1 10	0 37	0 40	9 27	1 52	32 54	9 11	23 41	23 44	22 4		n.a.
W 3	20 7	14 25	3 3	20 14	0 57	14 36	0 45	22 8	0 49	15 20	1 30	22 55	1 10	0 36	0 40	9 27	1 52	32 54	9 11	23 40	23 43	22 3		n.a.
T 4	20 19	18 55	1 56	20 53	1 5	15 1	0 43	22 15	0 50	15 18	1 30	22 55	1 11	0 35	0 40	9 27	1 52	32 54	9 12	23 40	23 43	22 2		n.a.
F 5	20 32	22 24	0 40	21 30	1 13	15 26	0 41	22 23	0 50	15 16	1 30	22 56	1 11	0 34	0 40	9 27	1 52	32 55	9 12	23 40	23 43	22 1		n.a.
S 6	20 44	24 30	0n39	22 5	1 20	15 51	0 39	22 30	0 50	15 13	1 29	22 56	1 11	0 34	0 40	9 26	1 52	32 55	9 12	23 40	23 43	21 59		n.a.
S 7	20 56	24 59	1 55	22 37	1 26	16 15	0 36	22 37	0 51	15 11	1 29	22 57	1 11	0 33	0 40	9 26	1 52	32 55	9 12	23 40	23 43	21 58		n.a.
M 8	21 7	23 47	3 5	23 6	1 32	16 38	0 34	22 44	0 51	15 9	1 29	22 57	1 11	0 32	0 40	9 26	1 52	32 55	9 12	23 40	23 43	21 57		n.a.
T 9	21 18	21 1	4 3	23 33	1 37	17 1	0 31	22 51	0 51	15 7	1 29	22 58	1 11	0 31	0 40	9 26	1 52	32 56	9 13	23 40	23 43	21 56		n.a.
W10	21 29	17 0	4 45	23 58	1 41	17 24	0 29	22 58	0 52	15 4	1 28	22 59	1 12	0 30	0 40	9 26	1 52	32 56	9 13	23 40	23 42	21 55		n.a.
T 11	21 40	12 5	5 10	24 19	1 45	17 47	0 27	23 4	0 52	15 2	1 28	22 59	1 12	0 30	0 40	9 26	1 52	32 56	9 13	23 40	23 42	21 53		n.a.
F 12	21 50	6 36	5 15	24 38	1 48	18 8	0 24	23 10	0 52	14 59	1 28	23 0	1 12	0 29	0 40	9 25	1 52	32 56	9 13	23 40	23 42	21 52		n.a.
S 13	21 59	0 53	5 3	24 54	1 50	18 30	0 22	23 16	0 53	14 57	1 28	23 0	1 12	0 28	0 40	9 25	1 52	32 57	9 13	23 40	23 42	21 51		n.a.
S 14	22 8	4s47	4 34	25 8	1 51	18 51	0 19	23 22	0 53	14 54	1 27	23 1	1 12	0 28	0 40	9 25	1 52	32 57	9 14	23 40	23 42	21 50		n.a.
M15	22 17	10 10	3 51	25 19	1 52	19 11	0 17	23 28	0 54	14 51	1 27	23 2	1 13	0 27	0 40	9 25	1 52	32 57	9 14	23 40	23 42	21 48		n.a.
T 16	22 26	15 0	2 56	25 28	1 53	19 31	0 14	23 34	0 54	14 49	1 27	23 2	1 13	0 26	0 40	9 25	1 53	32 57	9 14	23 40	23 41	21 47		n.a.
W17	22 34	19 4	1 53	25 34	1 52	19 51	0 12	23 39	0 54	14 46	1 27	23 3	1 13	0 26	0 40	9 25	1 53	32 57	9 14	23 40	23 41	21 46		n.a.
T 18	22 42	22 11	0 46	25 38	1 51	20 10	0 10	23 44	0 55	14 43	1 26	23 4	1 13	0 25	0 40	9 25	1 53	32 58	9 14	23 40	23 41	21 45		n.a.
F 19	22 49	24 12	0s23	25 40	1 50	20 28	0 7	23 49	0 55	14 40	1 26	23 4	1 13	0 25	0 40	9 25	1 53	32 58	9 14	23 40	23 41	21 43		n.a.
S 20	22 56	25 1	1 29	25 39	1 48	20 46	0 5	23 54	0 55	14 38	1 26	23 5	1 13	0 24	0 40	9 25	1 53	32 58	9 15	23 40	23 41	21 42		n.a.
S 21	23 3	24 39	2 30	25 37	1 45	21 3	0 2	23 59	0 56	14 35	1 26	23 6	1 14	0 23	0 40	9 25	1 53	32 58	9 15	23 40	23 41	21 41		n.a.
M22	23 9	23 9	3 25	25 32	1 42	21 20	0n 0	24 3	0 56	14 32	1 26	23 6	1 14	0 23	0 40	9 25	1 53	32 59	9 15	23 40	23 40	21 40		n.a.
T 23	23 15	20 38	4 10	25 26	1 39	21 36	0 3	24 8	0 56	14 29	1 25	23 7	1 14	0 22	0 40	9 25	1 53	32 59	9 15	23 40	23 40	21 38		n.a.
W24	23 20	17 16	4 45	25 18	1 35	21 52	0 5	24 12	0 57	14 26	1 25	23 8	1 14	0 22	0 40	9 25	1 53	32 59	9 15	23 40	23 40	21 37		n.a.
T 25	23 25	13 12	5 8	25 8	1 30	22 6	0 8	24 16	0 57	14 23	1 25	23 9	1 14	0 21	0 40	9 25	1 53	32 59	9 15	23 40	23 40	21 36		n.a.
F 26	23 29	8 35	5 17	24 56	1 25	22 21	0 10	24 19	0 57	14 20	1 25	23 9	1 14	0 21	0 40	9 25	1 53	32 59	9 15	23 40	23 40	21 34		n.a.
S 27	23 33	3 33	5 12	24 43	1 20	22 34	0 12	24 23	0 58	14 16	1 24	23 10	1 15	0 20	0 41	9 25	1 53	33 0	9 16	23 40	23 40	21 33		n.a.
S 28	23 37	1n45	4 53	24 29	1 14	22 47	0 15	24 26	0 58	14 13	1 24	23 11	1 15	0 20	0 41	9 25	1 53	33 0	9 16	23 40	23 39	21 32		n.a.
M29	23 40	7 8	4 18	24 13	1 8	23 0	0 17	24 30	0 58	14 10	1 24	23 12	1 15	0 20	0 41	9 25	1 53	33 0	9 16	23 40	23 39	21 30		n.a.
T 30	23n43	12n22	3s28	23n56	1n 2	23n11	0n19	24n33	0n59	14n 7	1n24	23s12	1s15	0s19	0s41	9s25	1s53	33s 0	9s16	23n40	23n39	21s29		n.a.

Julian Day Number = 1201458.5, Delta T = 09h22m06s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'06, Lahiri = -23°36'06 Julian Calendar 1 June 1424 BCE == Greg. Calendar 19 May 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

JULY 1424 BCE (-1423) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 45 12	24♊56'49	25♉40	17♋18	15♊ 6	21♊53	26♌56	22°R17	0♈45	10°R43	5°R30	22♊54	22♊32	11♒ 4	n.a.	W 1
T 2	17 49 8	25°54'25	9♊49	18°48	16°20	22°32	27° 6	22♂14	0°46	10♓43	5♂28	22°54	22°29	11°11	n.a.	T 2
F 3	17 53 5	26°52'02	24°18	20°16	17°34	23°10	27°15	22°10	0°47	10°43	5°27	22°R54	22°26	11°17	n.a.	F 3
S 4	17 57 1	27°49'40	9♋ 2	21°43	18°48	23°48	27°24	22° 6	0°48	10°43	5°26	22°54	22°23	11°24	n.a.	S 4
S 5	18 0 58	28°47'20	23°54	23° 7	20° 2	24°26	27°33	22° 2	0°48	10°42	5°24	22°54	22°20	11°31	n.a.	S 5
M 6	18 4 54	29°45'01	8♌46	24°31	21°16	25° 5	27°43	21°58	0°49	10°42	5°23	22°53	22°16	11°37	n.a.	M 6
T 7	18 8 51	0♋42'43	23°31	25°52	22°30	25°43	27°53	21°53	0°50	10°42	5°22	22°52	22°13	11°44	n.a.	T 7
W 8	18 12 48	1°40'26	8♍ 2	27°12	23°44	26°21	28° 2	21°49	0°50	10°41	5°20	22°51	22°10	11°51	n.a.	W 8
T 9	18 16 44	2°38'11	22°16	28°29	24°59	26°59	28°12	21°45	0°51	10°41	5°19	22°51	22° 7	11°57	n.a.	T 9
F 10	18 20 41	3°35'57	6♎10	29°45	26°13	27°38	28°22	21°41	0°52	10°41	5°18	22°D51	22° 4	12° 4	n.a.	F 10
S 11	18 24 37	4°33'44	19°45	0♌59	27°27	28°16	28°32	21°37	0°52	10°40	5°16	22°51	22° 1	12°11	n.a.	S 11
S 12	18 28 34	5°31'33	3♏ 1	2°11	28°41	28°54	28°42	21°32	0°52	10°40	5°15	22°52	21°57	12°18	n.a.	S 12
M13	18 32 30	6°29'23	15°59	3°21	29°55	29°32	28°52	21°28	0°53	10°39	5°14	22°53	21°54	12°24	n.a.	M13
T 14	18 36 27	7°27'14	28°42	4°29	1♋10	0♋10	29° 3	21°23	0°53	10°39	5°12	22°54	21°51	12°31	n.a.	T 14
W15	18 40 23	8°25'07	11♐11	5°34	2°24	0°49	29°13	21°19	0°53	10°38	5°11	22°55	21°48	12°38	n.a.	W15
T 16	18 44 20	9°23'02	23°29	6°37	3°38	1°27	29°23	21°15	0°54	10°38	5°10	22°R55	21°45	12°44	n.a.	T 16
F 17	18 48 17	10°20'58	5♑38	7°38	4°53	2° 5	29°34	21°10	0°54	10°37	5° 8	22°55	21°42	12°51	n.a.	F 17
S 18	18 52 13	11°18'56	17°40	8°36	6° 7	2°43	29°44	21° 6	0°54	10°36	5° 7	22°54	21°38	12°58	n.a.	S 18
S 19	18 56 10	12°16'56	29°35	9°31	7°22	3°22	29°55	21° 1	0°54	10°36	5° 6	22°51	21°35	13° 4	n.a.	S 19
M20	19 0 6	13°14'58	11♒27	10°23	8°36	4° 0	0♍ 6	20°56	0°R54	10°35	5° 4	22°48	21°32	13°11	n.a.	M20
T 21	19 4 3	14°13'01	23°18	11°12	9°50	4°38	0°17	20°52	0°54	10°34	5° 3	22°45	21°29	13°18	n.a.	T 21
W22	19 7 59	15°11'07	5♓ 9	11°58	11° 5	5°16	0°28	20°47	0°54	10°33	5° 2	22°41	21°26	13°24	n.a.	W22
T 23	19 11 56	16° 9'15	17° 5	12°40	12°20	5°54	0°39	20°43	0°54	10°33	5° 0	22°38	21°22	13°31	n.a.	T 23
F 24	19 15 52	17° 7'25	29° 8	13°18	13°34	6°33	0°50	20°38	0°54	10°32	4°59	22°36	21°19	13°38	n.a.	F 24
S 25	19 19 49	18° 5'36	11♈24	13°53	14°49	7°11	1° 1	20°33	0°53	10°31	4°58	22°35	21°16	13°45	n.a.	S 25
S 26	19 23 45	19° 3'51	23°56	14°23	16° 3	7°49	1°12	20°29	0°53	10°30	4°57	22°D35	21°13	13°51	n.a.	S 26
M27	19 27 42	20° 2'07	6♉47	14°48	17°18	8°27	1°23	20°24	0°53	10°29	4°55	22°35	21°10	13°58	n.a.	M27
T 28	19 31 39	21° 0'26	20° 3	15° 9	18°33	9° 6	1°35	20°19	0°52	10°28	4°54	22°37	21° 7	14° 5	n.a.	T 28
W29	19 35 35	21°58'47	3♊46	15°24	19°47	9°44	1°46	20°15	0°52	10°27	4°53	22°38	21° 3	14°11	n.a.	W29
T 30	19 39 32	22°57'10	17°55	15°34	21° 2	10°22	1°58	20°10	0°51	10°26	4°52	22°R39	21° 0	14°18	n.a.	T 30
F 31	19 43 28	23♋55'35	2♋30	15°R38	22♋17	11♋ 0	2♍ 9	20♂ 6	0♈51	10♓25	4♂50	22♊39	20♊57	14♒25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n46	17n10	2s25	23n38	0n55	23n22	0n22	24n35	0n59	14n 3	1n24	23s13	1s15	0s19	0s41	9s25	1s54	33s 0	9s16	23n40	23n39	21s28			n.a.
T 2	23 48	21 8	1 12	23 19	0 48	23 33	0 24	24 38	0 59	14 0	1 23	23 14	1 15	0 19	0 41	9 25	1 54	33 0	9 16	23 40	23 39	21 26			n.a.
F 3	23 49	23 52	0n 8	22 58	0 41	23 42	0 26	24 40	0 59	13 57	1 23	23 15	1 16	0 18	0 41	9 26	1 54	33 1	9 16	23 40	23 39	21 25			n.a.
S 4	23 51	25 1	1 28	22 37	0 33	23 51	0 29	24 43	1 0	13 53	1 23	23 16	1 16	0 18	0 41	9 26	1 54	33 1	9 16	23 40	23 38	21 24			n.a.
S 5	23 51	24 23	2 44	22 15	0 25	24 0	0 31	24 45	1 0	13 50	1 23	23 16	1 16	0 18	0 41	9 26	1 54	33 1	9 16	23 40	23 38	21 22			n.a.
M 6	23 52	22 3	3 48	21 52	0 17	24 7	0 33	24 47	1 0	13 46	1 23	23 17	1 16	0 17	0 41	9 26	1 54	33 1	9 16	23 40	23 38	21 21			n.a.
T 7	23 52	18 15	4 36	21 29	0 8	24 14	0 35	24 48	1 1	13 43	1 23	23 18	1 16	0 17	0 41	9 26	1 54	33 1	9 17	23 40	23 38	21 20			n.a.
W 8	23 51	13 25	5 6	21 5	0s 0	24 20	0 37	24 50	1 1	13 39	1 22	23 19	1 16	0 17	0 41	9 26	1 54	33 1	9 17	23 40	23 38	21 18			n.a.
T 9	23 50	7 57	5 17	20 40	0 9	24 25	0 40	24 51	1 1	13 35	1 22	23 20	1 16	0 17	0 41	9 27	1 54	33 1	9 17	23 40	23 37	21 17			n.a.
F 10	23 49	2 13	5 8	20 16	0 19	24 30	0 42	24 52	1 2	13 32	1 22	23 20	1 17	0 17	0 41	9 27	1 54	33 2	9 17	23 40	23 37	21 15			n.a.
S 11	23 47	3s30	4 43	19 50	0 28	24 34	0 44	24 53	1 2	13 28	1 22	23 21	1 17	0 16	0 41	9 27	1 54	33 2	9 17	23 40	23 37	21 14			n.a.
S 12	23 45	8 56	4 2	19 25	0 37	24 37	0 46	24 54	1 2	13 24	1 22	23 22	1 17	0 16	0 41	9 27	1 54	33 2	9 17	23 40	23 37	21 13			n.a.
M13	23 42	13 53	3 10	18 59	0 47	24 39	0 48	24 54	1 2	13 20	1 21	23 23	1 17	0 16	0 41	9 28	1 54	33 2	9 17	23 40	23 37	21 11			n.a.
T 14	23 39	18 6	2 10	18 34	0 57	24 41	0 50	24 55	1 3	13 17	1 21	23 24	1 17	0 16	0 41	9 28	1 54	33 2	9 17	23 40	23 36	21 10			n.a.
W15	23 35	21 27	1 4	18 8	1 7	24 42	0 51	24 55	1 3	13 13	1 21	23 25	1 17	0 16	0 41	9 28	1 54	33 2	9 17	23 40	23 36	21 8			n.a.
T 16	23 31	23 45	0s 3	17 42	1 17	24 42	0 53	24 55	1 3	13 9	1 21	23 25	1 17	0 16	0 41	9 28	1 55	33 2	9 17	23 40	23 36	21 7			n.a.
F 17	23 27	24 54	1 10	17 17	1 27	24 41	0 55	24 54	1 4	13 5	1 21	23 26	1 17	0 16	0 41	9 29	1 55	33 2	9 17	23 40	23 36	21 5			n.a.
S 18	23 22	24 52	2 12	16 52	1 38	24 40	0 57	24 54	1 4	13 1	1 21	23 27	1 18	0 16	0 41	9 29	1 55	33 2	9 17	23 40	23 36	21 4			n.a.
S 19	23 17	23 40	3 9	16 27	1 48	24 38	0 59	24 53	1 4	12 57	1 20	23 28	1 18	0 16	0 41	9 29	1 55	33 2	9 17	23 40	23 35	21 3			n.a.
M20	23 11	21 26	3 56	16 3	1 58	24 35	1 0	24 52	1 4	12 53	1 20	23 29	1 18	0 16	0 41	9 30	1 55	33 3	9 17	23 40	23 35	21 1			n.a.
T 21	23 5	18 17	4 34	15 40	2 9	24 31	1 2	24 51	1 5	12 49	1 20	23 30	1 18	0 16	0 41	9 30	1 55	33 3	9 17	23 40	23 35	21 0			n.a.
W22	22 59	14 25	5 0	15 17	2 19	24 27	1 3	24 50	1 5	12 45	1 20	23 30	1 18	0 16	0 41	9 30	1 55	33 3	9 17	23 39	23 35	20 58			n.a.
T 23	22 52	9 58	5 13	14 55	2 29	24 21	1 5	24 49	1 5	12 41	1 20	23 31	1 18	0 16	0 41	9 31	1 55	33 3	9 17	23 39	23 35	20 57			n.a.
F 24	22 45	5 6	5 12	14 35	2 39	24 16	1 6	24 47	1 5	12 37	1 20	23 32	1 18	0 16	0 41	9 31	1 55	33 3	9 17	23 39	23 34	20 55			n.a.
S 25	22 37	0n 2	4 57	14 15	2 49	24 9	1 8	24 45	1 6	12 32	1 20	23 33	1 18	0 16	0 41	9 32	1 55	33 3	9 17	23 39	23 34	20 54			n.a.
S 26	22 29	5 18	4 28	13 57	2 59	24 1	1 9	24 44	1 6	12 28	1 19	23 34	1 18	0 16	0 41	9 32	1 55	33 3	9 17	23 39	23 34	20 52			n.a.
M27	22 20	10 29	3 45	13 41	3 8	23 53	1 11	24 41	1 6	12 24	1 19	23 34	1 18	0 17	0 41	9 32	1 55	33 3	9 17	23 39	23 34	20 51			n.a.
T 28	22 11	15 21	2 49	13 26	3 18	23 44	1 12	24 39	1 7	12 20	1 19	23 35	1 19	0 17	0 41	9 33	1 55	33 3	9 17	23 39	23 34	20 49			n.a.
W29	22 2	19 37	1 42	13 13	3 26	23 35	1 13	24 36	1 7	12 15	1 19	23 36	1 19	0 17	0 41	9 33	1 55	33 3	9 17	23 39	23 33	20 48			n.a.
T 30	21 52	22 52	0 26	13 3	3 34	23 24	1 14	24 34	1 7	12 11	1 19	23 37	1 19	0 17	0 42	9 34	1 55	33 3	9 17	23 39	23 33	20 46			n.a.
F 31	21n42	24n44	0n54	12n54	3s42	23n13	1n15	24n31	1n 7	12n 7	1n19	23s38	1s19	0s17	0s42	9s34	1s55	33s 3	9s17	23n39	23n33	20s45			n.a.

Julian Day Number = 1201488.5, Delta T = 09h22m04s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°43'02, Lahiri = -23°36'02 Julian Calendar 1 July 1424 BCE == Greg. Calendar 18 June 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

AUGUST 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 47 25	24♋54'03	17♋26	15°R36	23♋31	11♋39	2♍21	20°R 1	0°R50	10°R24	4°R49	22°R37	20♊54	14♒31	n.a.	S 1
S 2	19 51 21	25°52'32	2♌34	15♌28	24°46	12°17	2°33	19♏56	0♈50	10♓23	4♏48	22♊34	20°51	14°38	n.a.	S 2
M 3	19 55 18	26°51'04	17°47	15°13	26° 1	12°55	2°45	19°52	0°49	10°22	4°47	22°30	20°48	14°45	n.a.	M 3
T 4	19 59 14	27°49'38	2♍52	14°51	27°16	13°33	2°56	19°47	0°48	10°21	4°45	22°24	20°44	14°52	n.a.	T 4
W 5	20 3 11	28°48'13	17°42	14°23	28°31	14°12	3° 8	19°43	0°48	10°20	4°44	22°19	20°41	14°58	n.a.	W 5
T 6	20 7 8	29°46'50	2♎10	13°47	29°46	14°50	3°20	19°38	0°47	10°19	4°43	22°15	20°38	15° 5	n.a.	T 6
F 7	20 11 4	0♌45'29	16°11	13° 6	1♌ 0	15°28	3°32	19°34	0°46	10°17	4°42	22°13	20°35	15°12	n.a.	F 7
S 8	20 15 1	1°44'10	29°46	12°18	2°15	16° 7	3°44	19°29	0°45	10°16	4°41	22°D12	20°32	15°18	n.a.	S 8
S 9	20 18 57	2°42'52	12♏57	11°25	3°30	16°45	3°56	19°25	0°44	10°15	4°40	22°12	20°28	15°25	n.a.	S 9
M10	20 22 54	3°41'37	25°45	10°27	4°45	17°23	4° 9	19°20	0°43	10°14	4°38	22°14	20°25	15°32	n.a.	M10
T 11	20 26 50	4°40'23	8♐16	9°25	6° 0	18° 1	4°21	19°16	0°42	10°12	4°37	22°15	20°22	15°38	n.a.	T 11
W12	20 30 47	5°39'12	20°32	8°20	7°15	18°40	4°33	19°11	0°41	10°11	4°36	22°R16	20°19	15°45	n.a.	W12
T 13	20 34 43	6°38'02	2♑38	7°15	8°30	19°18	4°45	19° 7	0°40	10°10	4°35	22°15	20°16	15°52	n.a.	T 13
F 14	20 38 40	7°36'54	14°36	6°11	9°45	19°56	4°58	19° 3	0°38	10° 8	4°34	22°13	20°13	15°59	n.a.	F 14
S 15	20 42 37	8°35'49	26°30	5° 8	11° 0	20°35	5°10	18°59	0°37	10° 7	4°33	22° 8	20° 9	16° 5	n.a.	S 15
S 16	20 46 33	9°34'45	8♒22	4° 9	12°15	21°13	5°23	18°54	0°36	10° 6	4°32	22° 1	20° 6	16°12	n.a.	S 16
M17	20 50 30	10°33'44	20°13	3°16	13°30	21°51	5°35	18°50	0°35	10° 4	4°31	21°53	20° 3	16°19	n.a.	M17
T 18	20 54 26	11°32'45	2♓ 5	2°30	14°45	22°29	5°48	18°46	0°33	10° 3	4°30	21°43	20° 0	16°25	n.a.	T 18
W19	20 58 23	12°31'48	14° 0	1°51	16° 0	23° 8	6° 0	18°42	0°32	10° 1	4°29	21°33	19°57	16°32	n.a.	W19
T 20	21 2 19	13°30'53	25°59	1°22	17°15	23°46	6°13	18°38	0°30	10° 0	4°28	21°24	19°54	16°39	n.a.	T 20
F 21	21 6 16	14°30'01	8♈ 5	1° 2	18°30	24°24	6°25	18°34	0°29	9°58	4°27	21°17	19°50	16°45	n.a.	F 21
S 22	21 10 12	15°29'11	20°22	0°D53	19°45	25° 3	6°38	18°30	0°27	9°57	4°26	21°11	19°47	16°52	n.a.	S 22
S 23	21 14 9	16°28'24	2♉51	0°54	21° 0	25°41	6°51	18°27	0°26	9°55	4°25	21° 8	19°44	16°59	n.a.	S 23
M24	21 18 5	17°27'39	15°38	1° 5	22°15	26°19	7° 4	18°23	0°24	9°54	4°24	21°D 7	19°41	17° 6	n.a.	M24
T 25	21 22 2	18°26'57	28°46	1°27	23°30	26°58	7°16	18°19	0°23	9°52	4°23	21° 7	19°38	17°12	n.a.	T 25
W26	21 25 59	19°26'17	12♊19	1°58	24°46	27°36	7°29	18°15	0°21	9°51	4°22	21° 8	19°34	17°19	n.a.	W26
T 27	21 29 55	20°25'40	26°18	2°38	26° 1	28°15	7°42	18°12	0°19	9°49	4°21	21°R 8	19°31	17°26	n.a.	T 27
F 28	21 33 52	21°25'05	10♋45	3°28	27°16	28°53	7°55	18° 8	0°17	9°48	4°21	21° 7	19°28	17°32	n.a.	F 28
S 29	21 37 48	22°24'33	25°36	4°25	28°31	29°31	8° 8	18° 5	0°16	9°46	4°20	21° 3	19°25	17°39	n.a.	S 29
S 30	21 41 45	23°24'03	10♌46	5°29	29°46	0♌10	8°21	18° 2	0°14	9°44	4°19	20°56	19°22	17°46	n.a.	S 30
M31	21 45 41	24♌23'35	26♌ 4	6♌39	1♍ 1	0♌48	8♍34	17♏58	0♈12	9♓43	4♏18	20♊48	19♊19	17♒52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n32	24n52	2n11	12n48	3s49	23n 1	1n16	24n28	1n 8	12n 2	1n19	23s38	1s19	0s18	0s42	9s34	1s55	33s 3	9s17	23n39	23n33	20s43		n.a.	S 1
S 2	21 21	23 11	3 21	12 45	3 55	22 49	1 17	24 24	1 8	11 58	1 19	23 39	1 19	0 18	0 42	9 35	1 56	33 3	9 17	23 39	23 32	20 42		n.a.	S 2
M 3	21 9	19 50	4 16	12 45	4 0	22 36	1 18	24 21	1 8	11 54	1 18	23 40	1 19	0 18	0 42	9 35	1 56	33 3	9 17	23 39	23 32	20 40		n.a.	M 3
T 4	20 58	15 10	4 53	12 47	4 3	22 22	1 19	24 17	1 8	11 49	1 18	23 41	1 19	0 19	0 42	9 36	1 56	33 3	9 17	23 38	23 32	20 39		n.a.	T 4
W 5	20 46	9 41	5 10	12 53	4 6	22 7	1 20	24 14	1 8	11 45	1 18	23 41	1 19	0 19	0 42	9 36	1 56	33 3	9 17	23 38	23 32	20 37		n.a.	W 5
T 6	20 33	3 48	5 6	13 2	4 7	21 52	1 21	24 10	1 9	11 40	1 18	23 42	1 19	0 19	0 42	9 37	1 56	33 3	9 17	23 38	23 32	20 35		n.a.	T 6
F 7	20 21	2s 7	4 44	13 15	4 6	21 36	1 21	24 5	1 9	11 36	1 18	23 43	1 19	0 20	0 42	9 37	1 56	33 3	9 17	23 38	23 31	20 34		n.a.	F 7
S 8	20 7	7 45	4 7	13 31	4 4	21 20	1 22	24 1	1 9	11 31	1 18	23 44	1 19	0 20	0 42	9 38	1 56	33 3	9 17	23 38	23 31	20 32		n.a.	S 8
S 9	19 54	12 52	3 17	13 49	4 0	21 3	1 22	23 56	1 9	11 26	1 18	23 44	1 19	0 20	0 42	9 38	1 56	33 3	9 17	23 38	23 31	20 31		n.a.	S 9
M10	19 40	17 17	2 19	14 11	3 54	20 45	1 23	23 52	1 10	11 22	1 18	23 45	1 19	0 21	0 42	9 39	1 56	33 3	9 17	23 38	23 31	20 29		n.a.	M10
T 11	19 26	20 50	1 15	14 36	3 45	20 27	1 23	23 47	1 10	11 17	1 18	23 46	1 19	0 21	0 42	9 40	1 56	33 3	9 17	23 38	23 30	20 28		n.a.	T 11
W12	19 11	23 22	0 9	15 3	3 35	20 8	1 24	23 42	1 10	11 13	1 17	23 46	1 20	0 22	0 42	9 40	1 56	33 3	9 17	23 38	23 30	20 26		n.a.	W12
T 13	18 57	24 46	0s56	15 31	3 23	19 48	1 24	23 36	1 10	11 8	1 17	23 47	1 20	0 22	0 42	9 41	1 56	33 3	9 17	23 38	23 30	20 24		n.a.	T 13
F 14	18 41	25 0	1 58	16 1	3 9	19 28	1 24	23 31	1 11	11 3	1 17	23 48	1 20	0 23	0 42	9 41	1 56	33 3	9 17	23 38	23 30	20 23		n.a.	F 14
S 15	18 26	24 4	2 54	16 32	2 53	19 8	1 24	23 25	1 11	10 58	1 17	23 48	1 20	0 23	0 42	9 42	1 56	33 3	9 16	23 37	23 29	20 21		n.a.	S 15
S 16	18 10	22 4	3 42	17 2	2 36	18 46	1 24	23 19	1 11	10 54	1 17	23 49	1 20	0 24	0 42	9 42	1 56	33 3	9 16	23 37	23 29	20 20		n.a.	S 16
M17	17 54	19 7	4 21	17 33	2 17	18 25	1 24	23 13	1 11	10 49	1 17	23 50	1 20	0 24	0 42	9 43	1 56	33 3	9 16	23 37	23 29	20 18		n.a.	M17
T 18	17 37	15 23	4 48	18 2	1 58	18 2	1 24	23 7	1 11	10 44	1 17	23 50	1 20	0 25	0 42	9 43	1 56	33 3	9 16	23 36	23 29	20 16		n.a.	T 18
W19	17 21	11 3	5 3	18 30	1 39	17 40	1 24	23 1	1 12	10 39	1 17	23 51	1 20	0 26	0 42	9 44	1 56	33 3	9 16	23 35	23 28	20 15		n.a.	W19
T 20	17 4	6 16	5 5	18 55	1 19	17 16	1 24	22 54	1 12	10 35	1 17	23 51	1 20	0 26	0 42	9 45	1 56	33 3	9 16	23 35	23 28	20 13		n.a.	T 20
F 21	16 46	1 13	4 53	19 19	1 0	16 53	1 24	22 48	1 12	10 30	1 17	23 52	1 20	0 27	0 42	9 45	1 56	33 3	9 16	23 34	23 28	20 12		n.a.	F 21
S 22	16 29	3n58	4 27	19 39	0 41	16 28	1 24	22 41	1 12	10 25	1 17	23 53	1 20	0 27	0 42	9 46	1 56	33 3	9 16	23 34	23 28	20 10		n.a.	S 22
S 23	16 11	9 6	3 49	19 57	0 22	16 4	1 23	22 34	1 12	10 20	1 16	23 53	1 20	0 28	0 42	9 46	1 56	33 3	9 16	23 34	23 27	20 8		n.a.	S 23
M24	15 52	13 58	2 58	20 12	0 5	15 38	1 23	22 27	1 13	10 15	1 16	23 54	1 20	0 29	0 42	9 47	1 56	33 3	9 16	23 34	23 27	20 7		n.a.	M24
T 25	15 34	18 20	1 57	20 23	0n12	15 13	1 22	22 19	1 13	10 10	1 16	23 54	1 20	0 29	0 42	9 48	1 57	33 2	9 15	23 34	23 27	20 5		n.a.	T 25
W26	15 15	21 54	0 47	20 31	0 27	14 47	1 22	22 12	1 13	10 5	1 16	23 55	1 20	0 30	0 42	9 48	1 57	33 2	9 15	23 34	23 27	20 3		n.a.	W26
T 27	14 56	24 16	0n28	20 35	0 41	14 20	1 21	22 4	1 13	10 0	1 16	23 55	1 20	0 31	0 42	9 49	1 57	33 2	9 15	23 34	23 26	20 2		n.a.	T 27
F 28	14 37	25 8	1 43	20 36	0 54	13 54	1 21	21 56	1 13	9 55	1 16	23 56	1 20	0 32	0 42	9 50	1 57	33 2	9 15	23 34	23 26	20 0		n.a.	F 28
S 29	14 17	24 14	2 53	20 34	1 6	13 26	1 20	21 48	1 13	9 50	1 16	23 56	1 20	0 32	0 42	9 50	1 57	33 2	9 15	23 33	23 26	19 58		n.a.	S 29
S 30	13 57	21 34	3 52	20 28	1 16	12 59	1 19	21 40	1 14	9 45	1 16	23 57	1 20	0 33	0 42	9 51	1 57	33 2	9 15	23 33	23 26	19 57		n.a.	S 30
M31	13n37	17n21	4n36	20n19	1n25	12n31	1n18	21n32	1n14	9n40	1n16	23s57	1s20	0s34	0s42	9s51	1s57	33s 2	9s15	23n32	23n25	19s55		n.a.	M31

Julian Day Number = 1201519.5, Delta T = 09h22m02s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'58, Lahiri = -23°35'57 Julian Calendar 1 Aug. 1424 BCE == Greg. Calendar 19 July 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

SEPTEMBER 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 49 38	25♌23'09	11♍20	7♌55	2♍17	1♌27	8♍47	17°R55	0°R10	9°R41	4°R18	20°R38	19♊15	17♒59	n.a.	T 1
W 2	21 53 34	26°22'46	26°23	9°16	3°32	2° 5	9° 0	17♑52	0♈ 8	9♓40	4♑17	20♊28	19°12	18° 6	n.a.	W 2
T 3	21 57 31	27°22'24	11♎ 4	10°42	4°47	2°43	9°13	17°49	0° 6	9°38	4°16	20°19	19° 9	18°13	n.a.	T 3
F 4	22 1 27	28°22'05	25°16	12°10	6° 2	3°22	9°26	17°46	0° 4	9°36	4°15	20°13	19° 6	18°19	n.a.	F 4
S 5	22 5 24	29°21'47	8♏59	13°42	7°17	4° 0	9°39	17°43	0° 2	9°35	4°15	20° 9	19° 3	18°26	n.a.	S 5
S 6	22 9 21	0♍21'31	22°12	15°17	8°33	4°39	9°52	17°40	0° 0	9°33	4°14	20° 7	18°59	18°33	n.a.	S 6
M 7	22 13 17	1°21'17	5♐ 0	16°53	9°48	5°17	10° 5	17°38	29♓58	9°31	4°14	20°D 7	18°56	18°39	n.a.	M 7
T 8	22 17 14	2°21'05	17°27	18°31	11° 3	5°56	10°19	17°35	29°56	9°30	4°13	20°R 7	18°53	18°46	n.a.	T 8
W 9	22 21 10	3°20'55	29°38	20°10	12°18	6°34	10°32	17°33	29°54	9°28	4°12	20° 7	18°50	18°53	n.a.	W 9
T 10	22 25 7	4°20'47	11♑38	21°50	13°33	7°13	10°45	17°30	29°52	9°26	4°12	20° 5	18°47	19° 0	n.a.	T 10
F 11	22 29 3	5°20'40	23°31	23°31	14°49	7°51	10°58	17°28	29°49	9°25	4°11	20° 0	18°44	19° 6	n.a.	F 11
S 12	22 33 0	6°20'36	5♒21	25°12	16° 4	8°30	11°11	17°26	29°47	9°23	4°11	19°53	18°40	19°13	n.a.	S 12
S 13	22 36 56	7°20'33	17°12	26°54	17°19	9° 8	11°25	17°23	29°45	9°21	4°10	19°43	18°37	19°20	n.a.	S 13
M14	22 40 53	8°20'33	29° 4	28°36	18°34	9°47	11°38	17°21	29°43	9°20	4°10	19°30	18°34	19°26	n.a.	M14
T 15	22 44 50	9°20'34	11♓ 1	0♍18	19°49	10°25	11°51	17°19	29°40	9°18	4°10	19°16	18°31	19°33	n.a.	T 15
W16	22 48 46	10°20'37	23° 3	1°59	21° 5	11° 4	12° 4	17°18	29°38	9°16	4° 9	19° 1	18°28	19°40	n.a.	W16
T 17	22 52 43	11°20'43	5♈11	3°41	22°20	11°42	12°17	17°16	29°36	9°14	4° 9	18°48	18°25	19°46	n.a.	T 17
F 18	22 56 39	12°20'50	17°26	5°22	23°35	12°21	12°31	17°14	29°33	9°13	4° 8	18°36	18°21	19°53	n.a.	F 18
S 19	23 0 36	13°21'00	29°50	7° 3	24°50	12°59	12°44	17°13	29°31	9°11	4° 8	18°27	18°18	20° 0	n.a.	S 19
S 20	23 4 32	14°21'12	12♉26	8°44	26° 5	13°38	12°57	17°11	29°29	9° 9	4° 8	18°21	18°15	20° 7	n.a.	S 20
M21	23 8 29	15°21'26	25°14	10°24	27°21	14°16	13°10	17°10	29°26	9° 8	4° 8	18°18	18°12	20°13	n.a.	M21
T 22	23 12 25	16°21'43	8♊20	12° 4	28°36	14°55	13°24	17° 8	29°24	9° 6	4° 7	18°17	18° 9	20°20	n.a.	T 22
W23	23 16 22	17°22'01	21°45	13°44	29°51	15°34	13°37	17° 7	29°21	9° 4	4° 7	18°17	18° 5	20°27	n.a.	W23
T 24	23 20 18	18°22'22	5♋33	15°23	1♎ 6	16°12	13°50	17° 6	29°19	9° 3	4° 7	18°17	18° 2	20°33	n.a.	T 24
F 25	23 24 15	19°22'46	19°44	17° 2	2°21	16°51	14° 3	17° 5	29°17	9° 1	4° 7	18°15	17°59	20°40	n.a.	F 25
S 26	23 28 12	20°23'11	4♌18	18°40	3°36	17°29	14°16	17° 4	29°14	8°59	4° 7	18°10	17°56	20°47	n.a.	S 26
S 27	23 32 8	21°23'38	19°12	20°18	4°52	18° 8	14°30	17° 4	29°12	8°58	4° 7	18° 2	17°53	20°54	n.a.	S 27
M28	23 36 5	22°24'08	4♍18	21°55	6° 7	18°47	14°43	17° 3	29° 9	8°56	4° 6	17°52	17°50	21° 0	n.a.	M28
T 29	23 40 1	23°24'39	19°27	23°32	7°22	19°25	14°56	17° 2	29° 7	8°55	4° 6	17°41	17°46	21° 7	n.a.	T 29
W30	23 43 58	24♍25'12	4♎28	25♍ 9	8♎37	20♌ 4	15♍ 9	17♑ 2	29♓ 4	8♓53	4°D 6	17♊29	17♊43	21♒14	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n17	12n 2	4n59	20n 6	1n33	12n 3	1n17	21n24	1n14	9n35	1n16	23s57	1s20	0s35	0s42	9s52	1s57	33s 2	9s15	23n32	23n25	19s53		n.a.
W 2	12 57	6 3	5 1	19 51	1 40	11 34	1 16	21 15	1 14	9 30	1 16	23 58	1 20	0 35	0 42	9 53	1 57	33 2	9 14	23 31	23 25	19 51		n.a.
T 3	12 36	0s 7	4 44	19 33	1 45	11 5	1 15	21 6	1 14	9 25	1 16	23 58	1 20	0 36	0 42	9 53	1 57	33 2	9 14	23 30	23 25	19 50		n.a.
F 4	12 15	6 6	4 9	19 12	1 50	10 36	1 14	20 57	1 15	9 20	1 16	23 59	1 20	0 37	0 42	9 54	1 57	33 1	9 14	23 30	23 24	19 48		n.a.
S 5	11 54	11 35	3 20	18 48	1 53	10 7	1 13	20 48	1 15	9 15	1 16	23 59	1 20	0 38	0 42	9 55	1 57	33 1	9 14	23 29	23 24	19 46		n.a.
S 6	11 32	16 21	2 23	18 23	1 56	9 37	1 12	20 39	1 15	9 10	1 16	23 59	1 20	0 39	0 42	9 55	1 57	33 1	9 14	23 29	23 24	19 45		n.a.
M 7	11 11	20 13	1 19	17 55	1 57	9 7	1 10	20 30	1 15	9 5	1 16	24 0	1 20	0 40	0 42	9 56	1 57	33 1	9 14	23 29	23 24	19 43		n.a.
T 8	10 49	23 1	0 14	17 25	1 58	8 37	1 9	20 20	1 15	9 0	1 16	24 0	1 20	0 40	0 42	9 57	1 57	33 1	9 14	23 29	23 23	19 41		n.a.
W 9	10 27	24 42	0s50	16 53	1 58	8 6	1 8	20 10	1 15	8 55	1 16	24 0	1 20	0 41	0 42	9 57	1 57	33 1	9 13	23 29	23 23	19 39		n.a.
T 10	10 5	25 12	1 51	16 19	1 58	7 36	1 6	20 1	1 16	8 50	1 16	24 1	1 20	0 42	0 42	9 58	1 57	33 1	9 13	23 29	23 23	19 38		n.a.
F 11	9 43	24 31	2 47	15 45	1 56	7 5	1 5	19 51	1 16	8 45	1 16	24 1	1 20	0 43	0 42	9 59	1 57	33 1	9 13	23 29	23 22	19 36		n.a.
S 12	9 21	22 44	3 35	15 8	1 54	6 34	1 3	19 41	1 16	8 39	1 16	24 1	1 20	0 44	0 42	9 59	1 57	33 0	9 13	23 28	23 22	19 34		n.a.
S 13	8 58	19 58	4 14	14 31	1 52	6 2	1 2	19 30	1 16	8 34	1 16	24 2	1 20	0 45	0 42	10 0	1 57	33 0	9 13	23 27	23 22	19 32		n.a.
M14	8 35	16 23	4 41	13 52	1 49	5 31	1 0	19 20	1 16	8 29	1 15	24 2	1 20	0 46	0 42	10 1	1 57	33 0	9 13	23 26	23 22	19 31		n.a.
T 15	8 12	12 7	4 57	13 13	1 46	4 59	0 58	19 10	1 16	8 24	1 15	24 2	1 20	0 47	0 42	10 1	1 57	33 0	9 12	23 25	23 21	19 29		n.a.
W16	7 49	7 22	4 59	12 32	1 42	4 28	0 57	18 59	1 16	8 19	1 15	24 2	1 20	0 48	0 42	10 2	1 57	33 0	9 12	23 24	23 21	19 27		n.a.
T 17	7 26	2 18	4 48	11 51	1 38	3 56	0 55	18 48	1 17	8 14	1 15	24 2	1 20	0 49	0 42	10 3	1 57	33 0	9 12	23 23	23 21	19 25		n.a.
F 18	7 3	2n55	4 23	11 9	1 34	3 24	0 53	18 37	1 17	8 8	1 15	24 3	1 19	0 50	0 42	10 3	1 57	33 0	9 12	23 22	23 21	19 23		n.a.
S 19	6 39	8 6	3 46	10 27	1 29	2 52	0 51	18 26	1 17	8 3	1 15	24 3	1 19	0 51	0 42	10 4	1 57	32 59	9 12	23 21	23 20	19 22		n.a.
S 20	6 16	13 2	2 57	9 44	1 24	2 20	0 49	18 15	1 17	7 58	1 15	24 3	1 19	0 52	0 42	10 5	1 57	32 59	9 12	23 21	23 20	19 20		n.a.
M21	5 52	17 30	1 58	9 1	1 19	1 48	0 47	18 4	1 17	7 53	1 15	24 3	1 19	0 52	0 42	10 5	1 57	32 59	9 11	23 20	23 20	19 18		n.a.
T 22	5 28	21 13	0 52	8 17	1 14	1 15	0 45	17 52	1 17	7 48	1 15	24 3	1 19	0 53	0 42	10 6	1 57	32 59	9 11	23 20	23 19	19 16		n.a.
W23	5 5	23 54	0n18	7 33	1 8	0 43	0 43	17 41	1 17	7 43	1 15	24 3	1 19	0 54	0 42	10 6	1 57	32 59	9 11	23 20	23 19	19 14		n.a.
T 24	4 41	25 14	1 30	6 49	1 2	0 11	0 41	17 29	1 17	7 37	1 15	24 3	1 19	0 55	0 42	10 7	1 57	32 59	9 11	23 20	23 19	19 13		n.a.
F 25	4 17	24 59	2 38	6 5	0 56	0s22	0 39	17 18	1 18	7 32	1 15	24 3	1 19	0 56	0 42	10 8	1 57	32 58	9 11	23 20	23 19	19 11		n.a.
S 26	3 52	23 2	3 37	5 20	0 50	0 54	0 37	17 6	1 18	7 27	1 15	24 3	1 19	0 57	0 42	10 8	1 57	32 58	9 11	23 20	23 18	19 9		n.a.
S 27	3 28	19 29	4 23	4 35	0 44	1 26	0 35	16 54	1 18	7 22	1 15	24 4	1 19	0 58	0 42	10 9	1 57	32 58	9 10	23 19	23 18	19 7		n.a.
M28	3 4	14 37	4 52	3 50	0 38	1 59	0 32	16 42	1 18	7 17	1 15	24 4	1 19	0 59	0 42	10 10	1 57	32 58	9 10	23 18	23 18	19 5		n.a.
T 29	2 40	8 50	5 0	3 6	0 32	2 31	0 30	16 29	1 18	7 12	1 15	24 4	1 19	1 0	0 42	10 10	1 57	32 58	9 10	23 17	23 17	19 3		n.a.
W30	2n15	2n35	4n47	2n21	0n25	3s 3	0n28	16n17	1n18	7n 6	1n15	24s 4	1s19	1s 1	0s42	10s11	1s57	32s57	9s10	23n16	23n17	19s 2		n.a.

Julian Day Number = 1201550.5, Delta T = 09h22m00s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'54, Lahiri = -23°35'53 Julian Calendar 1 Sept. 1424 BCE == Greg. Calendar 19 Aug. 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

OCTOBER 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 47 54	25♍25'46	19♎11	26♍45	9♎52	20♌42	15♍22	17°R 2	29°R 2	8°R51	4♉ 6	17°R18	17♊40	21♒20	n.a.	T 1
F 2	23 51 51	26°26'22	3♏29	28°21	11° 8	21°21	15°36	17♉ 2	28♓59	8♓50	4° 6	17♊10	17°37	21°27	n.a.	F 2
S 3	23 55 47	27°27'00	17°18	29°57	12°23	22° 0	15°49	17°D 1	28°57	8°48	4° 6	17° 4	17°34	21°34	n.a.	S 3
S 4	23 59 44	28°27'39	0♐38	1♎32	13°38	22°38	16° 2	17° 1	28°54	8°47	4° 7	17° 1	17°30	21°40	n.a.	S 4
M 5	0 3 40	29°28'20	13°31	3° 7	14°53	23°17	16°15	17° 2	28°52	8°45	4° 7	17°D 0	17°27	21°47	n.a.	M 5
T 6	0 7 37	0♎29'02	26° 1	4°42	16° 8	23°56	16°28	17° 2	28°49	8°43	4° 7	17°R 0	17°24	21°54	n.a.	T 6
W 7	0 11 34	1°29'45	8♉13	6°16	17°23	24°34	16°41	17° 2	28°47	8°42	4° 7	17° 0	17°21	22° 1	n.a.	W 7
T 8	0 15 30	2°30'30	20°13	7°51	18°38	25°13	16°54	17° 3	28°44	8°40	4° 7	16°59	17°18	22° 7	n.a.	T 8
F 9	0 19 27	3°31'16	2♒ 5	9°24	19°54	25°52	17° 7	17° 3	28°42	8°39	4° 7	16°55	17°15	22°14	n.a.	F 9
S 10	0 23 23	4°32'03	13°55	10°58	21° 9	26°31	17°20	17° 4	28°39	8°37	4° 8	16°49	17°11	22°21	n.a.	S 10
S 11	0 27 20	5°32'51	25°46	12°32	22°24	27° 9	17°33	17° 4	28°37	8°36	4° 8	16°40	17° 8	22°27	n.a.	S 11
M12	0 31 16	6°33'41	7♓42	14° 5	23°39	27°48	17°46	17° 5	28°34	8°34	4° 8	16°28	17° 5	22°34	n.a.	M12
T 13	0 35 13	7°34'32	19°44	15°38	24°54	28°27	17°59	17° 6	28°32	8°33	4° 9	16°15	17° 2	22°41	n.a.	T 13
W14	0 39 9	8°35'24	1♈56	17°11	26° 9	29° 5	18°12	17° 7	28°29	8°32	4° 9	16° 2	16°59	22°48	n.a.	W14
T 15	0 43 6	9°36'17	14°17	18°44	27°24	29°44	18°24	17° 9	28°27	8°30	4° 9	15°50	16°56	22°54	n.a.	T 15
F 16	0 47 3	10°37'12	26°47	20°16	28°39	0♍23	18°37	17°10	28°25	8°29	4°10	15°39	16°52	23° 1	n.a.	F 16
S 17	0 50 59	11°38'08	9♉27	21°48	29°54	1° 2	18°50	17°11	28°22	8°27	4°10	15°31	16°49	23° 8	n.a.	S 17
S 18	0 54 56	12°39'06	22°18	23°21	1♏ 9	1°40	19° 3	17°13	28°20	8°26	4°11	15°26	16°46	23°14	n.a.	S 18
M19	0 58 52	13°40'05	5♊20	24°53	2°24	2°19	19°15	17°14	28°17	8°25	4°11	15°23	16°43	23°21	n.a.	M19
T 20	1 2 49	14°41'05	18°34	26°25	3°39	2°58	19°28	17°16	28°15	8°23	4°12	15°D23	16°40	23°28	n.a.	T 20
W21	1 6 45	15°42'07	2♋ 3	27°56	4°54	3°37	19°41	17°18	28°13	8°22	4°12	15°23	16°36	23°35	n.a.	W21
T 22	1 10 42	16°43'11	15°47	29°28	6° 9	4°16	19°53	17°20	28°10	8°21	4°13	15°R24	16°33	23°41	n.a.	T 22
F 23	1 14 39	17°44'16	29°47	0♏59	7°24	4°54	20° 6	17°22	28° 8	8°20	4°13	15°23	16°30	23°48	n.a.	F 23
S 24	1 18 35	18°45'22	14♌ 4	2°30	8°39	5°33	20°18	17°24	28° 6	8°19	4°14	15°20	16°27	23°55	n.a.	S 24
S 25	1 22 32	19°46'29	28°35	4° 1	9°54	6°12	20°30	17°26	28° 3	8°17	4°15	15°15	16°24	24° 1	n.a.	S 25
M26	1 26 28	20°47'37	13♍16	5°31	11° 9	6°51	20°43	17°29	28° 1	8°16	4°15	15° 8	16°21	24° 8	n.a.	M26
T 27	1 30 25	21°48'47	28° 1	7° 1	12°24	7°30	20°55	17°31	27°59	8°15	4°16	15° 0	16°17	24°15	n.a.	T 27
W28	1 34 21	22°49'58	12♎41	8°31	13°39	8° 8	21° 7	17°34	27°57	8°14	4°17	14°51	16°14	24°22	n.a.	W28
T 29	1 38 18	23°51'09	27° 9	10° 0	14°54	8°47	21°20	17°36	27°54	8°13	4°17	14°42	16°11	24°28	n.a.	T 29
F 30	1 42 14	24°52'22	11♏19	11°29	16° 9	9°26	21°32	17°39	27°52	8°12	4°18	14°36	16° 8	24°35	n.a.	F 30
S 31	1 46 11	25♎53'35	25♏ 5	12♏56	17♏24	10♍ 5	21♍44	17♉42	27♓50	8♓11	4♉19	14♊32	16♊ 5	24♒42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n51	3s42	4n16	1n36	0n19	3s35	0n26	16n 5	1n18	7n 1	1n16	24s 4	1s19	1s 2	0s42	10s11	1s57	32s57	9s10	23n15	23n17	19s 0			n.a.
F 2	1 26	9 38	3 28	0 51	0 13	4 7	0 23	15 52	1 18	6 56	1 16	24 4	1 19	1 3	0 42	10 12	1 57	32 57	9 10	23 14	23 16	18 58			n.a.
S 3	1 2	14 54	2 30	0 7	0 6	4 39	0 21	15 39	1 18	6 51	1 16	24 4	1 19	1 4	0 42	10 13	1 57	32 57	9 9	23 13	23 16	18 56			n.a.
S 4	0 37	19 15	1 26	0s38	0s 0	5 11	0 18	15 27	1 18	6 46	1 16	24 3	1 19	1 5	0 42	10 13	1 57	32 57	9 9	23 13	23 16	18 54			n.a.
M 5	0 13	22 31	0 18	1 22	0 7	5 43	0 16	15 14	1 19	6 41	1 16	24 3	1 19	1 6	0 42	10 14	1 57	32 57	9 9	23 13	23 16	18 52			n.a.
T 6	0s12	24 36	0s48	2 6	0 13	6 15	0 14	15 1	1 19	6 35	1 16	24 3	1 19	1 7	0 42	10 14	1 57	32 56	9 9	23 13	23 15	18 50			n.a.
W 7	0 36	25 26	1 50	2 50	0 20	6 46	0 11	14 48	1 19	6 30	1 16	24 3	1 19	1 8	0 42	10 15	1 57	32 56	9 9	23 13	23 15	18 48			n.a.
T 8	1 1	25 3	2 46	3 34	0 26	7 18	0 9	14 35	1 19	6 25	1 16	24 3	1 18	1 9	0 42	10 15	1 57	32 56	9 8	23 13	23 15	18 46			n.a.
F 9	1 25	23 32	3 35	4 18	0 33	7 49	0 6	14 21	1 19	6 20	1 16	24 3	1 18	1 10	0 42	10 16	1 57	32 56	9 8	23 12	23 14	18 45			n.a.
S 10	1 50	20 59	4 14	5 1	0 39	8 20	0 4	14 8	1 19	6 15	1 16	24 3	1 18	1 11	0 42	10 17	1 57	32 56	9 8	23 12	23 14	18 43			n.a.
S 11	2 14	17 34	4 42	5 44	0 45	8 51	0 1	13 55	1 19	6 10	1 16	24 3	1 18	1 12	0 42	10 17	1 57	32 55	9 8	23 11	23 14	18 41			n.a.
M12	2 39	13 25	4 58	6 26	0 52	9 21	0s 1	13 41	1 19	6 5	1 16	24 3	1 18	1 13	0 42	10 18	1 57	32 55	9 8	23 10	23 13	18 39			n.a.
T 13	3 3	8 43	5 1	7 9	0 58	9 52	0 4	13 27	1 19	6 0	1 16	24 2	1 18	1 14	0 42	10 18	1 57	32 55	9 7	23 8	23 13	18 37			n.a.
W14	3 28	3 38	4 50	7 50	1 4	10 22	0 6	13 14	1 19	5 55	1 16	24 2	1 18	1 15	0 42	10 19	1 57	32 55	9 7	23 7	23 13	18 35			n.a.
T 15	3 52	1n39	4 26	8 32	1 10	10 52	0 9	13 0	1 19	5 50	1 16	24 2	1 18	1 16	0 42	10 19	1 56	32 55	9 7	23 6	23 12	18 33			n.a.
F 16	4 17	6 58	3 48	9 13	1 15	11 22	0 11	12 46	1 19	5 45	1 16	24 2	1 18	1 17	0 42	10 20	1 56	32 54	9 7	23 4	23 12	18 31			n.a.
S 17	4 41	12 4	2 59	9 54	1 21	11 51	0 14	12 32	1 19	5 40	1 16	24 1	1 18	1 18	0 42	10 20	1 56	32 54	9 7	23 4	23 12	18 29			n.a.
S 18	5 5	16 44	2 0	10 34	1 26	12 20	0 16	12 18	1 19	5 35	1 16	24 1	1 18	1 19	0 42	10 21	1 56	32 54	9 7	23 3	23 12	18 27			n.a.
M19	5 29	20 42	0 53	11 13	1 32	12 49	0 19	12 4	1 19	5 30	1 16	24 1	1 18	1 20	0 42	10 21	1 56	32 54	9 6	23 3	23 11	18 25			n.a.
T 20	5 53	23 39	0n17	11 52	1 37	13 17	0 21	11 50	1 19	5 25	1 16	24 1	1 18	1 21	0 42	10 22	1 56	32 54	9 6	23 3	23 11	18 23			n.a.
W21	6 17	25 19	1 28	12 30	1 42	13 46	0 24	11 35	1 20	5 20	1 16	24 0	1 18	1 22	0 42	10 22	1 56	32 53	9 6	23 3	23 11	18 21			n.a.
T 22	6 41	25 29	2 35	13 8	1 47	14 13	0 26	11 21	1 20	5 15	1 17	24 0	1 18	1 23	0 42	10 22	1 56	32 53	9 6	23 3	23 10	18 19			n.a.
F 23	7 5	24 3	3 34	13 45	1 51	14 41	0 29	11 7	1 20	5 10	1 17	24 0	1 18	1 24	0 42	10 23	1 56	32 53	9 6	23 3	23 10	18 17			n.a.
S 24	7 28	21 4	4 21	14 21	1 55	15 8	0 31	10 52	1 20	5 5	1 17	23 59	1 18	1 25	0 42	10 23	1 56	32 53	9 5	23 2	23 10	18 15			n.a.
S 25	7 52	16 44	4 53	14 57	1 59	15 35	0 34	10 38	1 20	5 0	1 17	23 59	1 17	1 26	0 42	10 24	1 56	32 53	9 5	23 2	23 9	18 13			n.a.
M26	8 15	11 22	5 5	15 31	2 3	16 1	0 36	10 23	1 20	4 55	1 17	23 59	1 17	1 27	0 42	10 24	1 56	32 52	9 5	23 1	23 9	18 11			n.a.
T 27	8 39	5 20	4 58	16 5	2 6	16 27	0 39	10 8	1 20	4 50	1 17	23 58	1 17	1 28	0 42	10 25	1 56	32 52	9 5	23 0	23 9	18 9			n.a.
W28	9 2	0s57	4 31	16 38	2 9	16 52	0 41	9 53	1 20	4 45	1 17	23 58	1 17	1 28	0 42	10 25	1 56	32 52	9 5	22 59	23 8	18 7			n.a.
T 29	9 25	7 8	3 46	17 9	2 12	17 17	0 44	9 39	1 20	4 40	1 17	23 57	1 17	1 29	0 42	10 25	1 56	32 52	9 5	22 58	23 8	18 5			n.a.
F 30	9 48	12 49	2 49	17 40	2 14	17 42	0 46	9 24	1 20	4 36	1 17	23 57	1 17	1 30	0 42	10 26	1 56	32 52	9 4	22 57	23 8	18 3			n.a.
S 31	10s11	17s43	1n43	18s 9	2s16	18s 6	0s48	9n 9	1n20	4n31	1n17	23s57	1s17	1s31	0s42	10s26	1s56	32s51	9s 4	22n57	23n 7	18s 1			n.a.

Julian Day Number = 1201580.5, Delta T = 09h21m59s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'50, Lahiri = -23°35'49 Julian Calendar 1 Oct. 1424 BCE == Greg. Calendar 18 Sept. 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

NOVEMBER 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 50 8	26♎54'49	8♐27	14♏23	18♏38	10♍44	21♍56	17♑45	27°R48	8°R10	4♑20	14°D30	16♊ 2	24♒48	n.a.	S 1
M 2	1 54 4	27°56'03	21°23	15°49	19°53	11°23	22° 8	17°48	27♓46	8♓ 9	4°21	14♊30	15°58	24°55	n.a.	M 2
T 3	1 58 1	28°57'18	3♑57	17°14	21° 8	12° 2	22°20	17°51	27°44	8° 8	4°22	14°31	15°55	25° 2	n.a.	T 3
W 4	2 1 57	29°58'33	16°13	18°37	22°23	12°40	22°32	17°54	27°42	8° 7	4°23	14°33	15°52	25° 9	n.a.	W 4
T 5	2 5 54	0♏59'48	28°16	19°58	23°38	13°19	22°43	17°58	27°40	8° 6	4°23	14°R34	15°49	25°15	n.a.	T 5
F 6	2 9 50	2° 1'04	10♒10	21°18	24°53	13°58	22°55	18° 1	27°38	8° 5	4°24	14°33	15°46	25°22	n.a.	F 6
S 7	2 13 47	3° 2'20	22° 1	22°35	26° 7	14°37	23° 7	18° 4	27°36	8° 4	4°25	14°31	15°42	25°29	n.a.	S 7
S 8	2 17 43	4° 3'36	3♓54	23°50	27°22	15°16	23°18	18° 8	27°34	8° 4	4°26	14°27	15°39	25°35	n.a.	S 8
M 9	2 21 40	5° 4'52	15°52	25° 1	28°37	15°55	23°30	18°12	27°32	8° 3	4°27	14°21	15°36	25°42	n.a.	M 9
T 10	2 25 37	6° 6'08	28° 0	26° 8	29°52	16°34	23°41	18°16	27°31	8° 2	4°28	14°15	15°33	25°49	n.a.	T 10
W11	2 29 33	7° 7'25	10♈19	27°11	1♗ 6	17°12	23°52	18°19	27°29	8° 1	4°29	14° 8	15°30	25°56	n.a.	W11
T 12	2 33 30	8° 8'42	22°52	28°10	2°21	17°51	24° 4	18°23	27°27	8° 1	4°31	14° 1	15°27	26° 2	n.a.	T 12
F 13	2 37 26	9° 9'59	5♉39	29° 2	3°36	18°30	24°15	18°27	27°25	8° 0	4°32	13°55	15°23	26° 9	n.a.	F 13
S 14	2 41 23	10°11'16	18°40	29°48	4°50	19° 9	24°26	18°32	27°24	8° 0	4°33	13°51	15°20	26°16	n.a.	S 14
S 15	2 45 19	11°12'33	1♊53	0♗27	6° 5	19°48	24°37	18°36	27°22	7°59	4°34	13°48	15°17	26°22	n.a.	S 15
M16	2 49 16	12°13'51	15°19	0°57	7°20	20°27	24°48	18°40	27°21	7°58	4°35	13°D48	15°14	26°29	n.a.	M16
T 17	2 53 13	13°15'09	28°55	1°18	8°34	21° 6	24°59	18°45	27°19	7°58	4°36	13°49	15°11	26°36	n.a.	T 17
W18	2 57 9	14°16'27	12♋41	1°29	9°49	21°45	25°10	18°49	27°17	7°57	4°38	13°50	15° 7	26°43	n.a.	W18
T 19	3 1 6	15°17'46	26°36	1°R30	11° 3	22°24	25°20	18°54	27°16	7°57	4°39	13°52	15° 4	26°49	n.a.	T 19
F 20	3 5 2	16°19'05	10♌39	1°19	12°18	23° 2	25°31	18°58	27°15	7°57	4°40	13°R53	15° 1	26°56	n.a.	F 20
S 21	3 8 59	17°20'24	24°48	0°56	13°32	23°41	25°42	19° 3	27°13	7°56	4°41	13°53	14°58	27° 3	n.a.	S 21
S 22	3 12 55	18°21'43	9♍ 2	0°21	14°47	24°20	25°52	19° 8	27°12	7°56	4°43	13°51	14°55	27° 9	n.a.	S 22
M23	3 16 52	19°23'02	23°18	29♏35	16° 1	24°59	26° 2	19°13	27°11	7°56	4°44	13°49	14°52	27°16	n.a.	M23
T 24	3 20 48	20°24'22	7♎34	28°38	17°16	25°38	26°13	19°18	27° 9	7°55	4°45	13°46	14°48	27°23	n.a.	T 24
W25	3 24 45	21°25'41	21°44	27°32	18°30	26°17	26°23	19°23	27° 8	7°55	4°47	13°42	14°45	27°30	n.a.	W25
T 26	3 28 42	22°27'00	5♏44	26°19	19°45	26°56	26°33	19°28	27° 7	7°55	4°48	13°39	14°42	27°36	n.a.	T 26
F 27	3 32 38	23°28'19	19°31	25° 2	20°59	27°35	26°43	19°33	27° 6	7°55	4°49	13°37	14°39	27°43	n.a.	F 27
S 28	3 36 35	24°29'38	3♐ 2	23°41	22°13	28°14	26°52	19°38	27° 5	7°55	4°51	13°35	14°36	27°50	n.a.	S 28
S 29	3 40 31	25°30'56	16°13	22°22	23°28	28°53	27° 2	19°44	27° 4	7°54	4°52	13°D35	14°33	27°56	n.a.	S 29
M30	3 44 28	26♏32'14	29♐ 5	21♏ 4	24♐42	29♍32	27♍12	19♑49	27♓ 3	7♓54	4♑54	13♊35	14♊29	28♒ 3	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s33	21s34	0n33	18s37	2s17	18s29	0s51	8n54	1n20	4n26	1n17	23s56	1s17	1s32	0s42	10s26	1s56	32s51	9s 4	22n57	23n 7	17s59		n.a.
M 2	10 55	24 12	0s37	19 4	2 18	18 52	0 53	8 39	1 20	4 21	1 17	23 56	1 17	1 33	0 42	10 27	1 56	32 51	9 4	22 57	23 7	17 57		n.a.
T 3	11 18	25 31	1 43	19 29	2 18	19 15	0 55	8 24	1 20	4 17	1 18	23 55	1 17	1 33	0 42	10 27	1 56	32 51	9 4	22 57	23 6	17 55		n.a.
W 4	11 40	25 33	2 43	19 53	2 18	19 37	0 58	8 9	1 20	4 12	1 18	23 55	1 17	1 34	0 42	10 27	1 56	32 51	9 4	22 57	23 6	17 53		n.a.
T 5	12 1	24 22	3 34	20 15	2 17	19 59	1 0	7 53	1 20	4 7	1 18	23 54	1 17	1 35	0 42	10 28	1 56	32 50	9 4	22 57	23 6	17 51		n.a.
F 6	12 23	22 6	4 16	20 35	2 16	20 20	1 2	7 38	1 20	4 3	1 18	23 54	1 17	1 36	0 42	10 28	1 56	32 50	9 3	22 57	23 5	17 49		n.a.
S 7	12 45	18 55	4 46	20 53	2 13	20 40	1 4	7 23	1 20	3 58	1 18	23 53	1 17	1 37	0 42	10 28	1 56	32 50	9 3	22 57	23 5	17 47		n.a.
S 8	13 6	14 58	5 4	21 9	2 10	21 0	1 6	7 7	1 19	3 54	1 18	23 53	1 17	1 37	0 42	10 28	1 55	32 50	9 3	22 56	23 5	17 45		n.a.
M 9	13 27	10 24	5 10	21 23	2 6	21 19	1 8	6 52	1 19	3 49	1 18	23 52	1 17	1 38	0 42	10 29	1 55	32 50	9 3	22 56	23 4	17 43		n.a.
T 10	13 47	5 24	5 1	21 35	2 1	21 38	1 11	6 37	1 19	3 45	1 18	23 51	1 17	1 39	0 42	10 29	1 55	32 50	9 3	22 55	23 4	17 41		n.a.
W11	14 8	0 6	4 38	21 44	1 55	21 56	1 13	6 21	1 19	3 40	1 18	23 51	1 17	1 39	0 42	10 29	1 55	32 49	9 3	22 54	23 3	17 39		n.a.
T 12	14 28	5n19	4 2	21 51	1 48	22 13	1 14	6 6	1 19	3 36	1 19	23 50	1 17	1 40	0 42	10 29	1 55	32 49	9 2	22 53	23 3	17 37		n.a.
F 13	14 48	10 37	3 13	21 55	1 39	22 30	1 16	5 50	1 19	3 31	1 19	23 50	1 16	1 41	0 42	10 29	1 55	32 49	9 2	22 52	23 3	17 35		n.a.
S 14	15 8	15 33	2 13	21 55	1 30	22 46	1 18	5 35	1 19	3 27	1 19	23 49	1 16	1 41	0 42	10 30	1 55	32 49	9 2	22 52	23 2	17 33		n.a.
S 15	15 27	19 51	1 5	21 53	1 19	23 1	1 20	5 19	1 19	3 23	1 19	23 48	1 16	1 42	0 42	10 30	1 55	32 49	9 2	22 52	23 2	17 30		n.a.
M16	15 47	23 11	0n 8	21 48	1 7	23 16	1 22	5 3	1 19	3 18	1 19	23 48	1 16	1 43	0 42	10 30	1 55	32 48	9 2	22 52	23 2	17 28		n.a.
T 17	16 6	25 13	1 22	21 39	0 53	23 30	1 24	4 48	1 19	3 14	1 19	23 47	1 16	1 43	0 42	10 30	1 55	32 48	9 2	22 52	23 1	17 26		n.a.
W18	16 24	25 46	2 32	21 27	0 38	23 43	1 25	4 32	1 19	3 10	1 19	23 46	1 16	1 44	0 42	10 30	1 55	32 48	9 2	22 52	23 1	17 24		n.a.
T 19	16 43	24 41	3 33	21 11	0 22	23 56	1 27	4 16	1 19	3 6	1 20	23 46	1 16	1 44	0 42	10 30	1 55	32 48	9 2	22 52	23 1	17 22		n.a.
F 20	17 1	22 5	4 23	20 52	0 4	24 8	1 28	4 1	1 19	3 2	1 20	23 45	1 16	1 45	0 41	10 30	1 55	32 48	9 1	22 52	23 0	17 20		n.a.
S 21	17 18	18 8	4 57	20 29	0n14	24 19	1 30	3 45	1 19	2 58	1 20	23 44	1 16	1 45	0 41	10 31	1 55	32 48	9 1	22 52	23 0	17 18		n.a.
S 22	17 36	13 8	5 13	20 2	0 33	24 29	1 31	3 29	1 18	2 53	1 20	23 44	1 16	1 46	0 41	10 31	1 55	32 47	9 1	22 52	23 0	17 16		n.a.
M23	17 53	7 25	5 10	19 33	0 53	24 39	1 33	3 13	1 18	2 49	1 20	23 43	1 16	1 46	0 41	10 31	1 55	32 47	9 1	22 52	22 59	17 14		n.a.
T 24	18 10	1 20	4 47	19 1	1 14	24 48	1 34	2 57	1 18	2 45	1 20	23 42	1 16	1 47	0 41	10 31	1 55	32 47	9 1	22 51	22 59	17 11		n.a.
W25	18 26	4s48	4 8	18 27	1 33	24 56	1 35	2 42	1 18	2 41	1 20	23 41	1 16	1 47	0 41	10 31	1 55	32 47	9 1	22 51	22 58	17 9		n.a.
T 26	18 42	10 38	3 13	17 51	1 52	25 4	1 36	2 26	1 18	2 38	1 21	23 40	1 16	1 48	0 41	10 31	1 54	32 47	9 1	22 51	22 58	17 7		n.a.
F 27	18 58	15 52	2 9	17 15	2 10	25 10	1 38	2 10	1 18	2 34	1 21	23 40	1 16	1 48	0 41	10 31	1 54	32 47	9 1	22 50	22 58	17 5		n.a.
S 28	19 14	20 11	0 58	16 40	2 27	25 16	1 39	1 54	1 18	2 30	1 21	23 39	1 16	1 48	0 41	10 31	1 54	32 47	9 1	22 50	22 57	17 3		n.a.
S 29	19 29	23 23	0s15	16 6	2 41	25 21	1 40	1 38	1 18	2 26	1 21	23 38	1 16	1 49	0 41	10 31	1 54	32 46	9 0	22 50	22 57	17 1		n.a.
M30	19s43	25s16	1s25	15s34	2n53	25s26	1s41	1n22	1n17	2n22	1n21	23s37	1s16	1s49	0s41	10s31	1s54	32s46	9s 0	22n50	22n57	16s59		n.a.

Julian Day Number = 1201611.5, Delta T = 09h21m57s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'45, Lahiri = -23°35'45 Julian Calendar 1 Nov. 1424 BCE == Greg. Calendar 19 Oct. 1424 BCE

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ASTRODIENST EPHEMERIS for the year 1424 BCE
geocentric

DECEMBER 1424 BCE (-1423) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 48 24	27♏33'31	11♉38	19°R52	25♐56	0♎11	27♍21	19♉55	27°R 2	7°D54	4♉55	13♊37	14♊26	28♒10	n.a.	T 1
W 2	3 52 21	28°34'48	23°56	18♏47	27°11	0°49	27°31	20° 0	27♓ 1	7♓54	4°57	13°38	14°23	28°17	n.a.	W 2
T 3	3 56 18	29°36'04	6♒ 1	17°50	28°25	1°28	27°40	20° 6	27° 0	7°54	4°58	13°39	14°20	28°23	n.a.	T 3
F 4	4 0 14	0♐37'18	17°57	17° 2	29°39	2° 7	27°49	20°11	27° 0	7°55	4°59	13°40	14°17	28°30	n.a.	F 4
S 5	4 4 11	1°38'32	29°49	16°23	0♉53	2°46	27°58	20°17	26°59	7°55	5° 1	13°R41	14°13	28°37	n.a.	S 5
S 6	4 8 7	2°39'45	11♓42	15°54	2° 7	3°25	28° 7	20°23	26°58	7°55	5° 3	13°41	14°10	28°44	n.a.	S 6
M 7	4 12 4	3°40'57	23°41	15°35	3°21	4° 4	28°16	20°29	26°58	7°55	5° 4	13°40	14° 7	28°50	n.a.	M 7
T 8	4 16 0	4°42'08	5♈50	15°24	4°35	4°43	28°25	20°35	26°57	7°55	5° 6	13°39	14° 4	28°57	n.a.	T 8
W 9	4 19 57	5°43'18	18°12	15°D23	5°49	5°22	28°33	20°41	26°57	7°55	5° 7	13°38	14° 1	29° 4	n.a.	W 9
T 10	4 23 53	6°44'27	0♉51	15°29	7° 3	6° 0	28°42	20°47	26°56	7°56	5° 9	13°37	13°58	29°10	n.a.	T 10
F 11	4 27 50	7°45'34	13°49	15°44	8°17	6°39	28°50	20°53	26°56	7°56	5°10	13°36	13°54	29°17	n.a.	F 11
S 12	4 31 47	8°46'41	27° 7	16° 5	9°31	7°18	28°58	20°59	26°56	7°56	5°12	13°35	13°51	29°24	n.a.	S 12
S 13	4 35 43	9°47'47	10♊43	16°32	10°45	7°57	29° 6	21° 5	26°55	7°57	5°14	13°D35	13°48	29°31	n.a.	S 13
M14	4 39 40	10°48'52	24°36	17° 5	11°59	8°36	29°14	21°12	26°55	7°57	5°15	13°35	13°45	29°37	n.a.	M14
T 15	4 43 36	11°49'56	8♋41	17°44	13°12	9°15	29°22	21°18	26°55	7°58	5°17	13°35	13°42	29°44	n.a.	T 15
W16	4 47 33	12°50'59	22°56	18°27	14°26	9°54	29°30	21°24	26°55	7°58	5°18	13°36	13°39	29°51	n.a.	W16
T 17	4 51 29	13°52'01	7♌15	19°14	15°40	10°32	29°37	21°31	26°55	7°59	5°20	13°R36	13°35	29°57	n.a.	T 17
F 18	4 55 26	14°53'03	21°35	20° 5	16°53	11°11	29°45	21°37	26°D55	7°59	5°22	13°36	13°32	0♓ 4	n.a.	F 18
S 19	4 59 23	15°54'03	5♍51	21° 0	18° 7	11°50	29°52	21°44	26°55	8° 0	5°23	13°35	13°29	0°11	n.a.	S 19
S 20	5 3 19	16°55'02	20° 2	21°58	19°20	12°29	29°59	21°50	26°55	8° 1	5°25	13°D35	13°26	0°18	n.a.	S 20
M21	5 7 16	17°56'01	4♎ 5	22°59	20°34	13° 8	0♎ 6	21°57	26°55	8° 1	5°27	13°36	13°23	0°24	n.a.	M21
T 22	5 11 12	18°56'58	17°59	24° 2	21°47	13°47	0°13	22° 4	26°55	8° 2	5°29	13°36	13°19	0°31	n.a.	T 22
W23	5 15 9	19°57'55	1♏42	25° 8	23° 1	14°25	0°19	22°11	26°55	8° 3	5°30	13°37	13°16	0°38	n.a.	W23
T 24	5 19 5	20°58'50	15°13	26°16	24°14	15° 4	0°26	22°17	26°56	8° 3	5°32	13°37	13°13	0°44	n.a.	T 24
F 25	5 23 2	21°59'44	28°32	27°26	25°27	15°43	0°32	22°24	26°56	8° 4	5°34	13°38	13°10	0°51	n.a.	F 25
S 26	5 26 58	23° 0'38	11♐38	28°38	26°40	16°22	0°38	22°31	26°56	8° 5	5°35	13°R38	13° 7	0°58	n.a.	S 26
S 27	5 30 55	24° 1'29	24°31	29°52	27°53	17° 0	0°45	22°38	26°57	8° 6	5°37	13°38	13° 4	1° 5	n.a.	S 27
M28	5 34 52	25° 2'20	7♑ 9	1♐ 7	29° 7	17°39	0°50	22°45	26°57	8° 7	5°39	13°37	13° 0	1°11	n.a.	M28
T 29	5 38 48	26° 3'08	19°35	2°24	0♒20	18°18	0°56	22°52	26°58	8° 8	5°41	13°36	12°57	1°18	n.a.	T 29
W30	5 42 45	27° 3'55	1♒49	3°42	1°33	18°57	1° 2	22°59	26°58	8° 9	5°42	13°34	12°54	1°25	n.a.	W30
T 31	5 46 41	28♐ 4'41	13♒52	5♐ 2	2♒45	19♎35	1♎ 7	23♑ 6	26♓59	8♓10	5♑44	13♊31	12♊51	1♓32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	19s58	25s49	2s29	15s 5	3n 3	25s29	1s41	1n 6	1n17	2n19	1n21	23s36	1s16	1s50	0s41	10s31	1s54	32s46	9s 0	22n50	22n56	16s56			n.a.
W 2	20 12	25 4	3 25	14 40	3 10	25 32	1 42	0 51	1 17	2 15	1 22	23 35	1 16	1 50	0 41	10 31	1 54	32 46	9 0	22 50	22 56	16 54			n.a.
T 3	20 25	23 9	4 11	14 19	3 15	25 34	1 43	0 35	1 17	2 11	1 22	23 35	1 16	1 50	0 41	10 31	1 54	32 46	9 0	22 51	22 55	16 52			n.a.
F 4	20 38	20 14	4 45	14 3	3 18	25 35	1 44	0 19	1 17	2 8	1 22	23 34	1 16	1 50	0 41	10 31	1 54	32 46	9 0	22 51	22 55	16 50			n.a.
S 5	20 51	16 31	5 7	13 51	3 19	25 36	1 44	0 3	1 17	2 4	1 22	23 33	1 16	1 51	0 41	10 30	1 54	32 45	9 0	22 51	22 55	16 48			n.a.
S 6	21 4	12 9	5 16	13 44	3 18	25 35	1 45	0s13	1 16	2 1	1 22	23 32	1 16	1 51	0 41	10 30	1 54	32 45	9 0	22 51	22 54	16 45			n.a.
M 7	21 16	7 18	5 12	13 40	3 16	25 34	1 45	0 29	1 16	1 58	1 23	23 31	1 16	1 51	0 41	10 30	1 54	32 45	9 0	22 51	22 54	16 43			n.a.
T 8	21 27	2 7	4 53	13 41	3 12	25 32	1 45	0 45	1 16	1 54	1 23	23 30	1 16	1 51	0 41	10 30	1 54	32 45	9 0	22 51	22 54	16 41			n.a.
W 9	21 38	3n15	4 21	13 45	3 7	25 30	1 46	1 1	1 16	1 51	1 23	23 29	1 16	1 51	0 41	10 30	1 54	32 45	9 0	22 50	22 53	16 39			n.a.
T 10	21 49	8 37	3 35	13 53	3 1	25 26	1 46	1 16	1 16	1 48	1 23	23 28	1 16	1 52	0 41	10 30	1 54	32 45	9 0	22 50	22 53	16 37			n.a.
F 11	21 59	13 46	2 38	14 3	2 54	25 22	1 46	1 32	1 15	1 45	1 23	23 27	1 16	1 52	0 41	10 30	1 54	32 45	9 0	22 50	22 52	16 34			n.a.
S 12	22 9	18 24	1 30	14 17	2 47	25 17	1 46	1 48	1 15	1 41	1 23	23 26	1 16	1 52	0 41	10 29	1 53	32 45	9 0	22 50	22 52	16 32			n.a.
S 13	22 19	22 11	0 16	14 32	2 39	25 11	1 46	2 4	1 15	1 38	1 24	23 25	1 16	1 52	0 41	10 29	1 53	32 44	9 0	22 50	22 52	16 30			n.a.
M14	22 28	24 46	1n 1	14 49	2 31	25 4	1 46	2 20	1 15	1 35	1 24	23 24	1 16	1 52	0 41	10 29	1 53	32 44	8 59	22 50	22 51	16 28			n.a.
T 15	22 36	25 49	2 15	15 9	2 22	24 57	1 46	2 35	1 14	1 32	1 24	23 23	1 16	1 52	0 41	10 29	1 53	32 44	8 59	22 50	22 51	16 25			n.a.
W16	22 44	25 11	3 21	15 29	2 13	24 49	1 45	2 51	1 14	1 29	1 24	23 22	1 16	1 52	0 41	10 28	1 53	32 44	8 59	22 50	22 50	16 23			n.a.
T 17	22 52	22 54	4 16	15 51	2 4	24 40	1 45	3 7	1 14	1 27	1 24	23 21	1 16	1 52	0 40	10 28	1 53	32 44	8 59	22 50	22 50	16 21			n.a.
F 18	22 59	19 11	4 54	16 14	1 55	24 30	1 45	3 23	1 14	1 24	1 25	23 20	1 15	1 52	0 40	10 28	1 53	32 44	8 59	22 50	22 50	16 19			n.a.
S 19	23 6	14 22	5 14	16 37	1 46	24 20	1 44	3 38	1 13	1 21	1 25	23 19	1 15	1 52	0 40	10 28	1 53	32 44	8 59	22 50	22 49	16 16			n.a.
S 20	23 12	8 49	5 15	17 2	1 37	24 9	1 44	3 54	1 13	1 18	1 25	23 18	1 15	1 52	0 40	10 27	1 53	32 44	8 59	22 50	22 49	16 14			n.a.
M21	23 18	2 53	4 57	17 26	1 27	23 57	1 43	4 10	1 13	1 16	1 25	23 17	1 15	1 52	0 40	10 27	1 53	32 44	8 59	22 50	22 48	16 12			n.a.
T 22	23 24	3s 9	4 22	17 51	1 18	23 45	1 42	4 25	1 12	1 13	1 26	23 16	1 15	1 52	0 40	10 27	1 53	32 44	8 59	22 50	22 48	16 10			n.a.
W23	23 29	8 58	3 32	18 16	1 9	23 31	1 41	4 41	1 12	1 11	1 26	23 15	1 16	1 52	0 40	10 26	1 53	32 43	8 59	22 50	22 48	16 7			n.a.
T 24	23 33	14 17	2 31	18 42	1 0	23 18	1 40	4 56	1 12	1 8	1 26	23 13	1 16	1 51	0 40	10 26	1 53	32 43	8 59	22 50	22 47	16 5			n.a.
F 25	23 37	18 51	1 23	19 7	0 51	23 3	1 39	5 12	1 11	1 6	1 26	23 12	1 16	1 51	0 40	10 26	1 53	32 43	8 59	22 50	22 47	16 3			n.a.
S 26	23 40	22 24	0 11	19 32	0 42	22 48	1 38	5 27	1 11	1 3	1 26	23 11	1 16	1 51	0 40	10 25	1 53	32 43	8 59	22 50	22 46	16 1			n.a.
S 27	23 43	24 45	1s 0	19 57	0 33	22 32	1 37	5 43	1 11	1 1	1 27	23 10	1 16	1 51	0 40	10 25	1 53	32 43	8 59	22 50	22 46	15 58			n.a.
M28	23 46	25 46	2 7	20 21	0 24	22 15	1 36	5 58	1 10	0 59	1 27	23 9	1 16	1 51	0 40	10 24	1 53	32 43	8 59	22 50	22 46	15 56			n.a.
T 29	23 48	25 28	3 6	20 45	0 16	21 58	1 34	6 13	1 10	0 57	1 27	23 8	1 16	1 50	0 40	10 24	1 52	32 43	8 59	22 50	22 45	15 54			n.a.
W30	23 50	23 56	3 56	21 9	0 7	21 41	1 33	6 29	1 10	0 55	1 27	23 6	1 16	1 50	0 40	10 24	1 52	32 43	8 59	22 50	22 45	15 51			n.a.
T 31	23s51	21s19	4s34	21s32	0s 1	21s22	1s31	6s44	1n 9	0n53	1n28	23s 5	1s16	1s50	0s40	10s23	1s52	32s43	8s59	22n50	22n44	15s49			n.a.

Julian Day Number = 1201641.5, Delta T = 09h21m55s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'41, Lahiri = -23°35'41 Julian Calendar 1 Dec. 1424 BCE == Greg. Calendar 18 Nov. 1424 BCE

The year -1423 astronomical counting style corresponds to year 1424 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

JANUARY 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 50 38	29♐ 5'24	25♒48	6♐23	3♒58	20♎14	1♎13	23♑13	27♓ 0	8♓11	5♑46	13°R29	12♊48	1♓38	n.a.	F 1
S 2	5 54 34	0♑ 6'06	7♓41	7°45	5°11	20°53	1°18	23°20	27° 1	8°12	5°48	13♊27	12°45	1°45	n.a.	S 2
S 3	5 58 31	1° 6'46	19°33	9° 8	6°24	21°31	1°23	23°27	27° 1	8°13	5°49	13°26	12°41	1°52	n.a.	S 3
M 4	6 2 27	2° 7'23	1♈30	10°32	7°36	22°10	1°27	23°34	27° 2	8°14	5°51	13°D25	12°38	1°58	n.a.	M 4
T 5	6 6 24	3° 7'59	13°36	11°58	8°49	22°49	1°32	23°41	27° 3	8°15	5°53	13°26	12°35	2° 5	n.a.	T 5
W 6	6 10 21	4° 8'33	25°56	13°24	10° 1	23°27	1°36	23°49	27° 4	8°16	5°55	13°27	12°32	2°12	n.a.	W 6
T 7	6 14 17	5° 9'05	8♉34	14°52	11°14	24° 6	1°41	23°56	27° 5	8°18	5°56	13°29	12°29	2°19	n.a.	T 7
F 8	6 18 14	6° 9'35	21°34	16°21	12°26	24°44	1°45	24° 3	27° 6	8°19	5°58	13°30	12°25	2°25	n.a.	F 8
S 9	6 22 10	7°10'03	4♊58	17°50	13°38	25°23	1°49	24°10	27° 7	8°20	6° 0	13°31	12°22	2°32	n.a.	S 9
S 10	6 26 7	8°10'29	18°48	19°21	14°50	26° 1	1°52	24°18	27° 8	8°21	6° 2	13°R31	12°19	2°39	n.a.	S 10
M11	6 30 3	9°10'54	3♋ 0	20°52	16° 2	26°40	1°56	24°25	27°10	8°23	6° 3	13°30	12°16	2°46	n.a.	M11
T 12	6 34 0	10°11'16	17°31	22°25	17°14	27°18	1°59	24°32	27°11	8°24	6° 5	13°28	12°13	2°52	n.a.	T 12
W13	6 37 57	11°11'37	2♌15	23°58	18°26	27°57	2° 3	24°40	27°12	8°25	6° 7	13°24	12°10	2°59	n.a.	W13
T 14	6 41 53	12°11'55	17° 4	25°33	19°38	28°35	2° 6	24°47	27°14	8°27	6° 9	13°20	12° 6	3° 6	n.a.	T 14
F 15	6 45 50	13°12'12	1♍50	27° 8	20°50	29°14	2° 9	24°55	27°15	8°28	6°10	13°16	12° 3	3°12	n.a.	F 15
S 16	6 49 46	14°12'27	16°27	28°45	22° 1	29°52	2°11	25° 2	27°17	8°30	6°12	13°12	12° 0	3°19	n.a.	S 16
S 17	6 53 43	15°12'41	0♎48	0♑22	23°13	0♏31	2°14	25° 9	27°18	8°31	6°14	13°10	11°57	3°26	n.a.	S 17
M18	6 57 39	16°12'53	14°53	2° 0	24°24	1° 9	2°16	25°17	27°20	8°33	6°16	13°D 9	11°54	3°33	n.a.	M18
T 19	7 1 36	17°13'03	28°38	3°40	25°35	1°48	2°18	25°24	27°21	8°34	6°17	13°10	11°51	3°39	n.a.	T 19
W20	7 5 32	18°13'11	12♏ 6	5°20	26°47	2°26	2°20	25°32	27°23	8°36	6°19	13°11	11°47	3°46	n.a.	W20
T 21	7 9 29	19°13'18	25°17	7° 2	27°58	3° 4	2°22	25°39	27°24	8°37	6°21	13°13	11°44	3°53	n.a.	T 21
F 22	7 13 25	20°13'23	8♐13	8°45	29° 9	3°43	2°24	25°47	27°26	8°39	6°23	13°R14	11°41	3°59	n.a.	F 22
S 23	7 17 22	21°13'26	20°56	10°28	0♓20	4°21	2°25	25°54	27°28	8°41	6°24	13°13	11°38	4° 6	n.a.	S 23
S 24	7 21 19	22°13'28	3♑28	12°13	1°30	4°59	2°26	26° 2	27°30	8°42	6°26	13°12	11°35	4°13	n.a.	S 24
M25	7 25 15	23°13'27	15°51	13°59	2°41	5°37	2°27	26° 9	27°32	8°44	6°28	13° 7	11°31	4°20	n.a.	M25
T 26	7 29 12	24°13'24	28° 4	15°46	3°52	6°15	2°28	26°17	27°34	8°46	6°29	13° 2	11°28	4°26	n.a.	T 26
W27	7 33 8	25°13'19	10♒10	17°34	5° 2	6°54	2°29	26°24	27°36	8°48	6°31	12°54	11°25	4°33	n.a.	W27
T 28	7 37 5	26°13'12	22° 9	19°23	6°12	7°32	2°29	26°32	27°38	8°49	6°33	12°45	11°22	4°40	n.a.	T 28
F 29	7 41 1	27°13'03	4♓ 3	21°13	7°23	8°10	2°30	26°39	27°40	8°51	6°34	12°37	11°19	4°47	n.a.	F 29
S 30	7 44 58	28°12'51	15°55	23° 5	8°33	8°48	2°R30	26°47	27°42	8°53	6°36	12°29	11°16	4°53	n.a.	S 30
S 31	7 48 54	29♑12'37	27♓46	24♑57	9♓42	9♏26	2♎29	26♑54	27♓44	8♓55	6♑38	12♊23	11♊12	5♓ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s52	17s50	5s 1	21s54	0s 9	21s 3	1s30	6s59	1n 9	0n51	1n28	23s 4	1s16	1s49	0s40	10s23	1s52	32s43	8s59	22n49	22n44	15s47		n.a.
S 2	23 52	13 40	5 14	22 16	0 17	20 44	1 28	7 14	1 8	0 49	1 28	23 3	1 16	1 49	0 40	10 22	1 52	32 43	8 59	22 49	22 44	15 44		n.a.
S 3	23 51	9 0	5 14	22 37	0 24	20 24	1 26	7 29	1 8	0 47	1 28	23 2	1 16	1 49	0 40	10 22	1 52	32 43	8 59	22 49	22 43	15 42		n.a.
M 4	23 51	3 58	5 0	22 57	0 32	20 3	1 24	7 44	1 8	0 46	1 29	23 0	1 16	1 48	0 40	10 21	1 52	32 43	8 59	22 49	22 43	15 40		n.a.
T 5	23 49	1n17	4 33	23 16	0 39	19 42	1 23	7 59	1 7	0 44	1 29	22 59	1 16	1 48	0 40	10 21	1 52	32 43	9 0	22 49	22 42	15 37		n.a.
W 6	23 48	6 35	3 53	23 34	0 46	19 20	1 21	8 14	1 7	0 42	1 29	22 58	1 16	1 47	0 40	10 20	1 52	32 43	9 0	22 49	22 42	15 35		n.a.
T 7	23 46	11 46	3 1	23 51	0 52	18 58	1 18	8 29	1 6	0 41	1 29	22 57	1 16	1 47	0 40	10 20	1 52	32 43	9 0	22 49	22 42	15 33		n.a.
F 8	23 43	16 35	1 58	24 7	0 59	18 35	1 16	8 44	1 6	0 39	1 29	22 55	1 16	1 47	0 40	10 19	1 52	32 43	9 0	22 49	22 41	15 30		n.a.
S 9	23 40	20 44	0 47	24 22	1 5	18 12	1 14	8 59	1 5	0 38	1 30	22 54	1 16	1 46	0 40	10 19	1 52	32 43	9 0	22 50	22 41	15 28		n.a.
S 10	23 36	23 52	0n29	24 36	1 11	17 49	1 12	9 13	1 5	0 37	1 30	22 53	1 16	1 46	0 40	10 18	1 52	32 43	9 0	22 50	22 40	15 26		n.a.
M11	23 32	25 35	1 45	24 49	1 17	17 24	1 9	9 28	1 4	0 36	1 30	22 52	1 16	1 45	0 39	10 18	1 52	32 42	9 0	22 49	22 40	15 23		n.a.
T 12	23 28	25 36	2 56	25 0	1 22	17 0	1 7	9 42	1 4	0 34	1 30	22 50	1 16	1 44	0 39	10 17	1 52	32 42	9 0	22 49	22 39	15 21		n.a.
W13	23 23	23 50	3 56	25 10	1 27	16 35	1 4	9 57	1 3	0 33	1 31	22 49	1 16	1 44	0 39	10 17	1 52	32 42	9 0	22 49	22 39	15 19		n.a.
T 14	23 17	20 26	4 40	25 19	1 32	16 10	1 2	10 11	1 3	0 32	1 31	22 48	1 16	1 43	0 39	10 16	1 52	32 42	9 0	22 48	22 39	15 16		n.a.
F 15	23 12	15 46	5 6	25 26	1 36	15 44	0 59	10 26	1 2	0 31	1 31	22 46	1 16	1 43	0 39	10 15	1 52	32 42	9 0	22 48	22 38	15 14		n.a.
S 16	23 5	10 13	5 12	25 32	1 41	15 18	0 56	10 40	1 2	0 31	1 31	22 45	1 16	1 42	0 39	10 15	1 52	32 42	9 0	22 47	22 38	15 11		n.a.
S 17	22 59	4 13	4 58	25 36	1 44	14 51	0 53	10 54	1 1	0 30	1 32	22 44	1 16	1 41	0 39	10 14	1 52	32 42	9 0	22 47	22 37	15 9		n.a.
M18	22 51	1s53	4 26	25 39	1 48	14 24	0 50	11 8	1 0	0 29	1 32	22 42	1 16	1 41	0 39	10 14	1 51	32 42	9 0	22 47	22 37	15 7		n.a.
T 19	22 44	7 46	3 39	25 40	1 51	13 57	0 47	11 22	1 0	0 28	1 32	22 41	1 16	1 40	0 39	10 13	1 51	32 42	9 1	22 47	22 36	15 4		n.a.
W20	22 36	13 11	2 42	25 39	1 54	13 30	0 44	11 36	0 59	0 28	1 32	22 40	1 16	1 39	0 39	10 12	1 51	32 42	9 1	22 47	22 36	15 2		n.a.
T 21	22 27	17 52	1 36	25 36	1 56	13 2	0 41	11 50	0 59	0 27	1 33	22 38	1 16	1 39	0 39	10 12	1 51	32 42	9 1	22 47	22 36	14 59		n.a.
F 22	22 19	21 37	0 27	25 32	1 58	12 34	0 38	12 4	0 58	0 27	1 33	22 37	1 16	1 38	0 39	10 11	1 51	32 42	9 1	22 47	22 35	14 57		n.a.
S 23	22 9	24 15	0s42	25 26	2 0	12 5	0 34	12 18	0 57	0 27	1 33	22 35	1 16	1 37	0 39	10 10	1 51	32 43	9 1	22 47	22 35	14 55		n.a.
S 24	22 0	25 37	1 48	25 18	2 1	11 37	0 31	12 31	0 57	0 26	1 33	22 34	1 17	1 36	0 39	10 10	1 51	32 43	9 1	22 47	22 34	14 52		n.a.
M25	21 49	25 41	2 48	25 8	2 2	11 8	0 28	12 45	0 56	0 26	1 34	22 33	1 17	1 36	0 39	10 9	1 51	32 43	9 1	22 47	22 34	14 50		n.a.
T 26	21 39	24 29	3 39	24 56	2 2	10 39	0 24	12 58	0 55	0 26	1 34	22 31	1 17	1 35	0 39	10 8	1 51	32 43	9 1	22 46	22 33	14 47		n.a.
W27	21 28	22 10	4 19	24 42	2 2	10 9	0 21	13 12	0 55	0 26	1 34	22 30	1 17	1 34	0 39	10 8	1 51	32 43	9 1	22 45	22 33	14 45		n.a.
T 28	21 17	18 54	4 48	24 26	2 1	9 39	0 17	13 25	0 54	0 26	1 34	22 29	1 17	1 33	0 39	10 7	1 51	32 43	9 2	22 44	22 32	14 42		n.a.
F 29	21 5	14 54	5 4	24 8	2 0	9 10	0 13	13 38	0 53	0 26	1 35	22 27	1 17	1 32	0 39	10 6	1 51	32 43	9 2	22 43	22 32	14 40		n.a.
S 30	20 53	10 21	5 7	23 47	1 58	8 40	0 10	13 51	0 52	0 26	1 35	22 26	1 17	1 31	0 39	10 5	1 51	32 43	9 2	22 42	22 32	14 38		n.a.
S 31	20s41	5s25	4s57	23s25	1s56	8s 9	0s 6	14s 4	0n52	0n27	1n35	22s24	1s17	1s31	0s39	10s 5	1s51	32s43	9s 2	22n41	22n31	14s35		n.a.

Julian Day Number = 1201672.5, Delta T = 09h21m53s
Ecliptic obliquity = 23°51'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'37, Lahiri = -23°35'37 Julian Calendar 1 Jan. 1423 BCE == Greg. Calendar 19 Dec. 1424 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

FEBRUARY 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 52 51	0♒12'20	9♈42	26♉51	10♓52	10♏ 4	2°R29	27♉ 2	27♓46	8♓57	6♉39	12°R18	11♊ 9	5♓ 7	n.a.	M 1
T 2	7 56 48	1°12'01	21°45	28°46	12° 2	10°42	2♎29	27° 9	27°48	8°58	6°41	12♊16	11° 6	5°13	n.a.	T 2
W 3	8 0 44	2°11'40	4♉ 1	0♒41	13°11	11°20	2°28	27°17	27°50	9° 0	6°43	12°D15	11° 3	5°20	n.a.	W 3
T 4	8 4 41	3°11'16	16°34	2°38	14°21	11°57	2°27	27°24	27°53	9° 2	6°44	12°16	11° 0	5°27	n.a.	T 4
F 5	8 8 37	4°10'50	29°29	4°36	15°30	12°35	2°26	27°32	27°55	9° 4	6°46	12°17	10°57	5°34	n.a.	F 5
S 6	8 12 34	5°10'22	12♊50	6°35	16°39	13°13	2°25	27°39	27°57	9° 6	6°47	12°R18	10°53	5°40	n.a.	S 6
S 7	8 16 30	6° 9'51	26°39	8°34	17°48	13°51	2°23	27°47	28° 0	9° 8	6°49	12°17	10°50	5°47	n.a.	S 7
M 8	8 20 27	7° 9'18	10♋57	10°34	18°57	14°28	2°22	27°54	28° 2	9°10	6°51	12°14	10°47	5°54	n.a.	M 8
T 9	8 24 23	8° 8'42	25°40	12°35	20° 5	15° 6	2°20	28° 2	28° 5	9°12	6°52	12° 8	10°44	6° 1	n.a.	T 9
W10	8 28 20	9° 8'04	10♌42	14°35	21°13	15°44	2°18	28° 9	28° 7	9°14	6°54	12° 1	10°41	6° 7	n.a.	W10
T 11	8 32 17	10° 7'24	25°54	16°36	22°22	16°21	2°16	28°17	28°10	9°16	6°55	11°52	10°37	6°14	n.a.	T 11
F 12	8 36 13	11° 6'41	11♍ 4	18°37	23°30	16°59	2°14	28°24	28°12	9°18	6°57	11°43	10°34	6°21	n.a.	F 12
S 13	8 40 10	12° 5'57	26° 4	20°38	24°38	17°36	2°11	28°31	28°15	9°20	6°58	11°35	10°31	6°27	n.a.	S 13
S 14	8 44 6	13° 5'11	10♎44	22°38	25°45	18°14	2° 8	28°39	28°18	9°22	7° 0	11°29	10°28	6°34	n.a.	S 14
M15	8 48 3	14° 4'22	25° 0	24°37	26°53	18°51	2° 5	28°46	28°20	9°24	7° 1	11°25	10°25	6°41	n.a.	M15
T 16	8 51 59	15° 3'32	8♏50	26°34	28° 0	19°28	2° 2	28°53	28°23	9°26	7° 3	11°24	10°22	6°48	n.a.	T 16
W17	8 55 56	16° 2'40	22°15	28°30	29° 7	20° 6	1°59	29° 1	28°26	9°28	7° 4	11°D24	10°18	6°54	n.a.	W17
T 18	8 59 52	17° 1'46	5♐18	0♓24	0♈14	20°43	1°56	29° 8	28°28	9°30	7° 6	11°R24	10°15	7° 1	n.a.	T 18
F 19	9 3 49	18° 0'50	18° 2	2°15	1°21	21°20	1°52	29°15	28°31	9°33	7° 7	11°24	10°12	7° 8	n.a.	F 19
S 20	9 7 45	18°59'52	0♉31	4° 3	2°27	21°57	1°48	29°23	28°34	9°35	7° 8	11°22	10° 9	7°15	n.a.	S 20
S 21	9 11 42	19°58'53	12°49	5°48	3°33	22°34	1°45	29°30	28°37	9°37	7°10	11°18	10° 6	7°21	n.a.	S 21
M22	9 15 39	20°57'51	24°58	7°29	4°40	23°11	1°40	29°37	28°40	9°39	7°11	11°11	10° 3	7°28	n.a.	M22
T 23	9 19 35	21°56'47	7♒ 0	9° 6	5°45	23°48	1°36	29°44	28°43	9°41	7°12	11° 1	9°59	7°35	n.a.	T 23
W24	9 23 32	22°55'41	18°58	10°39	6°51	24°25	1°32	29°51	28°46	9°43	7°14	10°49	9°56	7°41	n.a.	W24
T 25	9 27 28	23°54'33	0♓52	12° 7	7°56	25° 2	1°27	29°58	28°49	9°46	7°15	10°36	9°53	7°48	n.a.	T 25
F 26	9 31 25	24°53'22	12°44	13°30	9° 1	25°38	1°22	0♒ 5	28°52	9°48	7°16	10°22	9°50	7°55	n.a.	F 26
S 27	9 35 21	25°52'10	24°36	14°47	10° 6	26°15	1°18	0°13	28°55	9°50	7°18	10° 9	9°47	8° 2	n.a.	S 27
S 28	9 39 18	26♒50'55	6♈29	16♓ 0	11♈11	26♏51	1♎13	0♒20	28♓58	9♓52	7♉19	9♊58	9♊43	8♓ 8	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s28	0s16	4s34	23s 1	1s53	7s39	0s 2	14s17	0n51	0n27	1n35	22s23	1s17	1s30	0s39	10s 4	1s51	32s43	9s 2	22n40	22n31	14s33		n.a.
T 2	20 15	4n57	3 58	22 34	1 50	7 9	0n 2	14 30	0 50	0 27	1 36	22 21	1 17	1 29	0 39	10 3	1 51	32 43	9 2	22 40	22 30	14 30		n.a.
W 3	20 1	10 5	3 11	22 5	1 46	6 38	0 6	14 43	0 49	0 28	1 36	22 20	1 17	1 28	0 39	10 2	1 51	32 43	9 2	22 40	22 30	14 28		n.a.
T 4	19 47	14 57	2 14	21 34	1 42	6 7	0 10	14 56	0 48	0 28	1 36	22 19	1 17	1 27	0 39	10 2	1 51	32 43	9 3	22 40	22 29	14 25		n.a.
F 5	19 33	19 17	1 8	21 1	1 37	5 36	0 14	15 8	0 48	0 29	1 36	22 17	1 17	1 26	0 39	10 1	1 51	32 43	9 3	22 40	22 29	14 23		n.a.
S 6	19 19	22 47	0n 3	20 26	1 31	5 5	0 18	15 20	0 47	0 30	1 37	22 16	1 17	1 25	0 39	10 0	1 51	32 43	9 3	22 40	22 28	14 20		n.a.
S 7	19 4	25 5	1 16	19 48	1 25	4 34	0 22	15 33	0 46	0 31	1 37	22 14	1 18	1 24	0 39	9 59	1 51	32 43	9 3	22 40	22 28	14 18		n.a.
M 8	18 49	25 51	2 27	19 9	1 18	4 3	0 26	15 45	0 45	0 31	1 37	22 13	1 18	1 23	0 39	9 59	1 51	32 43	9 3	22 40	22 27	14 15		n.a.
T 9	18 33	24 50	3 31	18 28	1 11	3 32	0 30	15 57	0 44	0 32	1 37	22 11	1 18	1 22	0 38	9 58	1 51	32 43	9 3	22 39	22 27	14 13		n.a.
W10	18 17	22 2	4 20	17 44	1 3	3 1	0 34	16 9	0 43	0 33	1 37	22 10	1 18	1 21	0 38	9 57	1 51	32 44	9 4	22 38	22 27	14 10		n.a.
T 11	18 1	17 41	4 53	17 0	0 54	2 30	0 39	16 21	0 42	0 34	1 38	22 9	1 18	1 20	0 38	9 56	1 51	32 44	9 4	22 37	22 26	14 8		n.a.
F 12	17 45	12 13	5 4	16 13	0 45	1 58	0 43	16 33	0 41	0 36	1 38	22 7	1 18	1 19	0 38	9 55	1 51	32 44	9 4	22 35	22 26	14 5		n.a.
S 13	17 28	6 5	4 55	15 25	0 35	1 27	0 47	16 44	0 40	0 37	1 38	22 6	1 18	1 18	0 38	9 55	1 51	32 44	9 4	22 34	22 25	14 3		n.a.
S 14	17 11	0s15	4 26	14 36	0 25	0 56	0 51	16 56	0 39	0 38	1 38	22 4	1 18	1 17	0 38	9 54	1 51	32 44	9 4	22 33	22 25	14 0		n.a.
M15	16 54	6 25	3 41	13 46	0 14	0 25	0 56	17 7	0 38	0 39	1 39	22 3	1 18	1 15	0 38	9 53	1 51	32 44	9 5	22 33	22 24	13 58		n.a.
T 16	16 36	12 6	2 44	12 55	0 2	0n 7	1 0	17 19	0 37	0 41	1 39	22 1	1 18	1 14	0 38	9 52	1 50	32 44	9 5	22 33	22 24	13 55		n.a.
W17	16 18	17 3	1 40	12 4	0n 9	0 38	1 5	17 30	0 36	0 42	1 39	22 0	1 18	1 13	0 38	9 51	1 50	32 44	9 5	22 33	22 23	13 53		n.a.
T 18	16 0	21 2	0 32	11 12	0 21	1 9	1 9	17 41	0 35	0 44	1 39	21 58	1 19	1 12	0 38	9 51	1 50	32 44	9 5	22 33	22 23	13 50		n.a.
F 19	15 42	23 54	0s35	10 21	0 33	1 40	1 13	17 52	0 34	0 46	1 39	21 57	1 19	1 11	0 38	9 50	1 50	32 45	9 5	22 33	22 22	13 48		n.a.
S 20	15 24	25 32	1 40	9 29	0 46	2 11	1 18	18 3	0 33	0 47	1 40	21 56	1 19	1 10	0 38	9 49	1 50	32 45	9 6	22 33	22 22	13 45		n.a.
S 21	15 5	25 52	2 39	8 39	0 58	2 42	1 22	18 14	0 32	0 49	1 40	21 54	1 19	1 9	0 38	9 48	1 50	32 45	9 6	22 32	22 21	13 43		n.a.
M22	14 46	24 57	3 29	7 49	1 11	3 12	1 27	18 24	0 31	0 51	1 40	21 53	1 19	1 7	0 38	9 47	1 50	32 45	9 6	22 31	22 21	13 40		n.a.
T 23	14 26	22 52	4 10	7 1	1 23	3 43	1 31	18 35	0 29	0 53	1 40	21 51	1 19	1 6	0 38	9 46	1 50	32 45	9 6	22 30	22 21	13 38		n.a.
W24	14 7	19 49	4 39	6 15	1 35	4 14	1 36	18 45	0 28	0 55	1 40	21 50	1 19	1 5	0 38	9 45	1 50	32 45	9 6	22 28	22 20	13 35		n.a.
T 25	13 47	15 57	4 56	5 30	1 47	4 44	1 40	18 55	0 27	0 57	1 40	21 48	1 19	1 4	0 38	9 45	1 50	32 45	9 7	22 26	22 20	13 33		n.a.
F 26	13 27	11 30	5 0	4 47	1 59	5 14	1 45	19 6	0 26	0 59	1 41	21 47	1 19	1 2	0 38	9 44	1 50	32 46	9 7	22 24	22 19	13 30		n.a.
S 27	13 7	6 37	4 51	4 6	2 10	5 45	1 49	19 16	0 24	1 1	1 41	21 45	1 20	1 1	0 38	9 43	1 50	32 46	9 7	22 22	22 19	13 28		n.a.
S 28	12s47	1s30	4s29	3s28	2n20	6n14	1n54	19s25	0n23	1n 3	1n41	21s44	1s20	1s 0	0s38	9s42	1s50	32s46	9s 7	22n20	22n18	13s25		n.a.

Julian Day Number = 1201703.5, Delta T = 09h21m52s
Ecliptic obliquity = 23°51'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'33, Lahiri = -23°35'32 Julian Calendar 1 Feb. 1423 BCE == Greg. Calendar 19 Jan. 1423 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

MARCH 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 43 14	27♒49'38	18♈26	17♓ 6	12♈15	27♏28	1°R 7	0♒27	29♓ 1	9♓54	7♑20	9°R50	9♊40	8♓15	n.a.	M 1
T 2	9 47 11	28°48'18	0♉29	18° 7	13°19	28° 4	1♎ 2	0°33	29° 4	9°57	7°21	9♊44	9°37	8°22	n.a.	T 2
W 3	9 51 7	29°46'56	12°44	19° 2	14°23	28°41	0°57	0°40	29° 7	9°59	7°23	9°41	9°34	8°28	n.a.	W 3
T 4	9 55 4	0♓45'32	25°14	19°51	15°27	29°17	0°51	0°47	29°10	10° 1	7°24	9°40	9°31	8°35	n.a.	T 4
F 5	9 59 1	1°44'06	8♊ 4	20°34	16°30	29°53	0°45	0°54	29°13	10° 3	7°25	9°40	9°28	8°42	n.a.	F 5
S 6	10 2 57	2°42'37	21°18	21°10	17°33	0♐29	0°39	1° 1	29°16	10° 6	7°26	9°40	9°24	8°49	n.a.	S 6
S 7	10 6 54	3°41'06	5♋ 0	21°40	18°36	1° 5	0°33	1° 8	29°19	10° 8	7°27	9°38	9°21	8°55	n.a.	S 7
M 8	10 10 50	4°39'33	19°12	22° 4	19°38	1°41	0°27	1°14	29°23	10°10	7°28	9°34	9°18	9° 2	n.a.	M 8
T 9	10 14 47	5°37'57	3♌51	22°22	20°40	2°17	0°21	1°21	29°26	10°12	7°29	9°28	9°15	9° 9	n.a.	T 9
W10	10 18 43	6°36'19	18°54	22°34	21°42	2°52	0°15	1°28	29°29	10°15	7°30	9°19	9°12	9°16	n.a.	W10
T 11	10 22 40	7°34'39	4♍12	22°R39	22°43	3°28	0° 8	1°34	29°32	10°17	7°31	9° 8	9° 9	9°22	n.a.	T 11
F 12	10 26 36	8°32'57	19°33	22°39	23°44	4° 3	0° 2	1°41	29°36	10°19	7°32	8°57	9° 5	9°29	n.a.	F 12
S 13	10 30 33	9°31'13	4♎46	22°32	24°44	4°39	29♍55	1°47	29°39	10°21	7°33	8°47	9° 2	9°36	n.a.	S 13
S 14	10 34 29	10°29'27	19°41	22°21	25°44	5°14	29°48	1°54	29°42	10°24	7°34	8°39	8°59	9°42	n.a.	S 14
M15	10 38 26	11°27'39	4♏10	22° 4	26°44	5°49	29°42	2° 0	29°46	10°26	7°35	8°34	8°56	9°49	n.a.	M15
T 16	10 42 23	12°25'50	18°10	21°42	27°43	6°24	29°35	2° 7	29°49	10°28	7°36	8°31	8°53	9°56	n.a.	T 16
W17	10 46 19	13°23'59	1♐41	21°16	28°42	6°59	29°28	2°13	29°52	10°30	7°37	8°30	8°49	10° 3	n.a.	W17
T 18	10 50 16	14°22'07	14°47	20°47	29°41	7°34	29°21	2°19	29°56	10°33	7°38	8°30	8°46	10° 9	n.a.	T 18
F 19	10 54 12	15°20'13	27°29	20°14	0♑39	8° 9	29°13	2°25	29°59	10°35	7°39	8°29	8°43	10°16	n.a.	F 19
S 20	10 58 9	16°18'18	9♑54	19°39	1°37	8°43	29° 6	2°32	0♈ 2	10°37	7°40	8°28	8°40	10°23	n.a.	S 20
S 21	11 2 5	17°16'21	22° 5	19° 2	2°34	9°18	28°59	2°38	0° 6	10°39	7°40	8°23	8°37	10°30	n.a.	S 21
M22	11 6 2	18°14'22	4♒ 7	18°23	3°30	9°52	28°52	2°44	0° 9	10°42	7°41	8°16	8°34	10°36	n.a.	M22
T 23	11 9 58	19°12'22	16° 3	17°44	4°27	10°26	28°44	2°50	0°12	10°44	7°42	8° 7	8°30	10°43	n.a.	T 23
W24	11 13 55	20°10'20	27°55	17° 5	5°22	11° 1	28°37	2°56	0°16	10°46	7°43	7°55	8°27	10°50	n.a.	W24
T 25	11 17 52	21° 8'16	9♓47	16°28	6°18	11°34	28°29	3° 1	0°19	10°48	7°43	7°42	8°24	10°56	n.a.	T 25
F 26	11 21 48	22° 6'11	21°39	15°51	7°12	12° 8	28°22	3° 7	0°23	10°51	7°44	7°28	8°21	11° 3	n.a.	F 26
S 27	11 25 45	23° 4'04	3♈33	15°17	8° 6	12°42	28°14	3°13	0°26	10°53	7°45	7°15	8°18	11°10	n.a.	S 27
S 28	11 29 41	24° 1'55	15°31	14°45	9° 0	13°15	28° 6	3°19	0°30	10°55	7°45	7° 4	8°14	11°17	n.a.	S 28
M29	11 33 38	24°59'45	27°34	14°17	9°52	13°48	27°59	3°24	0°33	10°57	7°46	6°55	8°11	11°23	n.a.	M29
T 30	11 37 34	25°57'33	9♉44	13°52	10°45	14°22	27°51	3°30	0°37	10°59	7°47	6°50	8° 8	11°30	n.a.	T 30
W31	11 41 31	26♓55'19	22♉ 4	13♓31	11♉36	14♐54	27♍44	3♒35	0♈40	11♓ 2	7♑47	6♊47	8♊ 5	11♓37	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s26	3n43	3s56	2s53	2n30	6n44	1n58	19s35	0n22	1n 5	1n41	21s43	1s20	0s59	0s38	9s41	1s50	32s46	9s 8	22n19	22n18	13s22		n.a.
T 2	12 6	8 52	3 11	2 20	2 40	7 14	2 3	19 45	0 21	1 8	1 41	21 41	1 20	0 57	0 38	9 40	1 50	32 46	9 8	22 18	22 17	13 20		n.a.
W 3	11 45	13 45	2 17	1 50	2 48	7 43	2 7	19 54	0 19	1 10	1 41	21 40	1 20	0 56	0 38	9 39	1 50	32 46	9 8	22 18	22 17	13 17		n.a.
T 4	11 24	18 11	1 16	1 24	2 56	8 12	2 12	20 4	0 18	1 12	1 42	21 38	1 20	0 55	0 38	9 39	1 50	32 47	9 8	22 18	22 16	13 15		n.a.
F 5	11 3	21 54	0 9	1 0	3 3	8 41	2 16	20 13	0 16	1 15	1 42	21 37	1 20	0 54	0 38	9 38	1 50	32 47	9 9	22 18	22 16	13 12		n.a.
S 6	10 41	24 35	1n 1	0 41	3 9	9 10	2 21	20 22	0 15	1 17	1 42	21 36	1 20	0 52	0 38	9 37	1 50	32 47	9 9	22 18	22 15	13 10		n.a.
S 7	10 20	25 55	2 10	0 24	3 14	9 38	2 25	20 31	0 14	1 20	1 42	21 34	1 21	0 51	0 38	9 36	1 50	32 47	9 9	22 17	22 15	13 7		n.a.
M 8	9 58	25 38	3 12	0 11	3 17	10 7	2 29	20 40	0 12	1 22	1 42	21 33	1 21	0 50	0 38	9 35	1 50	32 47	9 9	22 17	22 14	13 4		n.a.
T 9	9 36	23 35	4 5	0 2	3 20	10 34	2 34	20 49	0 11	1 25	1 42	21 32	1 21	0 48	0 38	9 34	1 50	32 47	9 10	22 16	22 14	13 2		n.a.
W10	9 15	19 52	4 41	0n 4	3 21	11 2	2 38	20 57	0 9	1 28	1 42	21 30	1 21	0 47	0 38	9 33	1 50	32 48	9 10	22 14	22 13	12 59		n.a.
T 11	8 53	14 46	4 59	0 6	3 21	11 29	2 42	21 6	0 8	1 30	1 42	21 29	1 21	0 46	0 38	9 32	1 50	32 48	9 10	22 13	22 13	12 57		n.a.
F 12	8 30	8 43	4 55	0 5	3 20	11 56	2 46	21 14	0 6	1 33	1 42	21 27	1 21	0 44	0 38	9 32	1 50	32 48	9 10	22 11	22 12	12 54		n.a.
S 13	8 8	2 12	4 30	0s 0	3 17	12 23	2 51	21 22	0 4	1 36	1 43	21 26	1 21	0 43	0 38	9 31	1 50	32 48	9 11	22 9	22 12	12 51		n.a.
S 14	7 46	4s20	3 47	0 9	3 13	12 49	2 55	21 30	0 3	1 39	1 43	21 25	1 22	0 42	0 38	9 30	1 50	32 48	9 11	22 8	22 11	12 49		n.a.
M15	7 23	10 28	2 51	0 21	3 7	13 15	2 59	21 38	0 1	1 41	1 43	21 23	1 22	0 40	0 38	9 29	1 50	32 49	9 11	22 7	22 11	12 46		n.a.
T 16	7 1	15 52	1 45	0 36	3 0	13 41	3 3	21 46	0s 1	1 44	1 43	21 22	1 22	0 39	0 38	9 28	1 50	32 49	9 12	22 7	22 10	12 43		n.a.
W17	6 38	20 17	0 36	0 54	2 52	14 6	3 7	21 54	0 2	1 47	1 43	21 21	1 22	0 38	0 38	9 27	1 50	32 49	9 12	22 7	22 10	12 41		n.a.
T 18	6 15	23 32	0s33	1 15	2 42	14 31	3 11	22 2	0 4	1 50	1 43	21 20	1 22	0 36	0 38	9 26	1 50	32 49	9 12	22 7	22 9	12 38		n.a.
F 19	5 53	25 29	1 39	1 38	2 31	14 56	3 14	22 9	0 6	1 53	1 43	21 18	1 22	0 35	0 38	9 26	1 50	32 50	9 12	22 7	22 9	12 36		n.a.
S 20	5 30	26 6	2 38	2 3	2 19	15 20	3 18	22 16	0 8	1 56	1 43	21 17	1 23	0 33	0 38	9 25	1 50	32 50	9 13	22 6	22 8	12 33		n.a.
S 21	5 7	25 27	3 28	2 30	2 5	15 44	3 22	22 24	0 9	1 59	1 43	21 16	1 23	0 32	0 38	9 24	1 50	32 50	9 13	22 6	22 8	12 30		n.a.
M22	4 44	23 36	4 9	2 58	1 51	16 7	3 25	22 31	0 11	2 2	1 43	21 14	1 23	0 31	0 38	9 23	1 50	32 50	9 13	22 5	22 7	12 28		n.a.
T 23	4 21	20 44	4 38	3 28	1 36	16 30	3 29	22 38	0 13	2 5	1 43	21 13	1 23	0 29	0 38	9 22	1 50	32 51	9 13	22 3	22 7	12 25		n.a.
W24	3 58	17 1	4 56	3 57	1 20	16 52	3 32	22 44	0 15	2 8	1 43	21 12	1 23	0 28	0 38	9 21	1 50	32 51	9 14	22 1	22 6	12 22		n.a.
T 25	3 34	12 39	5 0	4 27	1 4	17 14	3 36	22 51	0 17	2 11	1 43	21 11	1 23	0 27	0 38	9 20	1 50	32 51	9 14	21 59	22 6	12 20		n.a.
F 26	3 11	7 49	4 51	4 57	0 48	17 36	3 39	22 58	0 19	2 14	1 43	21 10	1 24	0 25	0 38	9 20	1 50	32 51	9 14	21 57	22 5	12 17		n.a.
S 27	2 48	2 40	4 30	5 26	0 31	17 57	3 42	23 4	0 21	2 17	1 43	21 8	1 24	0 24	0 38	9 19	1 50	32 51	9 15	21 54	22 5	12 14		n.a.
S 28	2 25	2n35	3 56	5 53	0 14	18 18	3 45	23 10	0 23	2 20	1 43	21 7	1 24	0 22	0 38	9 18	1 50	32 52	9 15	21 52	22 4	12 12		n.a.
M29	2 1	7 49	3 12	6 20	0s 2	18 38	3 48	23 17	0 25	2 23	1 43	21 6	1 24	0 21	0 38	9 17	1 50	32 52	9 15	21 51	22 4	12 9		n.a.
T 30	1 38	12 48	2 18	6 44	0 19	18 58	3 51	23 23	0 27	2 26	1 43	21 5	1 24	0 20	0 38	9 16	1 50	32 52	9 16	21 50	22 3	12 6		n.a.
W31	1s15	17n22	1s17	7s 7	0s34	19n17	3n54	23s29	0s29	2n29	1n43	21s 4	1s24	0s18	0s38	9s15	1s50	32s53	9s16	21n50	22n 3	12s 4		n.a.

Julian Day Number = 1201731.5, Delta T = 09h21m50s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'29, Lahiri = -23°35'29 Julian Calendar 1 March 1423 BCE == Greg. Calendar 16 Feb. 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

APRIL 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 45 27	27♓53'03	4♊37	13°R13	12♉27	15♐27	27°R36	3♒41	0♈43	11♓ 4	7♑48	6°D46	8♊ 2	11♓43	n.a.	T 1
F 2	11 49 24	28°50'46	17°27	13♓ 1	13°17	16° 0	27♍28	3°46	0°47	11° 6	7°48	6♊46	7°59	11°50	n.a.	F 2
S 3	11 53 20	29°48'27	0♋39	12°52	14° 7	16°32	27°21	3°52	0°50	11° 8	7°49	6°R46	7°55	11°57	n.a.	S 3
S 4	11 57 17	0♈46'06	14°14	12°D49	14°55	17° 4	27°13	3°57	0°54	11°10	7°49	6°46	7°52	12° 4	n.a.	S 4
M 5	12 1 14	1°43'43	28°15	12°50	15°43	17°36	27° 5	4° 2	0°57	11°12	7°50	6°43	7°49	12°10	n.a.	M 5
T 6	12 5 10	2°41'18	12♌43	12°55	16°30	18° 8	26°58	4° 7	1° 1	11°15	7°50	6°38	7°46	12°17	n.a.	T 6
W 7	12 9 7	3°38'52	27°33	13° 5	17°17	18°40	26°50	4°12	1° 4	11°17	7°50	6°31	7°43	12°24	n.a.	W 7
T 8	12 13 3	4°36'24	12♍40	13°20	18° 2	19°11	26°43	4°17	1° 8	11°19	7°51	6°22	7°40	12°31	n.a.	T 8
F 9	12 17 0	5°33'55	27°54	13°39	18°46	19°42	26°35	4°22	1°11	11°21	7°51	6°14	7°36	12°37	n.a.	F 9
S 10	12 20 56	6°31'24	13♎ 4	14° 2	19°30	20°13	26°28	4°27	1°15	11°23	7°51	6° 5	7°33	12°44	n.a.	S 10
S 11	12 24 53	7°28'52	28° 1	14°30	20°12	20°44	26°20	4°32	1°18	11°25	7°52	5°59	7°30	12°51	n.a.	S 11
M12	12 28 49	8°26'19	12♏35	15° 2	20°54	21°15	26°13	4°36	1°21	11°27	7°52	5°54	7°27	12°57	n.a.	M12
T 13	12 32 46	9°23'45	26°42	15°38	21°34	21°45	26° 6	4°41	1°25	11°29	7°52	5°52	7°24	13° 4	n.a.	T 13
W14	12 36 43	10°21'10	10♐21	16°18	22°13	22°15	25°59	4°45	1°28	11°31	7°52	5°D52	7°20	13°11	n.a.	W14
T 15	12 40 39	11°18'34	23°32	17° 2	22°51	22°45	25°51	4°50	1°32	11°33	7°53	5°53	7°17	13°18	n.a.	T 15
F 16	12 44 36	12°15'57	6♑19	17°49	23°28	23°15	25°44	4°54	1°35	11°35	7°53	5°R54	7°14	13°24	n.a.	F 16
S 17	12 48 32	13°13'19	18°45	18°40	24° 4	23°44	25°37	4°58	1°39	11°37	7°53	5°54	7°11	13°31	n.a.	S 17
S 18	12 52 29	14°10'41	0♒57	19°34	24°39	24°13	25°30	5° 3	1°42	11°39	7°53	5°52	7° 8	13°38	n.a.	S 18
M19	12 56 25	15° 8'01	12°57	20°32	25°12	24°42	25°23	5° 7	1°45	11°41	7°53	5°48	7° 5	13°45	n.a.	M19
T 20	13 0 22	16° 5'21	24°51	21°33	25°44	25°10	25°17	5°11	1°49	11°43	7°53	5°43	7° 1	13°51	n.a.	T 20
W21	13 4 18	17° 2'40	6♓43	22°38	26°14	25°38	25°10	5°15	1°52	11°45	7°R53	5°35	6°58	13°58	n.a.	W21
T 22	13 8 15	17°59'58	18°34	23°45	26°43	26° 6	25° 3	5°19	1°56	11°47	7°53	5°27	6°55	14° 5	n.a.	T 22
F 23	13 12 12	18°57'15	0♈29	24°56	27°11	26°34	24°57	5°22	1°59	11°49	7°53	5°18	6°52	14°11	n.a.	F 23
S 24	13 16 8	19°54'31	12°28	26° 9	27°36	27° 1	24°51	5°26	2° 2	11°51	7°53	5°10	6°49	14°18	n.a.	S 24
S 25	13 20 5	20°51'47	24°34	27°26	28° 1	27°28	24°44	5°30	2° 6	11°53	7°53	5° 3	6°45	14°25	n.a.	S 25
M26	13 24 1	21°49'02	6♉48	28°45	28°23	27°54	24°38	5°33	2° 9	11°54	7°53	4°57	6°42	14°32	n.a.	M26
T 27	13 27 58	22°46'15	19°10	0♈ 7	28°44	28°20	24°32	5°37	2°12	11°56	7°53	4°54	6°39	14°38	n.a.	T 27
W28	13 31 54	23°43'29	1♊43	1°32	29° 3	28°46	24°26	5°40	2°15	11°58	7°52	4°D53	6°36	14°45	n.a.	W28
T 29	13 35 51	24°40'41	14°28	3° 0	29°20	29°12	24°21	5°43	2°19	12° 0	7°52	4°53	6°33	14°52	n.a.	T 29
F 30	13 39 47	25♈37'52	27♊28	4♈31	29♉35	29♐37	24♍15	5♒46	2♈22	12♓ 2	7♑52	4♊54	6♊30	14♓58	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s51	21n15	0s11	7s28	0s50	19n35	3n57	23s35	0s32	2n32	1n43	21s 3	1s25	0s17	0s38	9s15	1s50	32s53	9s16	21n49	22n 2	12s 1		n.a.
F 2	0 28	24 12	0n57	7 47	1 4	19 54	3 59	23 40	0 34	2 35	1 43	21 1	1 25	0 15	0 38	9 14	1 51	32 53	9 16	21 49	22 2	11 58		n.a.
S 3	0 5	25 55	2 3	8 3	1 18	20 11	4 1	23 46	0 36	2 38	1 43	21 0	1 25	0 14	0 38	9 13	1 51	32 53	9 17	21 49	22 1	11 56		n.a.
S 4	0n19	26 10	3 5	8 16	1 32	20 28	4 4	23 52	0 38	2 41	1 43	20 59	1 25	0 13	0 38	9 12	1 51	32 54	9 17	21 49	22 1	11 53		n.a.
M 5	0 42	24 46	3 58	8 28	1 44	20 45	4 6	23 57	0 41	2 44	1 43	20 58	1 25	0 11	0 37	9 11	1 51	32 54	9 17	21 49	22 0	11 50		n.a.
T 6	1 5	21 43	4 38	8 36	1 56	21 1	4 8	24 2	0 43	2 47	1 43	20 57	1 26	0 10	0 37	9 10	1 51	32 54	9 18	21 48	22 0	11 48		n.a.
W 7	1 29	17 13	5 0	8 42	2 7	21 16	4 9	24 7	0 45	2 50	1 42	20 56	1 26	0 8	0 37	9 10	1 51	32 54	9 18	21 47	21 59	11 45		n.a.
T 8	1 52	11 33	5 2	8 46	2 17	21 31	4 11	24 13	0 48	2 53	1 42	20 55	1 26	0 7	0 37	9 9	1 51	32 55	9 18	21 45	21 58	11 42		n.a.
F 9	2 15	5 9	4 42	8 46	2 26	21 45	4 13	24 18	0 50	2 56	1 42	20 54	1 26	0 5	0 37	9 8	1 51	32 55	9 18	21 44	21 58	11 39		n.a.
S 10	2 38	1s32	4 3	8 45	2 34	21 59	4 14	24 22	0 53	2 59	1 42	20 53	1 26	0 4	0 37	9 7	1 51	32 55	9 19	21 42	21 57	11 37		n.a.
S 11	3 1	8 2	3 8	8 40	2 41	22 12	4 15	24 27	0 55	3 2	1 42	20 52	1 27	0 3	0 37	9 7	1 51	32 56	9 19	21 41	21 57	11 34		n.a.
M12	3 24	13 58	2 1	8 34	2 47	22 24	4 16	24 32	0 58	3 5	1 42	20 51	1 27	0 1	0 37	9 6	1 51	32 56	9 19	21 40	21 56	11 31		n.a.
T 13	3 47	18 58	0 49	8 25	2 53	22 36	4 17	24 37	1 1	3 8	1 42	20 50	1 27	0n 0	0 37	9 5	1 51	32 56	9 20	21 40	21 56	11 29		n.a.
W14	4 10	22 47	0s24	8 13	2 58	22 47	4 17	24 41	1 3	3 11	1 42	20 49	1 27	0 1	0 37	9 4	1 51	32 56	9 20	21 40	21 55	11 26		n.a.
T 15	4 33	25 15	1 33	7 59	3 1	22 57	4 17	24 46	1 6	3 13	1 41	20 48	1 27	0 3	0 37	9 3	1 51	32 57	9 20	21 40	21 55	11 23		n.a.
F 16	4 56	26 18	2 36	7 43	3 4	23 7	4 17	24 50	1 9	3 16	1 41	20 47	1 28	0 4	0 37	9 3	1 51	32 57	9 21	21 40	21 54	11 20		n.a.
S 17	5 19	25 59	3 29	7 25	3 7	23 16	4 17	24 54	1 12	3 19	1 41	20 47	1 28	0 6	0 37	9 2	1 51	32 57	9 21	21 40	21 54	11 18		n.a.
S 18	5 41	24 24	4 12	7 4	3 8	23 25	4 17	24 58	1 14	3 21	1 41	20 46	1 28	0 7	0 37	9 1	1 51	32 58	9 21	21 40	21 53	11 15		n.a.
M19	6 4	21 44	4 43	6 42	3 8	23 32	4 16	25 2	1 17	3 24	1 41	20 45	1 28	0 8	0 37	9 1	1 51	32 58	9 22	21 39	21 53	11 12		n.a.
T 20	6 26	18 11	5 1	6 17	3 8	23 40	4 15	25 7	1 20	3 27	1 41	20 44	1 28	0 10	0 37	9 0	1 51	32 58	9 22	21 38	21 52	11 9		n.a.
W21	6 49	13 56	5 7	5 50	3 7	23 46	4 14	25 11	1 23	3 29	1 40	20 43	1 29	0 11	0 37	8 59	1 51	32 58	9 22	21 37	21 52	11 7		n.a.
T 22	7 11	9 10	4 59	5 21	3 6	23 52	4 13	25 14	1 26	3 32	1 40	20 43	1 29	0 12	0 37	8 58	1 51	32 59	9 22	21 35	21 51	11 4		n.a.
F 23	7 33	4 2	4 38	4 51	3 3	23 56	4 11	25 18	1 29	3 34	1 40	20 42	1 29	0 14	0 37	8 58	1 51	32 59	9 23	21 34	21 50	11 1		n.a.
S 24	7 55	1n16	4 5	4 18	3 0	24 1	4 9	25 22	1 32	3 36	1 40	20 41	1 29	0 15	0 37	8 57	1 51	32 59	9 23	21 32	21 50	10 58		n.a.
S 25	8 17	6 35	3 20	3 44	2 57	24 4	4 7	25 26	1 35	3 39	1 40	20 40	1 29	0 16	0 37	8 56	1 51	33 0	9 23	21 31	21 49	10 56		n.a.
M26	8 39	11 44	2 26	3 8	2 52	24 7	4 4	25 29	1 39	3 41	1 39	20 40	1 30	0 18	0 37	8 56	1 51	33 0	9 24	21 30	21 49	10 53		n.a.
T 27	9 1	16 29	1 24	2 30	2 48	24 9	4 1	25 33	1 42	3 43	1 39	20 39	1 30	0 19	0 37	8 55	1 51	33 0	9 24	21 29	21 48	10 50		n.a.
W28	9 22	20 35	0 17	1 51	2 42	24 10	3 58	25 37	1 45	3 45	1 39	20 39	1 30	0 20	0 38	8 54	1 51	33 1	9 24	21 29	21 48	10 47		n.a.
T 29	9 43	23 48	0n52	1 10	2 36	24 10	3 54	25 40	1 48	3 48	1 39	20 38	1 30	0 22	0 38	8 54	1 51	33 1	9 25	21 29	21 47	10 45		n.a.
F 30	10n 5	25n50	2n 0	0s27	2s29	24n 9	3n50	25s44	1s52	3n50	1n39	20s37	1s31	0n23	0s38	8s53	1s52	33s 1	9s25	21n30	21n47	10s42		n.a.

Julian Day Number = 1201762.5, Delta T = 09h21m48s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'25, Lahiri = -23°35'24 Julian Calendar 1 Apr. 1423 BCE == Greg. Calendar 19 March 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

MAY 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 43 44	26♈35'02	10♋45	6♈ 4	29♉48	0♎ 2	24°R 9	5♒50	2♈25	12♓ 3	7°R52	4♊56	6♊26	15♓ 5	n.a.	S 1
S 2	13 47 41	27°32'12	24°20	7°40	29°59	0°26	24♍ 4	5°53	2°28	12° 5	7♎52	4°R57	6°23	15°12	n.a.	S 2
M 3	13 51 37	28°29'20	8♌16	9°19	0♊ 8	0°50	23°59	5°55	2°32	12° 7	7°51	4°56	6°20	15°19	n.a.	M 3
T 4	13 55 34	29°26'27	22°31	11° 1	0°15	1°13	23°54	5°58	2°35	12° 8	7°51	4°55	6°17	15°25	n.a.	T 4
W 5	13 59 30	0♉23'34	7♍ 4	12°45	0°20	1°36	23°49	6° 1	2°38	12°10	7°51	4°51	6°14	15°32	n.a.	W 5
T 6	14 3 27	1°20'40	21°51	14°32	0°R22	1°59	23°44	6° 4	2°41	12°12	7°50	4°47	6°11	15°39	n.a.	T 6
F 7	14 7 23	2°17'45	6♎44	16°22	0°22	2°21	23°39	6° 6	2°44	12°13	7°50	4°42	6° 7	15°46	n.a.	F 7
S 8	14 11 20	3°14'49	21°36	18°14	0°19	2°43	23°35	6° 9	2°47	12°15	7°50	4°38	6° 4	15°52	n.a.	S 8
S 9	14 15 17	4°11'53	6♏19	20° 8	0°15	3° 4	23°31	6°11	2°50	12°16	7°49	4°35	6° 1	15°59	n.a.	S 9
M10	14 19 13	5° 8'57	20°45	22° 5	0° 7	3°25	23°27	6°13	2°53	12°18	7°49	4°33	5°58	16° 6	n.a.	M10
T 11	14 23 10	6° 6'01	4♐49	24° 4	29♉58	3°46	23°23	6°15	2°56	12°20	7°48	4°D32	5°55	16°12	n.a.	T 11
W12	14 27 6	7° 3'04	18°28	26° 6	29°46	4° 6	23°19	6°17	3° 0	12°21	7°48	4°33	5°51	16°19	n.a.	W12
T 13	14 31 3	8° 0'07	1♑43	28° 9	29°32	4°25	23°15	6°19	3° 2	12°22	7°47	4°34	5°48	16°26	n.a.	T 13
F 14	14 34 59	8°57'11	14°34	0♉14	29°15	4°44	23°11	6°21	3° 5	12°24	7°47	4°36	5°45	16°33	n.a.	F 14
S 15	14 38 56	9°54'14	27° 4	2°20	28°56	5° 2	23° 8	6°23	3° 8	12°25	7°46	4°37	5°42	16°39	n.a.	S 15
S 16	14 42 52	10°51'17	9♒18	4°28	28°35	5°20	23° 5	6°25	3°11	12°27	7°46	4°R38	5°39	16°46	n.a.	S 16
M17	14 46 49	11°48'21	21°21	6°37	28°11	5°37	23° 2	6°26	3°14	12°28	7°45	4°37	5°36	16°53	n.a.	M17
T 18	14 50 46	12°45'24	3♓16	8°47	27°46	5°54	22°59	6°28	3°17	12°29	7°44	4°36	5°32	16°59	n.a.	T 18
W19	14 54 42	13°42'28	15° 8	10°58	27°19	6°10	22°56	6°29	3°20	12°31	7°44	4°34	5°29	17° 6	n.a.	W19
T 20	14 58 39	14°39'32	27° 1	13° 8	26°49	6°25	22°54	6°30	3°23	12°32	7°43	4°31	5°26	17°13	n.a.	T 20
F 21	15 2 35	15°36'36	9♈ 0	15°19	26°19	6°40	22°52	6°31	3°25	12°33	7°42	4°28	5°23	17°20	n.a.	F 21
S 22	15 6 32	16°33'40	21° 5	17°29	25°46	6°54	22°49	6°32	3°28	12°34	7°42	4°25	5°20	17°26	n.a.	S 22
S 23	15 10 28	17°30'45	3♉20	19°39	25°12	7° 8	22°48	6°33	3°31	12°36	7°41	4°23	5°17	17°33	n.a.	S 23
M24	15 14 25	18°27'50	15°47	21°48	24°38	7°21	22°46	6°34	3°34	12°37	7°40	4°21	5°13	17°40	n.a.	M24
T 25	15 18 22	19°24'54	28°26	23°55	24° 2	7°33	22°44	6°35	3°36	12°38	7°39	4°D20	5°10	17°47	n.a.	T 25
W26	15 22 18	20°21'59	11♊18	26° 2	23°25	7°44	22°43	6°36	3°39	12°39	7°39	4°21	5° 7	17°53	n.a.	W26
T 27	15 26 15	21°19'05	24°24	28° 8	22°48	7°55	22°41	6°36	3°41	12°40	7°38	4°21	5° 4	18° 0	n.a.	T 27
F 28	15 30 11	22°16'10	7♋43	0♊12	22°11	8° 6	22°40	6°37	3°44	12°41	7°37	4°22	5° 1	18° 7	n.a.	F 28
S 29	15 34 8	23°13'15	21°15	2°14	21°34	8°15	22°40	6°37	3°47	12°42	7°36	4°23	4°57	18°13	n.a.	S 29
S 30	15 38 4	24°10'21	5♌ 1	4°15	20°57	8°24	22°39	6°37	3°49	12°43	7°35	4°24	4°54	18°20	n.a.	S 30
M31	15 42 1	25♌ 7'26	18♌59	6♊14	20♉20	8♎32	22♍38	6♒37	3♈52	12♓44	7♎34	4°R24	4♊51	18♓27	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n26	26n27	3n 2	0n17	2s22	24n 8	3n45	25s47	1s55	3n52	1n38	20s37	1s31	0n24	0s38	8s52	1s52	33s 2	9s25	21n30	21n46	10s39		n.a.
S 2	10 47	25 30	3 57	1 3	2 14	24 6	3 41	25 50	1 59	3 54	1 38	20 36	1 31	0 26	0 38	8 52	1 52	33 2	9 25	21 30	21 45	10 36		n.a.
M 3	11 8	22 59	4 38	1 50	2 6	24 3	3 35	25 54	2 2	3 55	1 38	20 36	1 31	0 27	0 38	8 51	1 52	33 2	9 26	21 30	21 45	10 33		n.a.
T 4	11 28	19 1	5 4	2 39	1 57	23 58	3 30	25 57	2 6	3 57	1 38	20 35	1 31	0 28	0 38	8 51	1 52	33 2	9 26	21 30	21 44	10 31		n.a.
W 5	11 49	13 52	5 11	3 28	1 48	23 53	3 24	26 1	2 9	3 59	1 37	20 35	1 32	0 30	0 38	8 50	1 52	33 3	9 26	21 29	21 44	10 28		n.a.
T 6	12 9	7 50	4 58	4 19	1 38	23 48	3 17	26 4	2 13	4 1	1 37	20 34	1 32	0 31	0 38	8 49	1 52	33 3	9 27	21 28	21 43	10 25		n.a.
F 7	12 29	1 19	4 24	5 11	1 28	23 41	3 10	26 7	2 17	4 2	1 37	20 34	1 32	0 32	0 38	8 49	1 52	33 3	9 27	21 27	21 43	10 22		n.a.
S 8	12 49	5s17	3 33	6 4	1 18	23 33	3 2	26 11	2 21	4 4	1 37	20 34	1 32	0 33	0 38	8 48	1 52	33 4	9 27	21 27	21 42	10 19		n.a.
S 9	13 9	11 32	2 28	6 58	1 8	23 24	2 54	26 14	2 24	4 5	1 36	20 33	1 33	0 35	0 38	8 48	1 52	33 4	9 27	21 26	21 42	10 17		n.a.
M10	13 28	17 3	1 15	7 52	0 57	23 14	2 46	26 17	2 28	4 7	1 36	20 33	1 33	0 36	0 38	8 47	1 52	33 4	9 28	21 26	21 41	10 14		n.a.
T 11	13 47	21 30	0s 2	8 47	0 46	23 3	2 37	26 21	2 32	4 8	1 36	20 32	1 33	0 37	0 38	8 47	1 52	33 5	9 28	21 25	21 40	10 11		n.a.
W12	14 6	24 37	1 16	9 42	0 35	22 52	2 28	26 24	2 36	4 9	1 35	20 32	1 33	0 38	0 38	8 46	1 52	33 5	9 28	21 26	21 40	10 8		n.a.
T 13	14 25	26 15	2 24	10 38	0 24	22 39	2 18	26 27	2 40	4 11	1 35	20 32	1 34	0 39	0 38	8 46	1 52	33 5	9 29	21 26	21 39	10 5		n.a.
F 14	14 44	26 24	3 22	11 33	0 13	22 25	2 7	26 31	2 44	4 12	1 35	20 32	1 34	0 41	0 38	8 45	1 52	33 6	9 29	21 26	21 39	10 2		n.a.
S 15	15 2	25 11	4 9	12 28	0 2	22 10	1 57	26 34	2 48	4 13	1 35	20 31	1 34	0 42	0 38	8 44	1 52	33 6	9 29	21 26	21 38	10 0		n.a.
S 16	15 21	22 48	4 44	13 22	0n 9	21 54	1 45	26 37	2 52	4 14	1 34	20 31	1 34	0 43	0 38	8 44	1 52	33 6	9 29	21 26	21 38	9 57		n.a.
M17	15 39	19 27	5 6	14 16	0 19	21 38	1 34	26 41	2 56	4 15	1 34	20 31	1 35	0 44	0 38	8 44	1 52	33 7	9 30	21 26	21 37	9 54		n.a.
T 18	15 56	15 21	5 14	15 9	0 30	21 20	1 22	26 44	3 1	4 16	1 34	20 31	1 35	0 45	0 38	8 43	1 52	33 7	9 30	21 26	21 36	9 51		n.a.
W19	16 14	10 41	5 9	16 0	0 39	21 2	1 9	26 48	3 5	4 17	1 33	20 31	1 35	0 46	0 38	8 43	1 53	33 7	9 30	21 26	21 36	9 48		n.a.
T 20	16 31	5 38	4 50	16 50	0 49	20 42	0 57	26 51	3 9	4 17	1 33	20 31	1 35	0 47	0 38	8 42	1 53	33 7	9 30	21 25	21 35	9 45		n.a.
F 21	16 48	0 20	4 19	17 38	0 58	20 22	0 43	26 55	3 14	4 18	1 33	20 31	1 36	0 49	0 38	8 42	1 53	33 8	9 31	21 25	21 35	9 43		n.a.
S 22	17 5	5n 2	3 36	18 24	1 6	20 2	0 30	26 59	3 18	4 18	1 32	20 31	1 36	0 50	0 38	8 41	1 53	33 8	9 31	21 24	21 34	9 40		n.a.
S 23	17 21	10 18	2 43	19 9	1 14	19 40	0 16	27 2	3 23	4 19	1 32	20 31	1 36	0 51	0 38	8 41	1 53	33 8	9 31	21 24	21 34	9 37		n.a.
M24	17 38	15 15	1 41	19 51	1 21	19 18	0 3	27 6	3 27	4 19	1 32	20 31	1 36	0 52	0 38	8 41	1 53	33 9	9 32	21 23	21 33	9 34		n.a.
T 25	17 54	19 38	0 33	20 30	1 28	18 56	0s11	27 10	3 32	4 20	1 32	20 31	1 36	0 53	0 38	8 40	1 53	33 9	9 32	21 23	21 32	9 31		n.a.
W26	18 9	23 10	0n38	21 7	1 34	18 33	0 25	27 14	3 36	4 20	1 31	20 31	1 37	0 54	0 38	8 40	1 53	33 9	9 32	21 23	21 32	9 28		n.a.
T 27	18 25	25 33	1 49	21 42	1 39	18 10	0 39	27 18	3 41	4 20	1 31	20 31	1 37	0 55	0 38	8 39	1 53	33 10	9 32	21 23	21 31	9 25		n.a.
F 28	18 40	26 32	2 54	22 14	1 44	17 47	0 53	27 22	3 45	4 20	1 31	20 31	1 37	0 56	0 38	8 39	1 53	33 10	9 32	21 24	21 31	9 23		n.a.
S 29	18 54	25 57	3 51	22 44	1 48	17 24	1 7	27 26	3 50	4 20	1 30	20 31	1 37	0 57	0 38	8 39	1 53	33 10	9 33	21 24	21 30	9 20		n.a.
S 30	19 9	23 48	4 36	23 11	1 51	17 1	1 21	27 30	3 55	4 20	1 30	20 31	1 38	0 58	0 38	8 38	1 53	33 10	9 33	21 24	21 30	9 17		n.a.
M31	19n23	20n13	5n 5	23n35	1n53	16n38	1s34	27s34	3s59	4n20	1n30	20s31	1s38	0n59	0s38	8s38	1s53	33s11	9s33	21n24	21n29	9s14		n.a.

Julian Day Number = 1201792.5, Delta T = 09h21m46s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'21, Lahiri = -23°35'20 Julian Calendar 1 May 1423 BCE == Greg. Calendar 18 Apr. 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

JUNE 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 45 57	26♉ 4'32	3♍ 9	8♊11	19°R44	8♋39	22°R38	6°R37	3♈54	12♓45	7°R33	4°R24	4♊48	18♓34	n.a.	T 1
W 2	15 49 54	27° 1'37	17°28	10° 7	19♉ 9	8°46	22°D38	6♒37	3°56	12°46	7♋32	4♊24	4°45	18°40	n.a.	W 2
T 3	15 53 51	27°58'43	1♎54	12° 0	18°35	8°51	22♍38	6°37	3°59	12°47	7°31	4°23	4°42	18°47	n.a.	T 3
F 4	15 57 47	28°55'49	16°22	13°52	18° 2	8°57	22°38	6°37	4° 1	12°48	7°30	4°23	4°38	18°54	n.a.	F 4
S 5	16 1 44	29°52'55	0♏48	15°42	17°31	9° 1	22°39	6°36	4° 3	12°49	7°29	4°22	4°35	19° 0	n.a.	S 5
S 6	16 5 40	0♊50'01	15° 6	17°30	17° 1	9° 4	22°39	6°36	4° 6	12°49	7°29	4°22	4°32	19° 7	n.a.	S 6
M 7	16 9 37	1°47'09	29°12	19°17	16°34	9° 7	22°40	6°35	4° 8	12°50	7°27	4°D22	4°29	19°14	n.a.	M 7
T 8	16 13 33	2°44'16	13♐ 1	21° 1	16° 8	9° 9	22°41	6°35	4°10	12°51	7°26	4°22	4°26	19°21	n.a.	T 8
W 9	16 17 30	3°41'25	26°31	22°44	15°44	9°10	22°42	6°34	4°12	12°51	7°25	4°22	4°23	19°27	n.a.	W 9
T 10	16 21 27	4°38'34	9♋41	24°24	15°23	9°R11	22°43	6°33	4°14	12°52	7°24	4°R22	4°19	19°34	n.a.	T 10
F 11	16 25 23	5°35'44	22°31	26° 3	15° 3	9°10	22°45	6°32	4°16	12°53	7°23	4°22	4°16	19°41	n.a.	F 11
S 12	16 29 20	6°32'56	5♒ 3	27°40	14°46	9° 9	22°46	6°31	4°18	12°53	7°22	4°21	4°13	19°48	n.a.	S 12
S 13	16 33 16	7°30'08	17°19	29°15	14°32	9° 7	22°48	6°30	4°20	12°54	7°21	4°21	4°10	19°54	n.a.	S 13
M14	16 37 13	8°27'21	29°23	0♌49	14°19	9° 5	22°50	6°29	4°22	12°54	7°20	4°21	4° 7	20° 1	n.a.	M14
T 15	16 41 9	9°24'35	11♓19	2°20	14°10	9° 1	22°53	6°27	4°24	12°55	7°19	4°D21	4° 3	20° 8	n.a.	T 15
W16	16 45 6	10°21'50	23°12	3°50	14° 2	8°57	22°55	6°26	4°26	12°55	7°18	4°21	4° 0	20°14	n.a.	W16
T 17	16 49 2	11°19'07	5♈ 7	5°18	13°57	8°52	22°57	6°24	4°28	12°56	7°17	4°22	3°57	20°21	n.a.	T 17
F 18	16 52 59	12°16'25	17° 7	6°43	13°55	8°46	23° 0	6°22	4°29	12°56	7°15	4°22	3°54	20°28	n.a.	F 18
S 19	16 56 56	13°13'43	29°17	8° 7	13°D54	8°39	23° 3	6°21	4°31	12°57	7°14	4°23	3°51	20°35	n.a.	S 19
S 20	17 0 52	14°11'03	11♉40	9°29	13°56	8°32	23° 6	6°19	4°33	12°57	7°13	4°24	3°48	20°41	n.a.	S 20
M21	17 4 49	15° 8'25	24°19	10°49	14° 0	8°24	23° 9	6°17	4°34	12°57	7°12	4°25	3°44	20°48	n.a.	M21
T 22	17 8 45	16° 5'47	7♊15	12° 7	14° 7	8°15	23°13	6°15	4°36	12°57	7°11	4°R25	3°41	20°55	n.a.	T 22
W23	17 12 42	17° 3'11	20°28	13°23	14°16	8° 5	23°16	6°13	4°38	12°58	7° 9	4°24	3°38	21° 1	n.a.	W23
T 24	17 16 38	18° 0'36	3♋58	14°36	14°26	7°55	23°20	6°10	4°39	12°58	7° 8	4°23	3°35	21° 8	n.a.	T 24
F 25	17 20 35	18°58'02	17°43	15°47	14°39	7°44	23°24	6° 8	4°41	12°58	7° 7	4°22	3°32	21°15	n.a.	F 25
S 26	17 24 32	19°55'29	1♌40	16°56	14°54	7°33	23°28	6° 6	4°42	12°58	7° 6	4°20	3°28	21°22	n.a.	S 26
S 27	17 28 28	20°52'57	15°46	18° 3	15°11	7°21	23°32	6° 3	4°43	12°58	7° 4	4°18	3°25	21°28	n.a.	S 27
M28	17 32 25	21°50'26	29°58	19° 7	15°29	7° 8	23°37	6° 1	4°45	12°58	7° 3	4°16	3°22	21°35	n.a.	M28
T 29	17 36 21	22°47'56	14♍12	20° 9	15°49	6°55	23°41	5°58	4°46	12°R58	7° 2	4°15	3°19	21°42	n.a.	T 29
W30	17 40 18	23♊45'26	28♍26	21♋ 7	16♉12	6♋42	23♍46	5♒55	4°47	12♓58	7♋ 1	4°D15	3♊16	21♓48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n37	15n25	5n16	23n57	1n55	16n15	1s48	27s38	4s 4	4n20	1n29	20s32	1s38	1n 0	0s38	8s38	1s53	33s11	9s33	21n24	21n28	9s11		n.a.
W 2	19 50	9 45	5 8	24 17	1 56	15 53	2 1	27 42	4 9	4 20	1 29	20 32	1 38	1 1	0 38	8 37	1 53	33 11	9 34	21 24	21 28	9 8		n.a.
T 3	20 4	3 31	4 41	24 34	1 57	15 32	2 13	27 47	4 14	4 20	1 29	20 32	1 39	1 2	0 38	8 37	1 53	33 12	9 34	21 24	21 27	9 5		n.a.
F 4	20 16	2s56	3 56	24 48	1 57	15 11	2 25	27 51	4 18	4 19	1 28	20 33	1 39	1 3	0 38	8 37	1 54	33 12	9 34	21 24	21 27	9 2		n.a.
S 5	20 29	9 13	2 55	25 0	1 56	14 51	2 37	27 56	4 23	4 19	1 28	20 33	1 39	1 4	0 38	8 37	1 54	33 12	9 34	21 24	21 26	9 0		n.a.
S 6	20 41	14 59	1 45	25 10	1 55	14 31	2 49	28 0	4 28	4 18	1 28	20 33	1 39	1 4	0 38	8 36	1 54	33 12	9 35	21 23	21 25	8 57		n.a.
M 7	20 53	19 52	0 29	25 18	1 53	14 13	3 0	28 5	4 33	4 18	1 27	20 34	1 40	1 5	0 38	8 36	1 54	33 13	9 35	21 23	21 25	8 54		n.a.
T 8	21 5	23 33	0s48	25 23	1 50	13 55	3 10	28 9	4 38	4 17	1 27	20 34	1 40	1 6	0 38	8 36	1 54	33 13	9 35	21 23	21 24	8 51		n.a.
W 9	21 16	25 49	2 0	25 27	1 47	13 39	3 20	28 14	4 42	4 16	1 27	20 34	1 40	1 7	0 38	8 36	1 54	33 13	9 35	21 23	21 24	8 48		n.a.
T 10	21 27	26 33	3 4	25 28	1 44	13 24	3 30	28 19	4 47	4 15	1 26	20 35	1 40	1 8	0 38	8 36	1 54	33 13	9 35	21 23	21 23	8 45		n.a.
F 11	21 37	25 49	3 56	25 28	1 40	13 10	3 38	28 23	4 52	4 15	1 26	20 35	1 41	1 9	0 38	8 35	1 54	33 14	9 36	21 23	21 22	8 42		n.a.
S 12	21 47	23 48	4 36	25 26	1 35	12 57	3 47	28 28	4 57	4 14	1 26	20 36	1 41	1 9	0 38	8 35	1 54	33 14	9 36	21 23	21 22	8 39		n.a.
S 13	21 57	20 43	5 3	25 22	1 30	12 45	3 55	28 33	5 1	4 13	1 26	20 36	1 41	1 10	0 38	8 35	1 54	33 14	9 36	21 23	21 21	8 36		n.a.
M14	22 6	16 48	5 16	25 17	1 25	12 34	4 2	28 38	5 6	4 11	1 25	20 37	1 41	1 11	0 38	8 35	1 54	33 14	9 36	21 23	21 21	8 33		n.a.
T 15	22 15	12 16	5 14	25 10	1 19	12 25	4 9	28 43	5 11	4 10	1 25	20 38	1 42	1 12	0 38	8 35	1 54	33 15	9 36	21 23	21 20	8 30		n.a.
W16	22 24	7 19	5 0	25 1	1 13	12 17	4 15	28 48	5 15	4 9	1 25	20 38	1 42	1 12	0 38	8 35	1 54	33 15	9 36	21 23	21 19	8 28		n.a.
T 17	22 32	2 5	4 32	24 51	1 6	12 10	4 21	28 53	5 20	4 8	1 24	20 39	1 42	1 13	0 38	8 35	1 54	33 15	9 37	21 23	21 19	8 25		n.a.
F 18	22 40	3n16	3 53	24 40	0 59	12 4	4 26	28 58	5 24	4 6	1 24	20 39	1 42	1 14	0 38	8 34	1 55	33 15	9 37	21 24	21 18	8 22		n.a.
S 19	22 47	8 34	3 2	24 28	0 51	11 59	4 31	29 2	5 29	4 5	1 24	20 40	1 42	1 15	0 38	8 34	1 55	33 16	9 37	21 24	21 18	8 19		n.a.
S 20	22 54	13 40	2 3	24 14	0 43	11 56	4 35	29 7	5 33	4 3	1 23	20 41	1 43	1 15	0 38	8 34	1 55	33 16	9 37	21 24	21 17	8 16		n.a.
M21	23 1	18 17	0 56	24 0	0 35	11 53	4 39	29 12	5 37	4 2	1 23	20 42	1 43	1 16	0 38	8 34	1 55	33 16	9 37	21 24	21 16	8 13		n.a.
T 22	23 7	22 10	0n16	23 44	0 26	11 52	4 43	29 17	5 41	4 0	1 23	20 42	1 43	1 16	0 38	8 34	1 55	33 16	9 37	21 24	21 16	8 10		n.a.
W23	23 13	24 58	1 28	23 28	0 17	11 51	4 46	29 21	5 45	3 58	1 22	20 43	1 43	1 17	0 38	8 34	1 55	33 17	9 38	21 24	21 15	8 7		n.a.
T 24	23 19	26 24	2 36	23 11	0 8	11 52	4 48	29 26	5 49	3 57	1 22	20 44	1 44	1 18	0 38	8 34	1 55	33 17	9 38	21 24	21 15	8 4		n.a.
F 25	23 24	26 15	3 37	22 53	0s 2	11 54	4 51	29 31	5 53	3 55	1 22	20 45	1 44	1 18	0 39	8 34	1 55	33 17	9 38	21 23	21 14	8 1		n.a.
S 26	23 28	24 27	4 26	22 35	0 12	11 56	4 53	29 35	5 57	3 53	1 21	20 45	1 44	1 19	0 39	8 34	1 55	33 17	9 38	21 23	21 13	7 58		n.a.
S 27	23 33	21 8	4 59	22 16	0 22	11 59	4 54	29 39	6 1	3 51	1 21	20 46	1 44	1 19	0 39	8 34	1 55	33 17	9 38	21 23	21 13	7 55		n.a.
M28	23 36	16 34	5 14	21 56	0 32	12 4	4 55	29 44	6 4	3 49	1 21	20 47	1 44	1 20	0 39	8 34	1 55	33 18	9 38	21 22	21 12	7 52		n.a.
T 29	23 40	11 5	5 10	21 37	0 43	12 9	4 56	29 48	6 7	3 47	1 21	20 48	1 45	1 20	0 39	8 34	1 55	33 18	9 38	21 22	21 11	7 49		n.a.
W30	23n43	5n 1	4n48	21n17	0s54	12n14	4s57	29s52	6s11	3n45	1n20	20s49	1s45	1n21	0s39	8s34	1s55	33s18	9s39	21n22	21n11	7s46		n.a.

Julian Day Number = 1201823.5, Delta T = 09h21m45s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'17, Lahiri = -23°35'16 Julian Calendar 1 June 1423 BCE == Greg. Calendar 19 May 1423 BCE

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

JULY 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 44 14	24♊42'58	12♎37	22♋ 3	16♉35	6°R28	23♍51	5°R52	4°♈48	12°R58	6°R59	4♊16	3♊13	21♓55	n.a.	T 1
F 2	17 48 11	25°40'31	26°44	22°56	17° 1	6♑13	23°56	5♒49	4°49	12♓58	6♑58	4°17	3° 9	22° 2	n.a.	F 2
S 3	17 52 7	26°38'05	10♏43	23°46	17°28	5°59	24° 1	5°46	4°51	12°58	6°57	4°18	3° 6	22° 9	n.a.	S 3
S 4	17 56 4	27°35'40	24°34	24°33	17°57	5°44	24° 6	5°43	4°52	12°58	6°55	4°19	3° 3	22°15	n.a.	S 4
M 5	18 0 1	28°33'17	8♐14	25°16	18°27	5°29	24°12	5°40	4°53	12°58	6°54	4°R19	3° 0	22°22	n.a.	M 5
T 6	18 3 57	29°30'55	21°41	25°55	18°58	5°13	24°18	5°37	4°54	12°58	6°53	4°18	2°57	22°29	n.a.	T 6
W 7	18 7 54	0♋28'35	4♑54	26°30	19°31	4°57	24°23	5°34	4°54	12°57	6°51	4°16	2°54	22°35	n.a.	W 7
T 8	18 11 50	1°26'16	17°52	27° 2	20° 6	4°42	24°29	5°30	4°55	12°57	6°50	4°13	2°50	22°42	n.a.	T 8
F 9	18 15 47	2°23'58	0♒34	27°29	20°41	4°26	24°35	5°27	4°56	12°57	6°49	4° 8	2°47	22°49	n.a.	F 9
S 10	18 19 43	3°21'43	13° 2	27°51	21°18	4°10	24°42	5°23	4°57	12°57	6°47	4° 4	2°44	22°56	n.a.	S 10
S 11	18 23 40	4°19'29	25°16	28° 9	21°56	3°54	24°48	5°20	4°57	12°56	6°46	3°59	2°41	23° 2	n.a.	S 11
M12	18 27 36	5°17'16	7♓19	28°22	22°35	3°38	24°55	5°16	4°58	12°56	6°45	3°55	2°38	23° 9	n.a.	M12
T 13	18 31 33	6°15'06	19°14	28°29	23°15	3°22	25° 1	5°12	4°59	12°55	6°44	3°52	2°34	23°16	n.a.	T 13
W14	18 35 30	7°12'58	1♈ 7	28°R31	23°57	3° 6	25° 8	5° 8	4°59	12°55	6°42	3°51	2°31	23°22	n.a.	W14
T 15	18 39 26	8°10'51	13° 0	28°27	24°39	2°50	25°15	5° 4	5° 0	12°54	6°41	3°D51	2°28	23°29	n.a.	T 15
F 16	18 43 23	9° 8'47	25° 0	28°18	25°22	2°35	25°22	5° 1	5° 0	12°54	6°40	3°52	2°25	23°36	n.a.	F 16
S 17	18 47 19	10° 6'44	7♉11	28° 2	26° 7	2°20	25°29	4°57	5° 1	12°53	6°38	3°53	2°22	23°43	n.a.	S 17
S 18	18 51 16	11° 4'44	19°37	27°40	26°52	2° 5	25°37	4°52	5° 1	12°53	6°37	3°55	2°19	23°49	n.a.	S 18
M19	18 55 12	12° 2'45	2♊23	27°13	27°38	1°50	25°44	4°48	5° 1	12°52	6°36	3°R56	2°15	23°56	n.a.	M19
T 20	18 59 9	13° 0'49	15°31	26°40	28°25	1°36	25°52	4°44	5° 1	12°52	6°34	3°55	2°12	24° 3	n.a.	T 20
W21	19 3 5	13°58'55	29° 1	26° 1	29°13	1°22	26° 0	4°40	5° 2	12°51	6°33	3°53	2° 9	24° 9	n.a.	W21
T 22	19 7 2	14°57'02	12♋54	25°17	0♊ 1	1° 9	26° 8	4°36	5° 2	12°50	6°32	3°48	2° 6	24°16	n.a.	T 22
F 23	19 10 59	15°55'12	27° 5	24°28	0°51	0°56	26°16	4°32	5° 2	12°49	6°30	3°43	2° 3	24°23	n.a.	F 23
S 24	19 14 55	16°53'23	11♌31	23°36	1°41	0°44	26°24	4°27	5°R 2	12°49	6°29	3°36	2° 0	24°30	n.a.	S 24
S 25	19 18 52	17°51'36	26° 4	22°40	2°32	0°32	26°32	4°23	5° 2	12°48	6°28	3°29	1°56	24°36	n.a.	S 25
M26	19 22 48	18°49'51	10♍38	21°43	3°23	0°21	26°40	4°18	5° 2	12°47	6°26	3°24	1°53	24°43	n.a.	M26
T 27	19 26 45	19°48'07	25° 7	20°44	4°15	0°11	26°49	4°14	5° 2	12°46	6°25	3°19	1°50	24°50	n.a.	T 27
W28	19 30 41	20°46'25	9♎26	19°46	5° 8	0° 1	26°58	4° 9	5° 2	12°45	6°24	3°17	1°47	24°56	n.a.	W28
T 29	19 34 38	21°44'45	23°34	18°49	6° 1	29♐52	27° 6	4° 5	5° 1	12°45	6°23	3°D16	1°44	25° 3	n.a.	T 29
F 30	19 38 34	22°43'06	7♏28	17°56	6°55	29°44	27°15	4° 0	5° 1	12°44	6°21	3°17	1°40	25°10	n.a.	F 30
S 31	19 42 31	23♋41'29	21♏ 9	17♋ 7	7♊50	29♐36	27♍24	3♒56	5♈ 1	12♓43	6♑20	3♊18	1♊37	25♓17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n45	1s17	4n 7	20n57	1s 5	12n21	4s57	29s55	6s14	3n42	1n20	20s50	1s45	1n21	0s39	8s34	1s55	33s18	9s39	21n22	21n10	7s43		n.a.	
F 2	23 47	7 30	3 12	20 37	1 16	12 28	4 57	29 59	6 17	3 40	1 20	20 51	1 45	1 22	0 39	8 35	1 55	33 18	9 39	21 23	21 10	7 40		n.a.	
S 3	23 49	13 18	2 6	20 17	1 28	12 36	4 57	30 2	6 19	3 38	1 19	20 52	1 46	1 22	0 39	8 35	1 56	33 19	9 39	21 23	21 9	7 37		n.a.	
S 4	23 50	18 23	0 53	19 58	1 39	12 45	4 56	30 6	6 22	3 35	1 19	20 53	1 46	1 22	0 39	8 35	1 56	33 19	9 39	21 23	21 8	7 34		n.a.	
M 5	23 51	22 25	0s21	19 39	1 51	12 54	4 55	30 9	6 24	3 33	1 19	20 54	1 46	1 23	0 39	8 35	1 56	33 19	9 39	21 23	21 8	7 31		n.a.	
T 6	23 52	25 9	1 34	19 20	2 3	13 3	4 54	30 12	6 26	3 30	1 19	20 55	1 46	1 23	0 39	8 35	1 56	33 19	9 39	21 23	21 7	7 28		n.a.	
W 7	23 52	26 26	2 40	19 1	2 15	13 13	4 53	30 14	6 28	3 28	1 18	20 56	1 46	1 23	0 39	8 35	1 56	33 19	9 39	21 22	21 6	7 26		n.a.	
T 8	23 51	26 13	3 36	18 44	2 26	13 24	4 52	30 17	6 30	3 25	1 18	20 57	1 47	1 24	0 39	8 35	1 56	33 19	9 39	21 22	21 6	7 23		n.a.	
F 9	23 50	24 37	4 20	18 27	2 38	13 35	4 50	30 19	6 32	3 22	1 18	20 58	1 47	1 24	0 39	8 36	1 56	33 20	9 39	21 21	21 5	7 20		n.a.	
S 10	23 49	21 51	4 51	18 11	2 50	13 46	4 48	30 21	6 33	3 19	1 17	20 59	1 47	1 24	0 39	8 36	1 56	33 20	9 40	21 20	21 5	7 17		n.a.	
S 11	23 47	18 9	5 8	17 57	3 1	13 58	4 46	30 23	6 35	3 17	1 17	21 0	1 47	1 25	0 39	8 36	1 56	33 20	9 40	21 19	21 4	7 14		n.a.	
M12	23 45	13 47	5 11	17 43	3 12	14 10	4 44	30 24	6 36	3 14	1 17	21 1	1 47	1 25	0 39	8 36	1 56	33 20	9 40	21 18	21 3	7 11		n.a.	
T 13	23 43	8 56	5 1	17 31	3 23	14 23	4 41	30 26	6 37	3 11	1 17	21 2	1 47	1 25	0 39	8 36	1 56	33 20	9 40	21 18	21 3	7 8		n.a.	
W14	23 40	3 47	4 38	17 21	3 33	14 36	4 39	30 27	6 37	3 8	1 16	21 3	1 48	1 25	0 39	8 37	1 56	33 20	9 40	21 18	21 2	7 5		n.a.	
T 15	23 36	1n31	4 2	17 12	3 43	14 48	4 36	30 28	6 38	3 5	1 16	21 5	1 48	1 25	0 39	8 37	1 56	33 20	9 40	21 18	21 1	7 2		n.a.	
F 16	23 32	6 49	3 16	17 5	3 52	15 2	4 33	30 28	6 38	3 2	1 16	21 6	1 48	1 26	0 39	8 37	1 56	33 21	9 40	21 18	21 1	6 59		n.a.	
S 17	23 28	11 57	2 20	17 0	4 0	15 15	4 30	30 29	6 38	2 58	1 15	21 7	1 48	1 26	0 39	8 37	1 56	33 21	9 40	21 18	21 0	6 56		n.a.	
S 18	23 23	16 43	1 17	16 57	4 7	15 29	4 27	30 29	6 38	2 55	1 15	21 8	1 48	1 26	0 39	8 38	1 57	33 21	9 40	21 18	20 59	6 53		n.a.	
M19	23 18	20 52	0 8	16 57	4 13	15 42	4 24	30 29	6 38	2 52	1 15	21 9	1 48	1 26	0 39	8 38	1 57	33 21	9 40	21 18	20 59	6 50		n.a.	
T 20	23 13	24 6	1n 3	16 58	4 18	15 56	4 20	30 28	6 37	2 49	1 15	21 10	1 49	1 26	0 39	8 38	1 57	33 21	9 40	21 18	20 58	6 47		n.a.	
W21	23 7	26 3	2 12	17 2	4 22	16 10	4 17	30 28	6 37	2 45	1 14	21 12	1 49	1 26	0 39	8 39	1 57	33 21	9 40	21 18	20 58	6 44		n.a.	
T 22	23 0	26 28	3 15	17 9	4 23	16 24	4 13	30 27	6 36	2 42	1 14	21 13	1 49	1 26	0 39	8 39	1 57	33 21	9 40	21 17	20 57	6 41		n.a.	
F 23	22 54	25 9	4 8	17 17	4 23	16 38	4 9	30 26	6 35	2 38	1 14	21 14	1 49	1 26	0 39	8 39	1 57	33 21	9 40	21 16	20 56	6 38		n.a.	
S 24	22 46	22 12	4 46	17 28	4 22	16 52	4 5	30 25	6 34	2 35	1 14	21 15	1 49	1 26	0 39	8 40	1 57	33 21	9 40	21 15	20 56	6 34		n.a.	
S 25	22 39	17 50	5 5	17 41	4 18	17 5	4 1	30 24	6 32	2 31	1 13	21 16	1 49	1 26	0 39	8 40	1 57	33 21	9 40	21 13	20 55	6 31		n.a.	
M26	22 31	12 24	5 6	17 55	4 12	17 19	3 57	30 23	6 31	2 28	1 13	21 18	1 50	1 26	0 39	8 40	1 57	33 22	9 40	21 12	20 54	6 28		n.a.	
T 27	22 22	6 20	4 46	18 12	4 5	17 33	3 53	30 21	6 29	2 24	1 13	21 19	1 50	1 26	0 39	8 41	1 57	33 22	9 40	21 11	20 54	6 25		n.a.	
W28	22 14	0 0	4 9	18 30	3 55	17 47	3 49	30 19	6 27	2 20	1 13	21 20	1 50	1 26	0 39	8 41	1 57	33 22	9 40	21 11	20 53	6 22		n.a.	
T 29	22 4	6s15	3 17	18 49	3 44	18 0	3 45	30 17	6 25	2 17	1 12	21 21	1 50	1 26	0 39	8 42	1 57	33 22	9 40	21 11	20 52	6 19		n.a.	
F 30	21 55	12 8	2 15	19 10	3 31	18 14	3 40	30 15	6 23	2 13	1 12	21 22	1 50	1 26	0 39	8 42	1 57	33 22	9 40	21 11	20 52	6 16		n.a.	
S 31	21n45	17s19	1n 5	19n30	3s16	18n27	3s36	30s13	6s21	2n 9	1n12	21s24	1s50	1n25	0s39	8s42	1s57	33s22	9s40	21n11	20n51	6s13		n.a.	

Julian Day Number = 1201853.5, Delta T = 09h21m43s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'13, Lahiri = -23°35'12 Julian Calendar 1 July 1423 BCE == Greg. Calendar 18 June 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

AUGUST 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 46 28	24♋39'54	4♐36	16°R23	8♊45	29°R30	27♍33	3°R51	5°R 0	12°R42	6°R19	3°R19	1♊34	25♓23	n.a.	S 1
M 2	19 50 24	25°38'21	17°52	15♋46	9°41	29♐23	27°42	3♒47	5♈ 0	12♓41	6♑18	3♊18	1°31	25°30	n.a.	M 2
T 3	19 54 21	26°36'49	0♑56	15°16	10°37	29°18	27°52	3°42	5° 0	12°40	6°16	3°14	1°28	25°37	n.a.	T 3
W 4	19 58 17	27°35'20	13°49	14°54	11°34	29°14	28° 1	3°37	4°59	12°39	6°15	3° 9	1°25	25°43	n.a.	W 4
T 5	20 2 14	28°33'52	26°30	14°42	12°31	29°10	28°11	3°33	4°59	12°37	6°14	3° 1	1°21	25°50	n.a.	T 5
F 6	20 6 10	29°32'27	9♒ 0	14°D38	13°29	29° 7	28°20	3°28	4°58	12°36	6°13	2°51	1°18	25°57	n.a.	F 6
S 7	20 10 7	0♌31'04	21°18	14°44	14°27	29° 5	28°30	3°23	4°57	12°35	6°12	2°40	1°15	26° 4	n.a.	S 7
S 8	20 14 3	1°29'42	3♓27	15° 0	15°25	29° 3	28°40	3°19	4°57	12°34	6°10	2°29	1°12	26°10	n.a.	S 8
M 9	20 18 0	2°28'23	15°26	15°24	16°24	29°D 2	28°50	3°14	4°56	12°33	6° 9	2°20	1° 9	26°17	n.a.	M 9
T 10	20 21 56	3°27'07	27°20	15°58	17°24	29° 3	29° 0	3° 9	4°55	12°32	6° 8	2°12	1° 6	26°24	n.a.	T 10
W11	20 25 53	4°25'52	9♈10	16°41	18°24	29° 3	29°10	3° 4	4°54	12°30	6° 7	2° 6	1° 2	26°30	n.a.	W11
T 12	20 29 50	5°24'41	21° 1	17°32	19°24	29° 5	29°20	3° 0	4°53	12°29	6° 6	2° 3	0°59	26°37	n.a.	T 12
F 13	20 33 46	6°23'31	2♉58	18°30	20°25	29° 8	29°31	2°55	4°52	12°28	6° 5	2°D 2	0°56	26°44	n.a.	F 13
S 14	20 37 43	7°22'24	15° 6	19°36	21°26	29°11	29°41	2°50	4°51	12°27	6° 4	2° 2	0°53	26°51	n.a.	S 14
S 15	20 41 39	8°21'20	27°30	20°49	22°27	29°15	29°51	2°46	4°50	12°25	6° 2	2°R 2	0°50	26°57	n.a.	S 15
M16	20 45 36	9°20'18	10♊16	22° 7	23°29	29°20	0♎ 2	2°41	4°49	12°24	6° 1	2° 2	0°46	27° 4	n.a.	M16
T 17	20 49 32	10°19'18	23°26	23°30	24°32	29°25	0°13	2°36	4°48	12°23	6° 0	2° 0	0°43	27°11	n.a.	T 17
W18	20 53 29	11°18'21	7♋ 4	24°59	25°34	29°32	0°24	2°32	4°47	12°21	5°59	1°56	0°40	27°17	n.a.	W18
T 19	20 57 25	12°17'26	21°10	26°31	26°37	29°39	0°34	2°27	4°46	12°20	5°58	1°49	0°37	27°24	n.a.	T 19
F 20	21 1 22	13°16'34	5♌40	28° 6	27°40	29°46	0°45	2°23	4°45	12°18	5°57	1°40	0°34	27°31	n.a.	F 20
S 21	21 5 19	14°15'43	20°29	29°45	28°44	29°55	0°56	2°18	4°43	12°17	5°56	1°29	0°31	27°38	n.a.	S 21
S 22	21 9 15	15°14'55	5♍28	1♌25	29°48	0♑ 4	1° 8	2°13	4°42	12°16	5°55	1°18	0°27	27°44	n.a.	S 22
M23	21 13 12	16°14'09	20°27	3° 8	0♋52	0°14	1°19	2° 9	4°40	12°14	5°54	1° 8	0°24	27°51	n.a.	M23
T 24	21 17 8	17°13'25	5♎17	4°52	1°56	0°25	1°30	2° 4	4°39	12°13	5°53	1° 1	0°21	27°58	n.a.	T 24
W25	21 21 5	18°12'43	19°52	6°37	3° 1	0°37	1°41	2° 0	4°38	12°11	5°52	0°56	0°18	28° 4	n.a.	W25
T 26	21 25 1	19°12'03	4♏ 8	8°23	4° 6	0°49	1°53	1°56	4°36	12°10	5°52	0°53	0°15	28°11	n.a.	T 26
F 27	21 28 58	20°11'24	18° 2	10° 9	5°11	1° 2	2° 4	1°51	4°34	12° 8	5°51	0°D52	0°12	28°18	n.a.	F 27
S 28	21 32 54	21°10'48	1♐35	11°56	6°16	1°15	2°16	1°47	4°33	12° 6	5°50	0°R53	0° 8	28°25	n.a.	S 28
S 29	21 36 51	22°10'14	14°51	13°43	7°22	1°29	2°28	1°43	4°31	12° 5	5°49	0°52	0° 5	28°31	n.a.	S 29
M30	21 40 47	23° 9'41	27°50	15°29	8°28	1°44	2°39	1°38	4°30	12° 3	5°48	0°50	0° 2	28°38	n.a.	M30
T 31	21 44 44	24♌ 9'11	10♑36	17♌16	9♋34	1♑59	2♎51	1♒34	4♈28	12♓ 2	5♑47	0♊45	29♉59	28♓45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n34	21s33	0s 7	19n52	3s 0	18n40	3s32	30s10	6s19	2n 5	1n12	21s25	1s50	1n25	0s40	8s43	1s57	33s22	9s40	21n11	20n50	6s10			n.a.
M 2	21 23	24 35	1 17	20 13	2 43	18 53	3 27	30 8	6 16	2 1	1 12	21 26	1 50	1 25	0 40	8 43	1 57	33 22	9 40	21 11	20 50	6 7			n.a.
T 3	21 12	26 14	2 23	20 34	2 25	19 6	3 22	30 5	6 14	1 57	1 11	21 27	1 50	1 25	0 40	8 44	1 58	33 22	9 40	21 11	20 49	6 4			n.a.
W 4	21 1	26 26	3 19	20 55	2 7	19 18	3 18	30 3	6 11	1 53	1 11	21 29	1 51	1 25	0 40	8 44	1 58	33 22	9 40	21 9	20 48	6 1			n.a.
T 5	20 49	25 14	4 5	21 15	1 48	19 30	3 13	30 0	6 8	1 49	1 11	21 30	1 51	1 24	0 40	8 45	1 58	33 22	9 40	21 8	20 48	5 58			n.a.
F 6	20 36	22 47	4 38	21 34	1 30	19 42	3 8	29 57	6 6	1 45	1 11	21 31	1 51	1 24	0 40	8 45	1 58	33 22	9 40	21 6	20 47	5 55			n.a.
S 7	20 24	19 20	4 58	21 51	1 11	19 54	3 4	29 54	6 3	1 41	1 10	21 32	1 51	1 24	0 40	8 46	1 58	33 22	9 40	21 4	20 46	5 52			n.a.
S 8	20 11	15 7	5 4	22 8	0 53	20 5	2 59	29 51	6 0	1 37	1 10	21 33	1 51	1 24	0 40	8 46	1 58	33 22	9 40	21 2	20 46	5 49			n.a.
M 9	19 57	10 22	4 56	22 22	0 35	20 16	2 54	29 48	5 57	1 32	1 10	21 35	1 51	1 23	0 40	8 47	1 58	33 22	9 40	21 0	20 45	5 46			n.a.
T 10	19 44	5 17	4 35	22 35	0 18	20 27	2 49	29 45	5 53	1 28	1 10	21 36	1 51	1 23	0 40	8 47	1 58	33 22	9 40	20 58	20 44	5 43			n.a.
W11	19 30	0 1	4 3	22 46	0 2	20 37	2 44	29 42	5 50	1 24	1 10	21 37	1 51	1 22	0 40	8 48	1 58	33 22	9 40	20 57	20 44	5 40			n.a.
T 12	19 15	5n15	3 20	22 54	0n13	20 47	2 39	29 39	5 47	1 19	1 9	21 38	1 51	1 22	0 40	8 48	1 58	33 22	9 40	20 56	20 43	5 37			n.a.
F 13	19 0	10 24	2 28	23 0	0 27	20 57	2 34	29 35	5 44	1 15	1 9	21 39	1 51	1 22	0 40	8 49	1 58	33 22	9 39	20 56	20 42	5 34			n.a.
S 14	18 45	15 14	1 29	23 3	0 40	21 6	2 29	29 32	5 40	1 11	1 9	21 41	1 51	1 21	0 40	8 49	1 58	33 22	9 39	20 56	20 42	5 31			n.a.
S 15	18 30	19 34	0 24	23 4	0 52	21 15	2 24	29 29	5 37	1 6	1 9	21 42	1 51	1 21	0 40	8 50	1 58	33 22	9 39	20 56	20 41	5 27			n.a.
M16	18 14	23 6	0n44	23 2	1 2	21 23	2 19	29 25	5 33	1 2	1 8	21 43	1 51	1 20	0 40	8 50	1 58	33 22	9 39	20 56	20 40	5 24			n.a.
T 17	17 58	25 33	1 51	22 58	1 12	21 31	2 14	29 22	5 30	0 57	1 8	21 44	1 52	1 20	0 40	8 51	1 58	33 22	9 39	20 56	20 40	5 21			n.a.
W18	17 42	26 35	2 55	22 50	1 21	21 38	2 9	29 18	5 26	0 53	1 8	21 45	1 52	1 19	0 40	8 52	1 58	33 22	9 39	20 55	20 39	5 18			n.a.
T 19	17 25	25 56	3 49	22 40	1 28	21 45	2 4	29 15	5 23	0 48	1 8	21 46	1 52	1 19	0 40	8 52	1 58	33 22	9 39	20 53	20 38	5 15			n.a.
F 20	17 8	23 34	4 31	22 27	1 35	21 51	1 59	29 11	5 19	0 44	1 8	21 47	1 52	1 18	0 40	8 53	1 58	33 22	9 39	20 52	20 38	5 12			n.a.
S 21	16 50	19 35	4 56	22 11	1 40	21 57	1 54	29 8	5 16	0 39	1 8	21 48	1 52	1 18	0 40	8 53	1 58	33 22	9 39	20 49	20 37	5 9			n.a.
S 22	16 33	14 19	5 0	21 53	1 44	22 3	1 49	29 4	5 12	0 34	1 7	21 50	1 52	1 17	0 40	8 54	1 58	33 22	9 39	20 47	20 36	5 6			n.a.
M23	16 15	8 12	4 44	21 33	1 48	22 7	1 44	29 0	5 9	0 30	1 7	21 51	1 52	1 17	0 40	8 55	1 58	33 22	9 39	20 45	20 36	5 3			n.a.
T 24	15 57	1 40	4 9	21 10	1 50	22 12	1 39	28 57	5 5	0 25	1 7	21 52	1 52	1 16	0 40	8 55	1 58	33 22	9 38	20 43	20 35	5 0			n.a.
W25	15 38	4s51	3 19	20 45	1 52	22 16	1 34	28 53	5 2	0 20	1 7	21 53	1 52	1 15	0 40	8 56	1 58	33 22	9 38	20 42	20 34	4 57			n.a.
T 26	15 20	10 59	2 16	20 19	1 53	22 19	1 29	28 50	4 58	0 15	1 7	21 54	1 52	1 15	0 40	8 56	1 59	33 21	9 38	20 42	20 34	4 54			n.a.
F 27	15 1	16 26	1 7	19 50	1 53	22 21	1 24	28 46	4 54	0 10	1 6	21 55	1 52	1 14	0 40	8 57	1 59	33 21	9 38	20 42	20 33	4 50			n.a.
S 28	14 41	20 54	0s 4	19 19	1 53	22 23	1 19	28 42	4 51	0 6	1 6	21 56	1 52	1 14	0 40	8 58	1 59	33 21	9 38	20 42	20 32	4 47			n.a.
S 29	14 22	24 12	1 13	18 47	1 52	22 25	1 15	28 38	4 47	0 1	1 6	21 57	1 52	1 13	0 40	8 58	1 59	33 21	9 38	20 42	20 32	4 44			n.a.
M30	14 2	26 8	2 17	18 14	1 51	22 26	1 10	28 35	4 44	0s 4	1 6	21 58	1 52	1 12	0 40	8 59	1 59	33 21	9 38	20 41	20 31	4 41			n.a.
T 31	13n42	26s38	3s13	17n39	1n49	22n26	1s 5	28s31	4s40	0s 9	1n 6	21s59	1s52	1n11	0s40	9s 0	1s59	33s21	9s38	20n40	20n30	4s38			n.a.

Julian Day Number = 1201884.5, Delta T = 09h21m41s
Ecliptic obliquity = 23°51'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'08, Lahiri = -23°35'08 Julian Calendar 1 Aug. 1423 BCE == Greg. Calendar 19 July 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

SEPTEMBER 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 48 41	25♌ 8'42	23♉10	19♌ 2	10♋41	2♉15	3♎ 3	1°R30	4°R26	12°R 0	5°R47	0°R37	29♉56	28♓51	n.a.	W 1
T 2	21 52 37	26° 8'16	5♒34	20°48	11°47	2°32	3°15	1♒26	4♈24	11♓59	5♉46	0♊26	29°52	28°58	n.a.	T 2
F 3	21 56 34	27° 7'51	17°50	22°33	12°54	2°49	3°27	1°22	4°23	11°57	5°45	0°13	29°49	29° 5	n.a.	F 3
S 4	22 0 30	28° 7'29	29°59	24°18	14° 1	3° 7	3°39	1°18	4°21	11°55	5°44	29♉59	29°46	29°11	n.a.	S 4
S 5	22 4 27	29° 7'09	12♓ 0	26° 2	15° 9	3°25	3°51	1°14	4°19	11°54	5°44	29°44	29°43	29°18	n.a.	S 5
M 6	22 8 23	0♍ 6'51	23°55	27°46	16°16	3°44	4° 3	1°11	4°17	11°52	5°43	29°31	29°40	29°25	n.a.	M 6
T 7	22 12 20	1° 6'35	5♈46	29°29	17°24	4° 3	4°15	1° 7	4°15	11°50	5°42	29°20	29°37	29°32	n.a.	T 7
W 8	22 16 16	2° 6'21	17°35	1♍12	18°32	4°23	4°28	1° 3	4°13	11°49	5°42	29°11	29°33	29°38	n.a.	W 8
T 9	22 20 13	3° 6'10	29°25	2°53	19°40	4°43	4°40	0°59	4°11	11°47	5°41	29° 6	29°30	29°45	n.a.	T 9
F 10	22 24 9	4° 6'02	11♉21	4°35	20°49	5° 4	4°53	0°56	4° 9	11°45	5°41	29° 3	29°27	29°52	n.a.	F 10
S 11	22 28 6	5° 5'55	23°26	6°15	21°57	5°25	5° 5	0°52	4° 7	11°44	5°40	29° 2	29°24	29°58	n.a.	S 11
S 12	22 32 3	6° 5'51	5♊46	7°55	23° 6	5°47	5°18	0°49	4° 5	11°42	5°39	29° 2	29°21	0♈ 5	n.a.	S 12
M13	22 35 59	7° 5'50	18°26	9°35	24°15	6° 9	5°30	0°46	4° 3	11°40	5°39	29° 2	29°18	0°12	n.a.	M13
T 14	22 39 56	8° 5'51	1♋32	11°13	25°24	6°32	5°43	0°42	4° 0	11°39	5°38	29° 0	29°14	0°19	n.a.	T 14
W15	22 43 52	9° 5'54	15° 6	12°52	26°34	6°55	5°55	0°39	3°58	11°37	5°38	28°56	29°11	0°25	n.a.	W15
T 16	22 47 49	10° 5'59	29°11	14°29	27°43	7°18	6° 8	0°36	3°56	11°35	5°38	28°49	29° 8	0°32	n.a.	T 16
F 17	22 51 45	11° 6'07	13♌44	16° 6	28°53	7°42	6°21	0°33	3°54	11°34	5°37	28°40	29° 5	0°39	n.a.	F 17
S 18	22 55 42	12° 6'17	28°42	17°43	0♌ 3	8° 7	6°34	0°30	3°51	11°32	5°37	28°29	29° 2	0°45	n.a.	S 18
S 19	22 59 38	13° 6'29	13♍55	19°19	1°13	8°32	6°47	0°27	3°49	11°30	5°36	28°18	28°58	0°52	n.a.	S 19
M20	23 3 35	14° 6'43	29°12	20°55	2°23	8°57	6°59	0°25	3°47	11°29	5°36	28° 7	28°55	0°59	n.a.	M20
T 21	23 7 32	15° 6'58	14♎22	22°30	3°33	9°22	7°12	0°22	3°45	11°27	5°36	27°59	28°52	1° 5	n.a.	T 21
W22	23 11 28	16° 7'16	29°16	24° 4	4°44	9°48	7°25	0°20	3°42	11°25	5°36	27°54	28°49	1°12	n.a.	W22
T 23	23 15 25	17° 7'35	13♏47	25°38	5°54	10°15	7°38	0°17	3°40	11°23	5°35	27°51	28°46	1°19	n.a.	T 23
F 24	23 19 21	18° 7'56	27°51	27°12	7° 5	10°41	7°51	0°15	3°37	11°22	5°35	27°D50	28°43	1°26	n.a.	F 24
S 25	23 23 18	19° 8'19	11♐30	28°45	8°16	11° 8	8° 4	0°12	3°35	11°20	5°35	27°50	28°39	1°32	n.a.	S 25
S 26	23 27 14	20° 8'43	24°44	0♎18	9°27	11°36	8°18	0°10	3°33	11°18	5°35	27°R50	28°36	1°39	n.a.	S 26
M27	23 31 11	21° 9'08	7♑38	1°51	10°38	12° 3	8°31	0° 8	3°30	11°17	5°35	27°49	28°33	1°46	n.a.	M27
T 28	23 35 7	22° 9'36	20°15	3°23	11°49	12°31	8°44	0° 6	3°28	11°15	5°34	27°45	28°30	1°52	n.a.	T 28
W29	23 39 4	23°10'05	2♒38	4°55	13° 0	13° 0	8°57	0° 4	3°25	11°13	5°34	27°39	28°27	1°59	n.a.	W29
T 30	23 43 1	24♍10'35	14♒50	6♎26	14♌12	13♉28	9♎10	0♒ 3	3♈23	11♓12	5♉34	27♉30	28♉23	2♈ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n22	25s45	3s59	17n 3	1n46	22n26	1s 0	28s27	4s36	0s14	1n 6	22s 0	1s52	1n11	0s40	9s 0	1s59	33s21	9s37	20n38	20n30	4s35		n.a.
T 2	13 2	23 36	4 32	16 26	1 43	22 25	0 55	28 23	4 33	0 19	1 5	22 0	1 52	1 10	0 40	9 1	1 59	33 21	9 37	20 36	20 29	4 32		n.a.
F 3	12 41	20 23	4 52	15 48	1 40	22 23	0 50	28 19	4 29	0 24	1 5	22 1	1 52	1 9	0 40	9 1	1 59	33 21	9 37	20 33	20 28	4 29		n.a.
S 4	12 20	16 20	4 59	15 9	1 36	22 21	0 46	28 15	4 26	0 29	1 5	22 2	1 52	1 9	0 40	9 2	1 59	33 21	9 37	20 30	20 28	4 26		n.a.
S 5	11 59	11 40	4 53	14 30	1 32	22 18	0 41	28 11	4 22	0 34	1 5	22 3	1 52	1 8	0 40	9 3	1 59	33 20	9 37	20 27	20 27	4 23		n.a.
M 6	11 38	6 37	4 33	13 49	1 27	22 15	0 36	28 7	4 19	0 39	1 5	22 4	1 52	1 7	0 40	9 3	1 59	33 20	9 37	20 24	20 26	4 19		n.a.
T 7	11 16	1 22	4 2	13 8	1 23	22 11	0 32	28 3	4 15	0 44	1 5	22 5	1 52	1 6	0 40	9 4	1 59	33 20	9 37	20 22	20 25	4 16		n.a.
W 8	10 55	3n57	3 20	12 27	1 18	22 6	0 27	27 59	4 12	0 49	1 5	22 6	1 52	1 5	0 40	9 5	1 59	33 20	9 36	20 20	20 25	4 13		n.a.
T 9	10 33	9 8	2 30	11 45	1 12	22 1	0 23	27 55	4 9	0 54	1 4	22 6	1 52	1 5	0 40	9 5	1 59	33 20	9 36	20 19	20 24	4 10		n.a.
F 10	10 11	14 3	1 32	11 2	1 7	21 55	0 18	27 51	4 5	0 59	1 4	22 7	1 52	1 4	0 40	9 6	1 59	33 20	9 36	20 18	20 23	4 7		n.a.
S 11	9 48	18 29	0 30	10 19	1 1	21 48	0 14	27 47	4 2	1 5	1 4	22 8	1 51	1 3	0 40	9 7	1 59	33 20	9 36	20 18	20 23	4 4		n.a.
S 12	9 26	22 14	0n36	9 36	0 56	21 41	0 10	27 42	3 58	1 10	1 4	22 8	1 51	1 2	0 40	9 7	1 59	33 20	9 36	20 18	20 22	4 1		n.a.
M13	9 4	25 1	1 41	8 53	0 50	21 33	0 5	27 38	3 55	1 15	1 4	22 9	1 51	1 1	0 40	9 8	1 59	33 19	9 36	20 18	20 21	3 58		n.a.
T 14	8 41	26 34	2 43	8 9	0 44	21 25	0 1	27 34	3 52	1 20	1 4	22 10	1 51	1 0	0 40	9 9	1 59	33 19	9 35	20 17	20 21	3 54		n.a.
W15	8 18	26 36	3 38	7 25	0 37	21 16	0n 3	27 29	3 49	1 25	1 4	22 11	1 51	0 59	0 40	9 9	1 59	33 19	9 35	20 16	20 20	3 51		n.a.
T 16	7 55	24 57	4 22	6 41	0 31	21 6	0 7	27 24	3 45	1 31	1 3	22 11	1 51	0 58	0 40	9 10	1 59	33 19	9 35	20 15	20 19	3 48		n.a.
F 17	7 32	21 38	4 51	5 57	0 25	20 56	0 11	27 20	3 42	1 36	1 3	22 12	1 51	0 57	0 40	9 11	1 59	33 19	9 35	20 13	20 18	3 45		n.a.
S 18	7 8	16 49	5 1	5 13	0 18	20 45	0 15	27 15	3 39	1 41	1 3	22 12	1 51	0 57	0 40	9 11	1 59	33 19	9 35	20 10	20 18	3 42		n.a.
S 19	6 45	10 53	4 50	4 29	0 12	20 33	0 19	27 10	3 36	1 46	1 3	22 13	1 51	0 56	0 40	9 12	1 59	33 19	9 35	20 8	20 17	3 39		n.a.
M20	6 22	4 16	4 18	3 45	0 5	20 21	0 23	27 5	3 33	1 52	1 3	22 13	1 51	0 55	0 40	9 13	1 59	33 18	9 34	20 6	20 16	3 36		n.a.
T 21	5 58	2s34	3 29	3 1	0s 1	20 8	0 27	27 0	3 29	1 57	1 3	22 14	1 51	0 54	0 40	9 13	1 59	33 18	9 34	20 4	20 16	3 33		n.a.
W22	5 34	9 9	2 25	2 16	0 8	19 55	0 30	26 55	3 26	2 2	1 3	22 14	1 51	0 53	0 40	9 14	1 59	33 18	9 34	20 2	20 15	3 29		n.a.
T 23	5 10	15 5	1 14	1 32	0 15	19 41	0 34	26 50	3 23	2 8	1 3	22 15	1 51	0 52	0 40	9 15	1 59	33 18	9 34	20 2	20 14	3 26		n.a.
F 24	4 46	20 2	0s 0	0 49	0 21	19 26	0 38	26 45	3 20	2 13	1 2	22 15	1 51	0 51	0 40	9 15	1 59	33 18	9 34	20 2	20 14	3 23		n.a.
S 25	4 22	23 45	1 12	0 5	0 28	19 11	0 41	26 40	3 17	2 18	1 2	22 16	1 51	0 50	0 40	9 16	1 59	33 17	9 33	20 2	20 13	3 20		n.a.
S 26	3 58	26 3	2 18	0s39	0 34	18 55	0 44	26 34	3 14	2 24	1 2	22 16	1 50	0 49	0 40	9 17	1 59	33 17	9 33	20 2	20 12	3 17		n.a.
M27	3 34	26 53	3 15	1 22	0 41	18 39	0 48	26 29	3 11	2 29	1 2	22 16	1 50	0 48	0 40	9 17	1 59	33 17	9 33	20 1	20 11	3 14		n.a.
T 28	3 10	26 17	4 1	2 5	0 47	18 22	0 51	26 23	3 8	2 34	1 2	22 17	1 50	0 47	0 40	9 18	1 59	33 17	9 33	20 1	20 11	3 11		n.a.
W29	2 46	24 22	4 35	2 48	0 54	18 4	0 54	26 18	3 6	2 40	1 2	22 17	1 50	0 46	0 40	9 19	1 59	33 17	9 33	19 59	20 10	3 7		n.a.
T 30	2n21	21s22	4s56	3s31	1s 0	17n46	0n57	26s12	3s 3	2s45	1n 2	22s17	1s50	0n45	0s40	9s19	1s59	33s17	9s33	19n57	20n 9	3s 4		n.a.

Julian Day Number = 1201915.5, Delta T = 09h21m39s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'04, Lahiri = -23°35'04 Julian Calendar 1 Sept. 1423 BCE == Greg. Calendar 19 Aug. 1423 BCE

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

OCTOBER 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 46 57	25♍11'07	26♒55	7♎57	15♌23	13♑57	9♎24	0°R 1	3°R20	11°R10	5°R34	27°R19	28♉20	2♈12	n.a.	F 1
S 2	23 50 54	26°11'40	8♓54	9°27	16°35	14°26	9°37	29♑59	3♈18	11♓ 9	5°D34	27♉ 7	28°17	2°19	n.a.	S 2
S 3	23 54 50	27°12'15	20°49	10°57	17°47	14°56	9°50	29°58	3°15	11° 7	5♑34	26°55	28°14	2°26	n.a.	S 3
M 4	23 58 47	28°12'52	2♈41	12°27	18°59	15°26	10° 4	29°56	3°13	11° 5	5°34	26°44	28°11	2°33	n.a.	M 4
T 5	0 2 43	29°13'30	14°31	13°57	20°11	15°55	10°17	29°55	3°10	11° 4	5°34	26°34	28° 8	2°39	n.a.	T 5
W 6	0 6 40	0♎14'10	26°22	15°25	21°23	16°26	10°30	29°54	3° 8	11° 2	5°34	26°27	28° 4	2°46	n.a.	W 6
T 7	0 10 36	1°14'52	8♉16	16°54	22°35	16°56	10°44	29°53	3° 5	11° 1	5°34	26°23	28° 1	2°53	n.a.	T 7
F 8	0 14 33	2°15'36	20°14	18°22	23°48	17°27	10°57	29°52	3° 3	10°59	5°35	26°21	27°58	2°59	n.a.	F 8
S 9	0 18 29	3°16'21	2♊22	19°49	25° 0	17°58	11°10	29°51	3° 0	10°58	5°35	26°D21	27°55	3° 6	n.a.	S 9
S 10	0 22 26	4°17'08	14°42	21°16	26°13	18°29	11°24	29°50	2°58	10°56	5°35	26°22	27°52	3°13	n.a.	S 10
M11	0 26 23	5°17'57	27°20	22°43	27°25	19° 0	11°37	29°50	2°55	10°54	5°35	26°23	27°49	3°19	n.a.	M11
T 12	0 30 19	6°18'48	10♋19	24° 9	28°38	19°32	11°51	29°49	2°53	10°53	5°36	26°R23	27°45	3°26	n.a.	T 12
W13	0 34 16	7°19'40	23°45	25°34	29°51	20° 4	12° 4	29°49	2°50	10°52	5°36	26°22	27°42	3°33	n.a.	W13
T 14	0 38 12	8°20'34	7♌38	26°58	1♍ 4	20°36	12°18	29°49	2°48	10°50	5°36	26°18	27°39	3°40	n.a.	T 14
F 15	0 42 9	9°21'30	22° 1	28°21	2°17	21° 8	12°31	29°48	2°45	10°49	5°36	26°13	27°36	3°46	n.a.	F 15
S 16	0 46 5	10°22'27	6♍49	29°43	3°30	21°40	12°45	29°D48	2°43	10°47	5°37	26° 6	27°33	3°53	n.a.	S 16
S 17	0 50 2	11°23'26	21°56	1♏ 4	4°43	22°13	12°58	29°48	2°40	10°46	5°37	25°59	27°29	4° 0	n.a.	S 17
M18	0 53 58	12°24'26	7♎13	2°24	5°56	22°46	13°12	29°48	2°38	10°44	5°38	25°52	27°26	4° 6	n.a.	M18
T 19	0 57 55	13°25'27	22°29	3°42	7°10	23°19	13°25	29°49	2°36	10°43	5°38	25°47	27°23	4°13	n.a.	T 19
W20	1 1 52	14°26'29	7♏34	4°58	8°23	23°52	13°39	29°49	2°33	10°42	5°39	25°44	27°20	4°20	n.a.	W20
T 21	1 5 48	15°27'33	22°18	6°12	9°37	24°25	13°52	29°50	2°31	10°40	5°39	25°D42	27°17	4°26	n.a.	T 21
F 22	1 9 45	16°28'37	6♐37	7°24	10°50	24°59	14° 6	29°50	2°28	10°39	5°40	25°43	27°14	4°33	n.a.	F 22
S 23	1 13 41	17°29'43	20°27	8°33	12° 4	25°33	14°20	29°51	2°26	10°38	5°40	25°44	27°10	4°40	n.a.	S 23
S 24	1 17 38	18°30'49	3♑50	9°39	13°17	26° 7	14°33	29°52	2°23	10°36	5°41	25°45	27° 7	4°46	n.a.	S 24
M25	1 21 34	19°31'56	16°49	10°41	14°31	26°41	14°47	29°53	2°21	10°35	5°41	25°R46	27° 4	4°53	n.a.	M25
T 26	1 25 31	20°33'03	29°26	11°40	15°45	27°15	15° 0	29°54	2°19	10°34	5°42	25°46	27° 1	5° 0	n.a.	T 26
W27	1 29 27	21°34'11	11♒46	12°33	16°59	27°49	15°14	29°55	2°16	10°33	5°43	25°44	26°58	5° 7	n.a.	W27
T 28	1 33 24	22°35'20	23°54	13°21	18°12	28°24	15°27	29°56	2°14	10°32	5°43	25°40	26°55	5°13	n.a.	T 28
F 29	1 37 21	23°36'29	5♓52	14° 3	19°26	28°58	15°41	29°57	2°12	10°30	5°44	25°35	26°51	5°20	n.a.	F 29
S 30	1 41 17	24°37'39	17°46	14°38	20°40	29°33	15°54	29°59	2°10	10°29	5°45	25°30	26°48	5°27	n.a.	S 30
S 31	1 45 14	25♎38'50	29♓37	15♏ 6	21♍54	0♒ 8	16♎ 7	0♒ 0	2♈ 7	10♓28	5♑45	25♉24	26♉45	5♈33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n57	17s29	5s 3	4s13	1s 6	17n28	1n 0	26s 6	3s 0	2s51	1n 2	22s18	1s50	0n44	0s40	9s20	1s59	33s16	9s32	19n55	20n 9	3s 1		n.a.
S 2	1 32	12 56	4 57	4 55	1 13	17 9	1 3	26 0	2 57	2 56	1 2	22 18	1 50	0 43	0 40	9 20	1 59	33 16	9 32	19 52	20 8	2 58		n.a.
S 3	1 8	7 56	4 37	5 37	1 19	16 49	1 6	25 54	2 54	3 1	1 1	22 18	1 50	0 42	0 40	9 21	1 59	33 16	9 32	19 49	20 7	2 55		n.a.
M 4	0 43	2 40	4 6	6 18	1 25	16 29	1 9	25 48	2 52	3 7	1 1	22 18	1 50	0 41	0 40	9 22	1 59	33 16	9 32	19 46	20 6	2 52		n.a.
T 5	0 19	2n41	3 24	6 59	1 30	16 8	1 11	25 41	2 49	3 12	1 1	22 19	1 50	0 40	0 40	9 22	1 59	33 16	9 32	19 44	20 6	2 48		n.a.
W 6	0s 6	7 58	2 33	7 39	1 36	15 47	1 14	25 35	2 46	3 18	1 1	22 19	1 49	0 39	0 40	9 23	1 59	33 15	9 31	19 42	20 5	2 45		n.a.
T 7	0 30	13 0	1 36	8 19	1 41	15 26	1 16	25 28	2 43	3 23	1 1	22 19	1 49	0 38	0 40	9 23	1 59	33 15	9 31	19 41	20 4	2 42		n.a.
F 8	0 55	17 36	0 33	8 58	1 47	15 4	1 19	25 22	2 41	3 28	1 1	22 19	1 49	0 37	0 40	9 24	1 59	33 15	9 31	19 41	20 3	2 39		n.a.
S 9	1 19	21 32	0n32	9 36	1 52	14 41	1 21	25 15	2 38	3 34	1 1	22 19	1 49	0 36	0 40	9 25	1 59	33 15	9 31	19 41	20 3	2 36		n.a.
S 10	1 44	24 35	1 37	10 14	1 57	14 18	1 23	25 8	2 36	3 39	1 1	22 19	1 49	0 35	0 40	9 25	1 59	33 15	9 31	19 41	20 2	2 33		n.a.
M11	2 8	26 29	2 39	10 52	2 1	13 55	1 26	25 1	2 33	3 45	1 1	22 19	1 49	0 34	0 40	9 26	1 59	33 14	9 30	19 41	20 1	2 29		n.a.
T 12	2 33	27 1	3 34	11 28	2 6	13 31	1 28	24 54	2 31	3 50	1 1	22 19	1 49	0 33	0 40	9 26	1 59	33 14	9 30	19 41	20 1	2 26		n.a.
W13	2 57	26 0	4 20	12 4	2 10	13 7	1 30	24 46	2 28	3 56	1 1	22 19	1 49	0 32	0 40	9 27	1 59	33 14	9 30	19 41	20 0	2 23		n.a.
T 14	3 22	23 23	4 52	12 38	2 14	12 43	1 32	24 39	2 26	4 1	1 1	22 19	1 49	0 31	0 40	9 27	1 59	33 14	9 30	19 40	19 59	2 20		n.a.
F 15	3 46	19 15	5 7	13 12	2 17	12 18	1 33	24 31	2 23	4 6	1 1	22 19	1 48	0 30	0 40	9 28	1 59	33 14	9 30	19 39	19 58	2 17		n.a.
S 16	4 11	13 50	5 3	13 45	2 20	11 52	1 35	24 24	2 21	4 12	1 0	22 19	1 48	0 29	0 40	9 28	1 59	33 13	9 29	19 37	19 58	2 14		n.a.
S 17	4 35	7 29	4 37	14 16	2 23	11 27	1 37	24 16	2 18	4 17	1 0	22 19	1 48	0 28	0 40	9 29	1 59	33 13	9 29	19 36	19 57	2 10		n.a.
M18	4 59	0 38	3 52	14 47	2 25	11 1	1 38	24 8	2 16	4 23	1 0	22 19	1 48	0 27	0 40	9 29	1 58	33 13	9 29	19 34	19 56	2 7		n.a.
T 19	5 23	6s16	2 50	15 16	2 26	10 34	1 40	24 0	2 14	4 28	1 0	22 18	1 48	0 26	0 40	9 30	1 58	33 13	9 29	19 33	19 55	2 4		n.a.
W20	5 47	12 45	1 37	15 43	2 28	10 7	1 41	23 52	2 11	4 33	1 0	22 18	1 48	0 25	0 40	9 30	1 58	33 13	9 29	19 32	19 55	2 1		n.a.
T 21	6 11	18 22	0 18	16 9	2 28	9 40	1 42	23 44	2 9	4 39	1 0	22 18	1 48	0 24	0 40	9 31	1 58	33 12	9 28	19 32	19 54	1 58		n.a.
F 22	6 35	22 46	0s59	16 33	2 28	9 13	1 43	23 35	2 7	4 44	1 0	22 18	1 48	0 23	0 40	9 31	1 58	33 12	9 28	19 32	19 53	1 54		n.a.
S 23	6 59	25 41	2 11	16 55	2 27	8 46	1 44	23 27	2 4	4 50	1 0	22 17	1 47	0 22	0 40	9 32	1 58	33 12	9 28	19 32	19 52	1 51		n.a.
S 24	7 23	27 1	3 13	17 16	2 26	8 18	1 45	23 18	2 2	4 55	1 0	22 17	1 47	0 21	0 40	9 32	1 58	33 12	9 28	19 32	19 52	1 48		n.a.
M25	7 46	26 48	4 3	17 33	2 23	7 50	1 46	23 9	2 0	5 0	1 0	22 17	1 47	0 20	0 40	9 33	1 58	33 11	9 28	19 33	19 51	1 45		n.a.
T 26	8 10	25 11	4 40	17 49	2 20	7 21	1 47	23 0	1 58	5 6	1 0	22 17	1 47	0 19	0 40	9 33	1 58	33 11	9 28	19 32	19 50	1 42		n.a.
W27	8 33	22 24	5 3	18 2	2 16	6 53	1 48	22 51	1 56	5 11	1 0	22 16	1 47	0 18	0 40	9 34	1 58	33 11	9 27	19 32	19 49	1 39		n.a.
T 28	8 56	18 40	5 12	18 12	2 11	6 24	1 48	22 42	1 54	5 16	1 0	22 16	1 47	0 17	0 40	9 34	1 58	33 11	9 27	19 31	19 49	1 35		n.a.
F 29	9 19	14 15	5 7	18 18	2 4	5 55	1 49	22 33	1 51	5 22	1 0	22 15	1 47	0 17	0 40	9 34	1 58	33 11	9 27	19 30	19 48	1 32		n.a.
S 30	9 42	9 20	4 49	18 22	1 56	5 26	1 49	22 23	1 49	5 27	1 0	22 15	1 47	0 16	0 40	9 35	1 58	33 10	9 27	19 28	19 47	1 29		n.a.
S 31	10s 5	4s 6	4s18	18s21	1s47	4n56	1n49	22s14	1s47	5s32	1n 0	22s14	1s46	0n15	0s40	9s35	1s58	33s10	9s27	19n27	19n47	1s26		n.a.

Julian Day Number = 1201945.5, Delta T = 09h21m38s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°42'00, Lahiri = -23°35'00 Julian Calendar 1 Oct. 1423 BCE == Greg. Calendar 18 Sept. 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

NOVEMBER 1423 BCE (-1422) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 49 10	26♎40'01	11♈27	15♏24	23♍ 8	0♒43	16♎21	0♒ 2	2°R 5	10°R27	5♑46	25°R18	26♉42	5♈40	n.a.	M 1
T 2	1 53 7	27°41'13	23°20	15°R34	24°22	1°18	16°34	0° 4	2♈ 3	10♓26	5°47	25♉14	26°39	5°47	n.a.	T 2
W 3	1 57 3	28°42'25	5♉16	15°33	25°37	1°53	16°48	0° 6	2° 1	10°25	5°48	25°11	26°35	5°53	n.a.	W 3
T 4	2 1 0	29°43'39	17°18	15°21	26°51	2°28	17° 1	0° 8	1°59	10°24	5°49	25° 9	26°32	6° 0	n.a.	T 4
F 5	2 4 56	0♏44'52	29°27	14°57	28° 5	3° 4	17°14	0°10	1°56	10°23	5°50	25°D 9	26°29	6° 7	n.a.	F 5
S 6	2 8 53	1°46'07	11♊45	14°22	29°19	3°39	17°28	0°12	1°54	10°22	5°50	25°10	26°26	6°13	n.a.	S 6
S 7	2 12 50	2°47'23	24°15	13°36	0♎34	4°15	17°41	0°14	1°52	10°21	5°51	25°12	26°23	6°20	n.a.	S 7
M 8	2 16 46	3°48'39	6♋59	12°39	1°48	4°51	17°54	0°17	1°50	10°21	5°52	25°13	26°20	6°27	n.a.	M 8
T 9	2 20 43	4°49'55	20° 0	11°32	3° 2	5°26	18° 8	0°19	1°48	10°20	5°53	25°15	26°16	6°34	n.a.	T 9
W10	2 24 39	5°51'13	3♌22	10°18	4°17	6° 2	18°21	0°22	1°46	10°19	5°54	25°R15	26°13	6°40	n.a.	W10
T 11	2 28 36	6°52'31	17° 5	8°59	5°31	6°38	18°34	0°24	1°44	10°18	5°55	25°15	26°10	6°47	n.a.	T 11
F 12	2 32 32	7°53'50	1♍12	7°37	6°46	7°14	18°47	0°27	1°42	10°17	5°56	25°14	26° 7	6°54	n.a.	F 12
S 13	2 36 29	8°55'09	15°40	6°15	8° 0	7°51	19° 1	0°30	1°41	10°17	5°57	25°12	26° 4	7° 0	n.a.	S 13
S 14	2 40 26	9°56'28	0♎26	4°55	9°15	8°27	19°14	0°33	1°39	10°16	5°59	25°10	26° 0	7° 7	n.a.	S 14
M15	2 44 22	10°57'48	15°24	3°41	10°29	9° 3	19°27	0°36	1°37	10°15	6° 0	25° 8	25°57	7°14	n.a.	M15
T 16	2 48 19	11°59'09	0♏26	2°34	11°44	9°40	19°40	0°39	1°35	10°15	6° 1	25° 7	25°54	7°20	n.a.	T 16
W17	2 52 15	13° 0'29	15°23	1°36	12°59	10°16	19°53	0°43	1°33	10°14	6° 2	25° 6	25°51	7°27	n.a.	W17
T 18	2 56 12	14° 1'50	0♐ 7	0°48	14°13	10°53	20° 6	0°46	1°32	10°14	6° 3	25°D 6	25°48	7°34	n.a.	T 18
F 19	3 0 8	15° 3'11	14°31	0°11	15°28	11°30	20°19	0°50	1°30	10°13	6° 4	25° 6	25°45	7°40	n.a.	F 19
S 20	3 4 5	16° 4'31	28°30	29♎44	16°43	12° 6	20°32	0°53	1°29	10°13	6° 5	25° 7	25°41	7°47	n.a.	S 20
S 21	3 8 2	17° 5'51	12♑ 3	29°27	17°57	12°43	20°45	0°57	1°27	10°12	6° 7	25° 8	25°38	7°54	n.a.	S 21
M22	3 11 58	18° 7'11	25°10	29°D20	19°12	13°20	20°57	1° 1	1°26	10°12	6° 8	25° 9	25°35	8° 1	n.a.	M22
T 23	3 15 55	19° 8'31	7♒53	29°23	20°27	13°57	21°10	1° 5	1°24	10°11	6° 9	25° 9	25°32	8° 7	n.a.	T 23
W24	3 19 51	20° 9'50	20°17	29°34	21°41	14°34	21°23	1° 9	1°23	10°11	6°11	25°R 9	25°29	8°14	n.a.	W24
T 25	3 23 48	21°11'08	2♓26	29°53	22°56	15°11	21°36	1°13	1°21	10°11	6°12	25° 9	25°26	8°21	n.a.	T 25
F 26	3 27 44	22°12'26	14°24	0♏19	24°11	15°49	21°48	1°17	1°20	10°10	6°13	25° 9	25°22	8°27	n.a.	F 26
S 27	3 31 41	23°13'43	26°15	0°52	25°26	16°26	22° 1	1°21	1°19	10°10	6°15	25° 9	25°19	8°34	n.a.	S 27
S 28	3 35 37	24°14'59	8♈ 5	1°31	26°40	17° 3	22°13	1°25	1°17	10°10	6°16	25° 8	25°16	8°41	n.a.	S 28
M29	3 39 34	25°16'15	19°56	2°14	27°55	17°40	22°26	1°30	1°16	10°10	6°17	25°D 8	25°13	8°47	n.a.	M29
T 30	3 43 31	26♏17'31	1♉52	3♏ 3	29♎10	18♒18	22♎38	1♒34	1♈15	10♓10	6♑19	25♉ 8	25♉10	8♈54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s28	1n18	3s37	18s17	1s37	4n27	1n50	22s 4	1s45	5s37	1n 0	22s14	1s46	0n14	0s40	9s36	1s58	33s10	9s26	19n26	19n46	1s23		n.a.
T 2	10 50	6 40	2 46	18 8	1 24	3 57	1 50	21 54	1 43	5 43	1 0	22 13	1 46	0 13	0 40	9 36	1 58	33 10	9 26	19 25	19 45	1 19		n.a.
W 3	11 12	11 50	1 47	17 55	1 11	3 27	1 50	21 44	1 41	5 48	1 0	22 13	1 46	0 12	0 40	9 36	1 58	33 10	9 26	19 24	19 44	1 16		n.a.
T 4	11 34	16 37	0 43	17 37	0 56	2 57	1 50	21 34	1 39	5 53	0 59	22 12	1 46	0 11	0 40	9 37	1 58	33 9	9 26	19 24	19 43	1 13		n.a.
F 5	11 56	20 46	0n24	17 14	0 39	2 27	1 50	21 24	1 37	5 58	0 59	22 12	1 46	0 10	0 40	9 37	1 58	33 9	9 26	19 23	19 43	1 10		n.a.
S 6	12 18	24 5	1 30	16 46	0 21	1 57	1 50	21 13	1 35	6 4	0 59	22 11	1 46	0 10	0 40	9 37	1 58	33 9	9 26	19 24	19 42	1 7		n.a.
S 7	12 39	26 18	2 34	16 14	0 2	1 27	1 49	21 3	1 33	6 9	0 59	22 11	1 46	0 9	0 40	9 38	1 58	33 9	9 25	19 24	19 41	1 3		n.a.
M 8	13 1	27 11	3 31	15 38	0n18	0 56	1 49	20 52	1 32	6 14	0 59	22 10	1 45	0 8	0 40	9 38	1 58	33 8	9 25	19 24	19 40	1 0		n.a.
T 9	13 22	26 36	4 18	14 58	0 38	0 26	1 49	20 42	1 30	6 19	0 59	22 9	1 45	0 7	0 40	9 38	1 58	33 8	9 25	19 25	19 40	0 57		n.a.
W10	13 42	24 30	4 53	14 15	0 58	0s 5	1 48	20 31	1 28	6 24	0 59	22 9	1 45	0 6	0 40	9 38	1 57	33 8	9 25	19 25	19 39	0 54		n.a.
T 11	14 3	20 56	5 13	13 31	1 18	0 35	1 48	20 20	1 26	6 29	0 59	22 8	1 45	0 6	0 40	9 39	1 57	33 8	9 25	19 25	19 38	0 51		n.a.
F 12	14 23	16 7	5 14	12 46	1 37	1 6	1 47	20 9	1 24	6 35	0 59	22 7	1 45	0 5	0 40	9 39	1 57	33 8	9 25	19 25	19 37	0 47		n.a.
S 13	14 43	10 17	4 56	12 2	1 55	1 36	1 46	19 57	1 22	6 40	0 59	22 6	1 45	0 4	0 40	9 39	1 57	33 7	9 24	19 24	19 37	0 44		n.a.
S 14	15 3	3 46	4 18	11 20	2 11	2 7	1 45	19 46	1 21	6 45	0 59	22 6	1 45	0 4	0 40	9 39	1 57	33 7	9 24	19 24	19 36	0 41		n.a.
M15	15 23	3s 4	3 22	10 42	2 25	2 38	1 45	19 35	1 19	6 50	0 59	22 5	1 45	0 3	0 40	9 39	1 57	33 7	9 24	19 23	19 35	0 38		n.a.
T 16	15 42	9 46	2 12	10 8	2 36	3 8	1 44	19 23	1 17	6 55	0 59	22 4	1 45	0 2	0 40	9 40	1 57	33 7	9 24	19 23	19 34	0 34		n.a.
W17	16 1	15 53	0 54	9 39	2 46	3 39	1 43	19 11	1 15	7 0	0 59	22 3	1 44	0 1	0 40	9 40	1 57	33 7	9 24	19 23	19 34	0 31		n.a.
T 18	16 20	20 59	0s28	9 16	2 53	4 9	1 41	18 59	1 14	7 5	0 59	22 2	1 44	0 1	0 40	9 40	1 57	33 6	9 24	19 23	19 33	0 28		n.a.
F 19	16 38	24 42	1 46	8 58	2 58	4 39	1 40	18 47	1 12	7 10	0 59	22 1	1 44	0 0	0 40	9 40	1 57	33 6	9 24	19 23	19 32	0 25		n.a.
S 20	16 56	26 46	2 55	8 45	3 1	5 10	1 39	18 35	1 10	7 15	0 59	22 0	1 44	0s 0	0 40	9 40	1 57	33 6	9 23	19 23	19 31	0 22		n.a.
S 21	17 14	27 9	3 52	8 38	3 2	5 40	1 38	18 23	1 9	7 20	0 59	21 59	1 44	0 1	0 40	9 40	1 57	33 6	9 23	19 23	19 31	0 18		n.a.
M22	17 32	25 59	4 35	8 36	3 2	6 10	1 36	18 11	1 7	7 24	0 59	21 58	1 44	0 2	0 40	9 41	1 57	33 6	9 23	19 23	19 30	0 15		n.a.
T 23	17 49	23 29	5 3	8 39	3 0	6 40	1 35	17 59	1 5	7 29	0 59	21 58	1 44	0 2	0 40	9 41	1 57	33 5	9 23	19 23	19 29	0 12		n.a.
W24	18 6	19 58	5 16	8 45	2 57	7 9	1 33	17 46	1 4	7 34	0 59	21 57	1 44	0 3	0 40	9 41	1 57	33 5	9 23	19 23	19 28	0 9		n.a.
T 25	18 22	15 40	5 15	8 56	2 53	7 39	1 32	17 33	1 2	7 39	0 59	21 55	1 44	0 3	0 39	9 41	1 57	33 5	9 23	19 23	19 27	0 5		n.a.
F 26	18 39	10 50	5 0	9 10	2 48	8 9	1 30	17 21	1 1	7 44	0 59	21 54	1 43	0 4	0 39	9 41	1 57	33 5	9 23	19 23	19 27	0 2		n.a.
S 27	18 55	5 40	4 32	9 26	2 43	8 38	1 29	17 8	0 59	7 48	0 59	21 53	1 43	0 4	0 39	9 41	1 57	33 5	9 23	19 23	19 26	0n 1		n.a.
S 28	19 10	0 18	3 53	9 46	2 37	9 7	1 27	16 55	0 58	7 53	0 59	21 52	1 43	0 5	0 39	9 41	1 56	33 5	9 23	19 23	19 25	0 4		n.a.
M29	19 25	5n 6	3 3	10 7	2 30	9 36	1 25	16 42	0 56	7 58	0 59	21 51	1 43	0 5	0 39	9 41	1 56	33 4	9 22	19 23	19 24	0 7		n.a.
T 30	19s40	10n22	2s 6	10s31	2n23	10s 4	1n23	16s29	0s55	8s 3	0n59	21s50	1s43	0s 6	0s39	9s41	1s56	33s 4	9s22	19n23	19n24	0n11		n.a.

Julian Day Number = 1201976.5, Delta T = 09h21m36s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'56, Lahiri = -23°34'55 Julian Calendar 1 Nov. 1423 BCE == Greg. Calendar 19 Oct. 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1423 BCE
geocentric

DECEMBER 1423 BCE (-1422) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 47 27	27♏18'46	13♉56	3♏56	0♏25	18♒55	22♎50	1♒39	1°R14	10°R 9	6♑20	25♉ 9	25♉ 6	9♈ 1	n.a.	W 1
T 2	3 51 24	28°20'00	26° 9	4°52	1°39	19°33	23° 3	1°44	1♈13	10♓ 9	6°21	25°R 9	25° 3	9° 7	n.a.	T 2
F 3	3 55 20	29°21'14	8♊33	5°52	2°54	20°10	23°15	1°48	1°12	10° 9	6°23	25° 8	25° 0	9°14	n.a.	F 3
S 4	3 59 17	0♐22'27	21° 9	6°55	4° 9	20°48	23°27	1°53	1°11	10°D 9	6°24	25° 8	24°57	9°21	n.a.	S 4
S 5	4 3 13	1°23'40	3♋58	8° 0	5°24	21°25	23°39	1°58	1°10	10° 9	6°26	25° 7	24°54	9°27	n.a.	S 5
M 6	4 7 10	2°24'53	17° 0	9° 8	6°39	22° 3	23°51	2° 3	1° 9	10° 9	6°27	25° 6	24°51	9°34	n.a.	M 6
T 7	4 11 7	3°26'04	0♌16	10°19	7°54	22°41	24° 3	2° 8	1° 8	10° 9	6°29	25° 5	24°47	9°41	n.a.	T 7
W 8	4 15 3	4°27'16	13°46	11°31	9° 8	23°18	24°15	2°13	1° 8	10°10	6°30	25° 5	24°44	9°48	n.a.	W 8
T 9	4 19 0	5°28'26	27°31	12°45	10°23	23°56	24°27	2°19	1° 7	10°10	6°32	25° 4	24°41	9°54	n.a.	T 9
F 10	4 22 56	6°29'37	11♍29	14° 0	11°38	24°34	24°39	2°24	1° 6	10°10	6°33	25°D 4	24°38	10° 1	n.a.	F 10
S 11	4 26 53	7°30'46	25°40	15°17	12°53	25°12	24°50	2°29	1° 5	10°10	6°35	25° 4	24°35	10° 8	n.a.	S 11
S 12	4 30 49	8°31'55	10♎ 3	16°36	14° 8	25°50	25° 2	2°35	1° 5	10°10	6°37	25° 5	24°32	10°14	n.a.	S 12
M13	4 34 46	9°33'03	24°34	17°55	15°23	26°28	25°13	2°40	1° 4	10°11	6°38	25° 6	24°28	10°21	n.a.	M13
T 14	4 38 42	10°34'11	9♏ 8	19°16	16°37	27° 6	25°25	2°46	1° 4	10°11	6°40	25° 7	24°25	10°28	n.a.	T 14
W15	4 42 39	11°35'18	23°41	20°38	17°52	27°44	25°36	2°51	1° 4	10°12	6°41	25°R 8	24°22	10°34	n.a.	W15
T 16	4 46 36	12°36'24	8♐ 7	22° 1	19° 7	28°22	25°48	2°57	1° 3	10°12	6°43	25° 8	24°19	10°41	n.a.	T 16
F 17	4 50 32	13°37'29	22°19	23°25	20°22	29° 0	25°59	3° 3	1° 3	10°12	6°45	25° 6	24°16	10°48	n.a.	F 17
S 18	4 54 29	14°38'33	6♑14	24°50	21°37	29°38	26°10	3° 9	1° 3	10°13	6°46	25° 4	24°12	10°54	n.a.	S 18
S 19	4 58 25	15°39'35	19°47	26°16	22°52	0♓16	26°21	3°15	1° 2	10°13	6°48	25° 1	24° 9	11° 1	n.a.	S 19
M20	5 2 22	16°40'36	2♒58	27°42	24° 6	0°54	26°32	3°21	1° 2	10°14	6°50	24°57	24° 6	11° 8	n.a.	M20
T 21	5 6 18	17°41'36	15°46	29°10	25°21	1°32	26°43	3°27	1° 2	10°15	6°51	24°54	24° 3	11°14	n.a.	T 21
W22	5 10 15	18°42'34	28°14	0♐38	26°36	2°10	26°54	3°33	1°D 2	10°15	6°53	24°52	24° 0	11°21	n.a.	W22
T 23	5 14 12	19°43'30	10♓26	2° 7	27°51	2°48	27° 4	3°39	1° 2	10°16	6°55	24°50	23°57	11°28	n.a.	T 23
F 24	5 18 8	20°44'25	22°26	3°37	29° 6	3°27	27°15	3°45	1° 2	10°16	6°56	24°D50	23°53	11°35	n.a.	F 24
S 25	5 22 5	21°45'18	4♈18	5° 8	0♐20	4° 5	27°25	3°51	1° 2	10°17	6°58	24°50	23°50	11°41	n.a.	S 25
S 26	5 26 1	22°46'10	16° 7	6°39	1°35	4°43	27°36	3°58	1° 2	10°18	7° 0	24°52	23°47	11°48	n.a.	S 26
M27	5 29 58	23°47'00	27°59	8°11	2°50	5°21	27°46	4° 4	1° 3	10°19	7° 1	24°54	23°44	11°55	n.a.	M27
T 28	5 33 54	24°47'48	9♉58	9°44	4° 5	6° 0	27°56	4°11	1° 3	10°20	7° 3	24°56	23°41	12° 1	n.a.	T 28
W29	5 37 51	25°48'35	22° 8	11°18	5°19	6°38	28° 6	4°17	1° 3	10°20	7° 5	24°R56	23°38	12° 8	n.a.	W29
T 30	5 41 47	26°49'20	4♊31	12°52	6°34	7°16	28°16	4°24	1° 4	10°21	7° 7	24°56	23°34	12°15	n.a.	T 30
F 31	5 45 44	27♐50'03	17♊11	14♐28	7♐49	7♓55	28♎26	4♒30	1♈ 4	10♓22	7♑ 8	24♉54	23♉31	12♈21	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s54	15n19	1s 2	10s56	2n16	10s33	1n21	16s15	0s53	8s 7	0n59	21s49	1s43	0s 6	0s39	9s41	1s56	33s 4	9s22	19n23	19n23	0n14		n.a.
T 2	20 8	19 43	0n 6	11 22	2 8	11 1	1 20	16 2	0 52	8 12	0 59	21 48	1 43	0 6	0 39	9 41	1 56	33 4	9 22	19 23	19 22	0 17		n.a.
F 3	20 22	23 20	1 14	11 50	2 0	11 29	1 18	15 49	0 50	8 16	0 59	21 47	1 43	0 7	0 39	9 41	1 56	33 4	9 22	19 23	19 21	0 20		n.a.
S 4	20 35	25 53	2 19	12 18	1 52	11 57	1 16	15 35	0 49	8 21	0 59	21 45	1 43	0 7	0 39	9 41	1 56	33 4	9 22	19 23	19 20	0 24		n.a.
S 5	20 48	27 7	3 19	12 47	1 44	12 24	1 13	15 22	0 47	8 25	0 59	21 44	1 43	0 7	0 39	9 41	1 56	33 3	9 22	19 23	19 20	0 27		n.a.
M 6	21 1	26 53	4 10	13 17	1 36	12 51	1 11	15 8	0 46	8 30	0 59	21 43	1 43	0 8	0 39	9 41	1 56	33 3	9 22	19 23	19 19	0 30		n.a.
T 7	21 13	25 8	4 48	13 48	1 27	13 18	1 9	14 54	0 45	8 34	0 59	21 42	1 42	0 8	0 39	9 41	1 56	33 3	9 22	19 23	19 18	0 33		n.a.
W 8	21 24	21 56	5 11	14 18	1 19	13 44	1 7	14 40	0 43	8 39	0 59	21 40	1 42	0 8	0 39	9 40	1 56	33 3	9 22	19 22	19 17	0 36		n.a.
T 9	21 36	17 29	5 17	14 49	1 11	14 10	1 5	14 26	0 42	8 43	0 59	21 39	1 42	0 9	0 39	9 40	1 56	33 3	9 22	19 22	19 17	0 40		n.a.
F 10	21 47	12 3	5 4	15 20	1 2	14 36	1 3	14 12	0 41	8 47	1 0	21 38	1 42	0 9	0 39	9 40	1 56	33 3	9 21	19 22	19 16	0 43		n.a.
S 11	21 57	5 55	4 33	15 51	0 54	15 1	1 0	13 58	0 39	8 52	1 0	21 36	1 42	0 9	0 39	9 40	1 56	33 2	9 21	19 22	19 15	0 46		n.a.
S 12	22 7	0s37	3 44	16 22	0 46	15 26	0 58	13 44	0 38	8 56	1 0	21 35	1 42	0 9	0 39	9 40	1 56	33 2	9 21	19 23	19 14	0 49		n.a.
M13	22 17	7 11	2 41	16 52	0 38	15 51	0 56	13 29	0 37	9 0	1 0	21 34	1 42	0 9	0 39	9 40	1 56	33 2	9 21	19 23	19 13	0 53		n.a.
T 14	22 26	13 25	1 27	17 23	0 29	16 15	0 53	13 15	0 35	9 5	1 0	21 32	1 42	0 10	0 39	9 39	1 55	33 2	9 21	19 23	19 13	0 56		n.a.
W15	22 34	18 54	0 8	17 53	0 21	16 39	0 51	13 1	0 34	9 9	1 0	21 31	1 42	0 10	0 39	9 39	1 55	33 2	9 21	19 23	19 12	0 59		n.a.
T 16	22 43	23 13	1s11	18 23	0 14	17 2	0 48	12 46	0 33	9 13	1 0	21 30	1 42	0 10	0 39	9 39	1 55	33 2	9 21	19 23	19 11	1 2		n.a.
F 17	22 50	26 3	2 25	18 52	0 6	17 25	0 46	12 31	0 32	9 17	1 0	21 28	1 42	0 10	0 39	9 39	1 55	33 2	9 21	19 23	19 10	1 6		n.a.
S 18	22 58	27 10	3 28	19 20	0s 2	17 47	0 43	12 17	0 30	9 21	1 0	21 27	1 42	0 10	0 39	9 39	1 55	33 1	9 21	19 22	19 9	1 9		n.a.
S 19	23 5	26 37	4 17	19 48	0 9	18 9	0 41	12 2	0 29	9 25	1 0	21 25	1 42	0 10	0 39	9 38	1 55	33 1	9 21	19 21	19 9	1 12		n.a.
M20	23 11	24 34	4 52	20 16	0 16	18 31	0 38	11 47	0 28	9 29	1 0	21 24	1 41	0 10	0 39	9 38	1 55	33 1	9 21	19 21	19 8	1 15		n.a.
T 21	23 17	21 19	5 11	20 43	0 24	18 52	0 36	11 32	0 27	9 33	1 0	21 22	1 41	0 10	0 39	9 38	1 55	33 1	9 21	19 20	19 7	1 19		n.a.
W22	23 22	17 11	5 14	21 9	0 31	19 12	0 33	11 17	0 26	9 37	1 0	21 21	1 41	0 10	0 38	9 37	1 55	33 1	9 21	19 19	19 6	1 22		n.a.
T 23	23 27	12 27	5 3	21 34	0 37	19 32	0 31	11 2	0 25	9 41	1 0	21 19	1 41	0 10	0 38	9 37	1 55	33 1	9 21	19 19	19 5	1 25		n.a.
F 24	23 32	7 19	4 39	21 58	0 44	19 51	0 28	10 47	0 23	9 44	1 0	21 18	1 41	0 10	0 38	9 37	1 55	33 1	9 21	19 19	19 5	1 28		n.a.
S 25	23 36	1 58	4 3	22 21	0 50	20 10	0 26	10 32	0 22	9 48	1 0	21 16	1 41	0 10	0 38	9 37	1 55	33 1	9 21	19 19	19 4	1 32		n.a.
S 26	23 40	3n25	3 17	22 44	0 57	20 28	0 23	10 17	0 21	9 52	1 0	21 14	1 41	0 10	0 38	9 36	1 55	33 1	9 21	19 19	19 3	1 35		n.a.
M27	23 43	8 44	2 23	23 5	1 3	20 46	0 20	10 1	0 20	9 56	1 0	21 13	1 41	0 10	0 38	9 36	1 55	33 0	9 21	19 20	19 2	1 38		n.a.
T 28	23 46	13 47	1 21	23 26	1 8	21 3	0 18	9 46	0 19	9 59	1 0	21 11	1 41	0 9	0 38	9 35	1 55	33 0	9 21	19 20	19 1	1 41		n.a.
W29	23 48	18 23	0 15	23 45	1 14	21 19	0 15	9 31	0 18	10 3	1 0	21 10	1 41	0 9	0 38	9 35	1 55	33 0	9 21	19 20	19 1	1 45		n.a.
T 30	23 49	22 17	0n52	24 3	1 19	21 35	0 13	9 15	0 17	10 6	1 0	21 8	1 41	0 9	0 38	9 35	1 54	33 0	9 21	19 20	19 0	1 48		n.a.
F 31	23s51	25n12	1n59	24s20	1s24	21s50	0n10	9s 0	0s16	10s10	1n 1	21s 6	1s41	0s 9	0s38	9s34	1s54	33s 0	9s21	19n20	18n59	1n51		n.a.

Julian Day Number = 1202006.5, Delta T = 09h21m34s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'52, Lahiri = -23°34'51 Julian Calendar 1 Dec. 1423 BCE == Greg. Calendar 18 Nov. 1423 BCE

The year -1422 astronomical counting style corresponds to year 1423 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

JANUARY 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 49 41	28♐50'45	0♋ 8	16♐ 4	9♐ 3	8♓33	28♎36	4♒37	1♈ 5	10♓23	7♑10	24°R50	23♉28	12♈28	n.a.	S 1
S 2	5 53 37	29°51'25	13°21	17°41	10°18	9°11	28°45	4°44	1° 5	10°24	7°12	24♉45	23°25	12°35	n.a.	S 2
M 3	5 57 34	0♑52'03	26°49	19°18	11°33	9°50	28°55	4°50	1° 6	10°25	7°14	24°39	23°22	12°41	n.a.	M 3
T 4	6 1 30	1°52'41	10♌30	20°57	12°48	10°28	29° 4	4°57	1° 6	10°26	7°15	24°33	23°18	12°48	n.a.	T 4
W 5	6 5 27	2°53'16	24°21	22°36	14° 2	11° 6	29°14	5° 4	1° 7	10°27	7°17	24°27	23°15	12°55	n.a.	W 5
T 6	6 9 23	3°53'50	8♍20	24°16	15°17	11°45	29°23	5°11	1° 8	10°28	7°19	24°23	23°12	13° 1	n.a.	T 6
F 7	6 13 20	4°54'23	22°25	25°58	16°32	12°23	29°32	5°18	1° 9	10°30	7°20	24°21	23° 9	13° 8	n.a.	F 7
S 8	6 17 16	5°54'54	6♎32	27°40	17°46	13° 1	29°41	5°25	1° 9	10°31	7°22	24°D20	23° 6	13°15	n.a.	S 8
S 9	6 21 13	6°55'23	20°41	29°23	19° 1	13°40	29°50	5°32	1°10	10°32	7°24	24°21	23° 3	13°21	n.a.	S 9
M10	6 25 10	7°55'51	4♏50	1♑ 6	20°16	14°18	29°59	5°39	1°11	10°33	7°26	24°22	22°59	13°28	n.a.	M10
T 11	6 29 6	8°56'18	18°57	2°51	21°30	14°57	0♏ 7	5°46	1°12	10°34	7°27	24°R23	22°56	13°35	n.a.	T 11
W12	6 33 3	9°56'43	3♐ 1	4°37	22°45	15°35	0°16	5°53	1°13	10°36	7°29	24°23	22°53	13°41	n.a.	W12
T 13	6 36 59	10°57'07	16°59	6°24	23°59	16°13	0°24	6° 0	1°14	10°37	7°31	24°20	22°50	13°48	n.a.	T 13
F 14	6 40 56	11°57'28	0♑48	8°11	25°14	16°52	0°32	6° 7	1°16	10°38	7°33	24°16	22°47	13°55	n.a.	F 14
S 15	6 44 52	12°57'48	14°24	10° 0	26°29	17°30	0°40	6°14	1°17	10°40	7°34	24° 9	22°44	14° 1	n.a.	S 15
S 16	6 48 49	13°58'06	27°45	11°49	27°43	18° 9	0°48	6°21	1°18	10°41	7°36	24° 1	22°40	14° 8	n.a.	S 16
M17	6 52 46	14°58'22	10♒49	13°40	28°58	18°47	0°56	6°29	1°19	10°43	7°38	23°51	22°37	14°15	n.a.	M17
T 18	6 56 42	15°58'36	23°34	15°31	0♑12	19°26	1° 4	6°36	1°21	10°44	7°40	23°42	22°34	14°22	n.a.	T 18
W19	7 0 39	16°58'47	6♓ 1	17°24	1°27	20° 4	1°11	6°43	1°22	10°45	7°41	23°34	22°31	14°28	n.a.	W19
T 20	7 4 35	17°58'57	18°14	19°17	2°42	20°43	1°19	6°51	1°24	10°47	7°43	23°27	22°28	14°35	n.a.	T 20
F 21	7 8 32	18°59'04	0♈14	21°11	3°56	21°21	1°26	6°58	1°25	10°48	7°45	23°23	22°24	14°42	n.a.	F 21
S 22	7 12 28	19°59'08	12° 6	23° 6	5°11	21°59	1°33	7° 5	1°27	10°50	7°47	23°21	22°21	14°48	n.a.	S 22
S 23	7 16 25	20°59'11	23°55	25° 1	6°25	22°38	1°40	7°13	1°28	10°52	7°48	23°D20	22°18	14°55	n.a.	S 23
M24	7 20 21	21°59'11	5♉47	26°57	7°40	23°16	1°47	7°20	1°30	10°53	7°50	23°21	22°15	15° 2	n.a.	M24
T 25	7 24 18	22°59'09	17°46	28°53	8°54	23°55	1°53	7°28	1°32	10°55	7°52	23°R22	22°12	15° 8	n.a.	T 25
W26	7 28 14	23°59'04	29°58	0♒50	10° 9	24°33	2° 0	7°35	1°33	10°56	7°53	23°22	22° 9	15°15	n.a.	W26
T 27	7 32 11	24°58'57	12♊28	2°46	11°23	25°12	2° 6	7°43	1°35	10°58	7°55	23°20	22° 5	15°22	n.a.	T 27
F 28	7 36 8	25°58'48	25°17	4°43	12°37	25°50	2°12	7°50	1°37	11° 0	7°57	23°16	22° 2	15°28	n.a.	F 28
S 29	7 40 4	26°58'37	8♋30	6°39	13°52	26°29	2°19	7°58	1°39	11° 2	7°58	23° 9	21°59	15°35	n.a.	S 29
S 30	7 44 1	27°58'24	22° 4	8°34	15° 6	27° 7	2°24	8° 5	1°41	11° 3	8° 0	23° 0	21°56	15°42	n.a.	S 30
M31	7 47 57	28♑58'08	5♌58	10♒29	16♑21	27♓45	2♏30	8♒13	1♈43	11♓ 5	8♑ 2	22♉49	21♉53	15♈48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	26n52	3n 0	24s35	1s29	22s 5	0n 7	8s44	0s15	10s13	1n 1	21s 5	1s41	0s 9	0s38	9s34	1s54	33s 0	9s21	19n19	18n58	1n54		n.a.
S 2	23 52	27 3	3 53	24 50	1 33	22 18	0 5	8 28	0 14	10 17	1 1	21 3	1 41	0 8	0 38	9 33	1 54	33 0	9 21	19 18	18 57	1 58		n.a.
M 3	23 52	25 39	4 35	25 2	1 37	22 32	0 2	8 13	0 13	10 20	1 1	21 1	1 41	0 8	0 38	9 33	1 54	33 0	9 21	19 16	18 57	2 1		n.a.
T 4	23 51	22 44	5 1	25 14	1 41	22 44	0s 0	7 57	0 12	10 24	1 1	21 0	1 41	0 8	0 38	9 33	1 54	33 0	9 21	19 15	18 56	2 4		n.a.
W 5	23 50	18 30	5 10	25 24	1 45	22 56	0 3	7 41	0 10	10 27	1 1	20 58	1 41	0 8	0 38	9 32	1 54	33 0	9 21	19 13	18 55	2 7		n.a.
T 6	23 48	13 13	5 1	25 32	1 48	23 7	0 5	7 26	0 9	10 30	1 1	20 56	1 41	0 7	0 38	9 32	1 54	33 0	9 21	19 12	18 54	2 11		n.a.
F 7	23 46	7 15	4 34	25 39	1 51	23 18	0 8	7 10	0 8	10 33	1 1	20 54	1 41	0 7	0 38	9 31	1 54	33 0	9 21	19 11	18 53	2 14		n.a.
S 8	23 44	0 53	3 50	25 44	1 53	23 28	0 10	6 54	0 8	10 36	1 1	20 53	1 41	0 6	0 38	9 31	1 54	32 59	9 21	19 11	18 52	2 17		n.a.
S 9	23 41	5s33	2 52	25 47	1 55	23 37	0 13	6 38	0 7	10 39	1 1	20 51	1 41	0 6	0 38	9 30	1 54	32 59	9 21	19 11	18 52	2 20		n.a.
M10	23 37	11 44	1 44	25 49	1 57	23 45	0 15	6 22	0 6	10 42	1 1	20 49	1 41	0 6	0 38	9 30	1 54	32 59	9 21	19 12	18 51	2 24		n.a.
T 11	23 33	17 18	0 29	25 48	1 58	23 53	0 18	6 6	0 5	10 45	1 1	20 47	1 41	0 5	0 38	9 29	1 54	32 59	9 21	19 12	18 50	2 27		n.a.
W12	23 29	21 54	0s47	25 46	1 59	24 0	0 20	5 50	0 4	10 48	1 1	20 45	1 41	0 5	0 38	9 28	1 54	32 59	9 21	19 12	18 49	2 30		n.a.
T 13	23 24	25 11	1 59	25 42	2 0	24 6	0 23	5 34	0 3	10 51	1 1	20 44	1 41	0 4	0 38	9 28	1 54	32 59	9 21	19 11	18 48	2 33		n.a.
F 14	23 19	26 55	3 3	25 36	2 0	24 11	0 25	5 18	0 2	10 54	1 2	20 42	1 41	0 4	0 38	9 27	1 54	32 59	9 22	19 10	18 48	2 37		n.a.
S 15	23 13	26 59	3 56	25 28	2 0	24 16	0 27	5 2	0 1	10 57	1 2	20 40	1 41	0 3	0 38	9 27	1 54	32 59	9 22	19 9	18 47	2 40		n.a.
S 16	23 7	25 28	4 35	25 18	1 59	24 20	0 30	4 46	0 0	11 0	1 2	20 38	1 41	0 3	0 38	9 26	1 54	32 59	9 22	19 6	18 46	2 43		n.a.
M17	23 0	22 36	4 58	25 5	1 57	24 23	0 32	4 30	0n 1	11 2	1 2	20 36	1 41	0 2	0 37	9 26	1 54	32 59	9 22	19 4	18 45	2 46		n.a.
T 18	22 53	18 42	5 6	24 51	1 55	24 26	0 34	4 14	0 2	11 5	1 2	20 34	1 41	0 2	0 37	9 25	1 53	32 59	9 22	19 2	18 44	2 50		n.a.
W19	22 46	14 5	4 59	24 34	1 53	24 28	0 36	3 58	0 3	11 8	1 2	20 32	1 41	0 1	0 37	9 24	1 53	32 59	9 22	19 0	18 43	2 53		n.a.
T 20	22 38	8 59	4 38	24 16	1 50	24 29	0 38	3 42	0 3	11 10	1 2	20 31	1 41	0 0	0 37	9 24	1 53	32 59	9 22	18 58	18 43	2 56		n.a.
F 21	22 30	3 39	4 6	23 55	1 46	24 29	0 41	3 25	0 4	11 13	1 2	20 29	1 41	0n 0	0 37	9 23	1 53	32 59	9 22	18 57	18 42	2 59		n.a.
S 22	22 21	1n46	3 23	23 31	1 42	24 28	0 43	3 9	0 5	11 15	1 2	20 27	1 41	0 1	0 37	9 22	1 53	32 59	9 22	18 56	18 41	3 3		n.a.
S 23	22 12	7 6	2 31	23 6	1 37	24 27	0 45	2 53	0 6	11 17	1 2	20 25	1 41	0 2	0 37	9 22	1 53	32 59	9 22	18 56	18 40	3 6		n.a.
M24	22 2	12 13	1 33	22 38	1 32	24 25	0 47	2 37	0 7	11 20	1 2	20 23	1 41	0 2	0 37	9 21	1 53	32 59	9 22	18 56	18 39	3 9		n.a.
T 25	21 52	16 57	0 30	22 8	1 25	24 22	0 49	2 20	0 8	11 22	1 3	20 21	1 41	0 3	0 37	9 20	1 53	32 59	9 23	18 57	18 38	3 12		n.a.
W26	21 42	21 5	0n35	21 36	1 19	24 19	0 51	2 4	0 8	11 24	1 3	20 19	1 41	0 4	0 37	9 20	1 53	32 59	9 23	18 57	18 38	3 16		n.a.
T 27	21 31	24 21	1 40	21 3	1 11	24 14	0 53	1 48	0 9	11 26	1 3	20 17	1 41	0 4	0 37	9 19	1 53	32 59	9 23	18 56	18 37	3 19		n.a.
F 28	21 20	26 28	2 42	20 27	1 3	24 9	0 55	1 32	0 10	11 28	1 3	20 15	1 41	0 5	0 37	9 18	1 53	32 59	9 23	18 55	18 36	3 22		n.a.
S 29	21 8	27 11	3 36	19 49	0 54	24 4	0 56	1 16	0 11	11 30	1 3	20 13	1 41	0 6	0 37	9 18	1 53	32 59	9 23	18 53	18 35	3 25		n.a.
S 30	20 56	26 18	4 20	19 10	0 45	23 57	0 58	0 59	0 12	11 32	1 3	20 11	1 41	0 7	0 37	9 17	1 53	32 59	9 23	18 51	18 34	3 29		n.a.
M31	20s44	23n47	4n50	18s29	0s35	23s50	1s 0	0s43	0n12	11s34	1n 3	20s 9	1s41	0n 8	0s37	9s16	1s53	32s59	9s23	18n48	18n33	3n32		n.a.

Julian Day Number = 1202037.5, Delta T = 09h21m32s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'48, Lahiri = -23°34'47 Julian Calendar 1 Jan. 1422 BCE == Greg. Calendar 19 Dec. 1423 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

FEBRUARY 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 51 54	29♉57'50	20♌ 7	12♒21	17♉35	28♓24	2♏36	8♒20	1♈45	11♓ 7	8♉ 3	22°R38	21♉50	15♈55	n.a.	T 1
W 2	7 55 50	0♒57'30	4♍27	14°13	18°50	29° 2	2°41	8°28	1°47	11° 9	8° 5	22♉28	21°46	16° 2	n.a.	W 2
T 3	7 59 47	1°57'08	18°50	16° 1	20° 4	29°41	2°46	8°36	1°49	11°11	8° 7	22°20	21°43	16° 8	n.a.	T 3
F 4	8 3 43	2°56'44	3♎13	17°48	21°18	0♈19	2°52	8°43	1°51	11°12	8° 8	22°14	21°40	16°15	n.a.	F 4
S 5	8 7 40	3°56'18	17°31	19°31	22°33	0°58	2°57	8°51	1°53	11°14	8°10	22°11	21°37	16°22	n.a.	S 5
S 6	8 11 37	4°55'50	1♏40	21°10	23°47	1°36	3° 1	8°58	1°55	11°16	8°12	22°D10	21°34	16°28	n.a.	S 6
M 7	8 15 33	5°55'20	15°41	22°45	25° 1	2°14	3° 6	9° 6	1°57	11°18	8°13	22°R10	21°30	16°35	n.a.	M 7
T 8	8 19 30	6°54'49	29°32	24°16	26°16	2°53	3°10	9°14	2° 0	11°20	8°15	22°10	21°27	16°42	n.a.	T 8
W 9	8 23 26	7°54'16	13♐14	25°42	27°30	3°31	3°15	9°21	2° 2	11°22	8°16	22° 9	21°24	16°48	n.a.	W 9
T 10	8 27 23	8°53'41	26°47	27° 2	28°44	4° 9	3°19	9°29	2° 4	11°24	8°18	22° 5	21°21	16°55	n.a.	T 10
F 11	8 31 19	9°53'03	10♑11	28°17	29°59	4°48	3°23	9°36	2° 7	11°26	8°19	21°58	21°18	17° 2	n.a.	F 11
S 12	8 35 16	10°52'24	23°23	29°25	1♒13	5°26	3°26	9°44	2° 9	11°28	8°21	21°48	21°15	17° 8	n.a.	S 12
S 13	8 39 12	11°51'43	6♒23	0♓27	2°27	6° 5	3°30	9°52	2°12	11°30	8°22	21°36	21°11	17°15	n.a.	S 13
M14	8 43 9	12°50'59	19°11	1°22	3°42	6°43	3°33	9°59	2°14	11°32	8°24	21°23	21° 8	17°22	n.a.	M14
T 15	8 47 6	13°50'13	1♓45	2° 9	4°56	7°21	3°37	10° 7	2°17	11°34	8°25	21° 9	21° 5	17°28	n.a.	T 15
W16	8 51 2	14°49'25	14° 5	2°50	6°10	8° 0	3°40	10°15	2°19	11°36	8°27	20°57	21° 2	17°35	n.a.	W16
T 17	8 54 59	15°48'34	26°13	3°24	7°24	8°38	3°43	10°22	2°22	11°38	8°28	20°46	20°59	17°42	n.a.	T 17
F 18	8 58 55	16°47'41	8♈10	3°50	8°39	9°16	3°45	10°30	2°24	11°40	8°30	20°39	20°56	17°48	n.a.	F 18
S 19	9 2 52	17°46'46	20° 1	4° 8	9°53	9°55	3°48	10°37	2°27	11°42	8°31	20°34	20°52	17°55	n.a.	S 19
S 20	9 6 48	18°45'48	1♉49	4°19	11° 7	10°33	3°50	10°45	2°30	11°44	8°33	20°32	20°49	18° 2	n.a.	S 20
M21	9 10 45	19°44'48	13°39	4°R23	12°21	11°11	3°52	10°52	2°32	11°46	8°34	20°31	20°46	18° 8	n.a.	M21
T 22	9 14 41	20°43'45	25°37	4°20	13°35	11°50	3°54	11° 0	2°35	11°49	8°35	20°31	20°43	18°15	n.a.	T 22
W23	9 18 38	21°42'40	7♊48	4°10	14°50	12°28	3°56	11° 8	2°38	11°51	8°37	20°30	20°40	18°22	n.a.	W23
T 24	9 22 34	22°41'33	20°18	3°53	16° 4	13° 6	3°58	11°15	2°41	11°53	8°38	20°28	20°36	18°28	n.a.	T 24
F 25	9 26 31	23°40'23	3♋11	3°31	17°18	13°45	3°59	11°23	2°44	11°55	8°39	20°24	20°33	18°35	n.a.	F 25
S 26	9 30 28	24°39'11	16°29	3° 3	18°32	14°23	4° 0	11°30	2°46	11°57	8°41	20°17	20°30	18°42	n.a.	S 26
S 27	9 34 24	25°37'56	0♌15	2°30	19°46	15° 1	4° 1	11°38	2°49	11°59	8°42	20° 7	20°27	18°48	n.a.	S 27
M28	9 38 21	26♒36'39	14♌26	1♓53	21♒ 0	15♈39	4♏ 2	11♒45	2♈52	12♓ 2	8♉43	19♉56	20♉24	18♈55	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s31	19n48	5n 2	17s47	0s24	23s42	1s 1	0s27	0n13	11s36	1n 3	20s 7	1s41	0n 8	0s37	9s16	1s53	32s59	9s23	18n45	18n33	3n35		n.a.
W 2	20 18	14 37	4 56	17 4	0 13	23 33	1 3	0 11	0 14	11 38	1 3	20 5	1 41	0 9	0 37	9 15	1 53	32 59	9 24	18 43	18 32	3 38		n.a.
T 3	20 5	8 38	4 31	16 20	0 1	23 24	1 5	0n 6	0 15	11 40	1 3	20 3	1 41	0 10	0 37	9 14	1 53	32 59	9 24	18 41	18 31	3 42		n.a.
F 4	19 51	2 11	3 49	15 36	0n11	23 14	1 6	0 22	0 15	11 41	1 4	20 1	1 41	0 11	0 37	9 13	1 53	32 59	9 24	18 39	18 30	3 45		n.a.
S 5	19 37	4s20	2 53	14 51	0 24	23 3	1 8	0 38	0 16	11 43	1 4	19 59	1 41	0 12	0 37	9 13	1 53	32 59	9 24	18 38	18 29	3 48		n.a.
S 6	19 22	10 36	1 47	14 7	0 37	22 52	1 9	0 54	0 17	11 44	1 4	19 57	1 41	0 13	0 37	9 12	1 53	32 59	9 24	18 38	18 28	3 51		n.a.
M 7	19 7	16 17	0 34	13 23	0 50	22 39	1 10	1 10	0 18	11 46	1 4	19 55	1 41	0 14	0 37	9 11	1 53	32 59	9 24	18 38	18 28	3 55		n.a.
T 8	18 52	21 3	0s39	12 40	1 4	22 27	1 12	1 27	0 18	11 47	1 4	19 53	1 41	0 15	0 37	9 10	1 53	32 59	9 25	18 38	18 27	3 58		n.a.
W 9	18 37	24 36	1 49	11 58	1 17	22 13	1 13	1 43	0 19	11 49	1 4	19 51	1 41	0 16	0 37	9 9	1 53	33 0	9 25	18 38	18 26	4 1		n.a.
T 10	18 21	26 42	2 52	11 18	1 31	21 59	1 14	1 59	0 20	11 50	1 4	19 49	1 41	0 17	0 37	9 9	1 53	33 0	9 25	18 37	18 25	4 5		n.a.
F 11	18 5	27 12	3 45	10 39	1 44	21 44	1 15	2 15	0 20	11 51	1 4	19 47	1 41	0 18	0 37	9 8	1 53	33 0	9 25	18 35	18 24	4 8		n.a.
S 12	17 49	26 8	4 25	10 3	1 58	21 29	1 16	2 31	0 21	11 53	1 4	19 45	1 41	0 19	0 37	9 7	1 52	33 0	9 25	18 32	18 23	4 11		n.a.
S 13	17 32	23 40	4 50	9 29	2 10	21 13	1 17	2 47	0 22	11 54	1 4	19 43	1 41	0 20	0 37	9 6	1 52	33 0	9 25	18 29	18 23	4 14		n.a.
M14	17 15	20 4	5 0	8 58	2 23	20 56	1 18	3 3	0 22	11 55	1 5	19 41	1 41	0 21	0 37	9 5	1 52	33 0	9 26	18 26	18 22	4 18		n.a.
T 15	16 58	15 37	4 55	8 29	2 35	20 39	1 19	3 19	0 23	11 56	1 5	19 39	1 41	0 22	0 37	9 5	1 52	33 0	9 26	18 22	18 21	4 21		n.a.
W16	16 41	10 36	4 36	8 4	2 46	20 21	1 20	3 35	0 24	11 57	1 5	19 37	1 41	0 23	0 36	9 4	1 52	33 0	9 26	18 19	18 20	4 24		n.a.
T 17	16 23	5 16	4 5	7 42	2 56	20 3	1 21	3 51	0 24	11 58	1 5	19 35	1 42	0 24	0 36	9 3	1 52	33 0	9 26	18 16	18 19	4 27		n.a.
F 18	16 5	0n11	3 24	7 24	3 6	19 44	1 21	4 7	0 25	11 58	1 5	19 33	1 42	0 25	0 36	9 2	1 52	33 0	9 26	18 14	18 18	4 31		n.a.
S 19	15 46	5 35	2 34	7 9	3 15	19 24	1 22	4 23	0 26	11 59	1 5	19 31	1 42	0 26	0 36	9 1	1 52	33 0	9 27	18 12	18 17	4 34		n.a.
S 20	15 28	10 48	1 37	6 58	3 22	19 4	1 23	4 39	0 26	12 0	1 5	19 29	1 42	0 27	0 36	9 0	1 52	33 1	9 27	18 12	18 17	4 37		n.a.
M21	15 9	15 38	0 36	6 51	3 28	18 43	1 23	4 55	0 27	12 0	1 5	19 27	1 42	0 28	0 36	9 0	1 52	33 1	9 27	18 12	18 16	4 40		n.a.
T 22	14 50	19 56	0n27	6 48	3 33	18 22	1 24	5 11	0 28	12 1	1 5	19 25	1 42	0 30	0 36	8 59	1 52	33 1	9 27	18 12	18 15	4 44		n.a.
W23	14 31	23 29	1 30	6 48	3 36	18 1	1 24	5 26	0 28	12 2	1 6	19 22	1 42	0 31	0 36	8 58	1 52	33 1	9 28	18 12	18 14	4 47		n.a.
T 24	14 12	26 0	2 31	6 52	3 38	17 39	1 24	5 42	0 29	12 2	1 6	19 20	1 42	0 32	0 36	8 57	1 52	33 1	9 28	18 11	18 13	4 50		n.a.
F 25	13 52	27 15	3 25	7 0	3 39	17 16	1 25	5 58	0 29	12 2	1 6	19 18	1 42	0 33	0 36	8 56	1 52	33 1	9 28	18 10	18 12	4 53		n.a.
S 26	13 32	26 58	4 10	7 12	3 37	16 53	1 25	6 13	0 30	12 3	1 6	19 16	1 42	0 34	0 36	8 55	1 52	33 1	9 28	18 8	18 11	4 57		n.a.
S 27	13 12	25 3	4 43	7 26	3 34	16 29	1 25	6 29	0 30	12 3	1 6	19 14	1 42	0 35	0 36	8 55	1 52	33 1	9 28	18 5	18 11	5 0		n.a.
M28	12s52	21n33	4n59	7s44	3n30	16s 5	1s25	6n45	0n31	12s 3	1n 6	19s12	1s42	0n37	0s36	8s54	1s52	33s 2	9s29	18n 2	18n10	5n 3		n.a.

Julian Day Number = 1202068.5, Delta T = 09h21m31s
Ecliptic obliquity = 23°51'49, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'43, Lahiri = -23°34'43 Julian Calendar 1 Feb. 1422 BCE == Greg. Calendar 19 Jan. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

MARCH 1422 BCE (-1421) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 42 17	27♒35'20	28♌57	1°R13	22♒14	16♈18	4♏ 3	11♒53	2♈55	12♓ 4	8♉45	19°R45	20♉21	19♈ 2	n.a.	T 1
W 2	9 46 14	28°33'59	13♍41	0♓30	23°29	16°56	4° 3	12° 0	2°58	12° 6	8°46	19♉34	20°17	19° 8	n.a.	W 2
T 3	9 50 10	29°32'35	28°31	29♒45	24°43	17°34	4° 3	12° 7	3° 1	12° 8	8°47	19°25	20°14	19°15	n.a.	T 3
F 4	9 54 7	0♓31'10	13♎18	29° 0	25°57	18°12	4°R 3	12°15	3° 4	12°10	8°48	19°18	20°11	19°22	n.a.	F 4
S 5	9 58 3	1°29'43	27°55	28°14	27°11	18°50	4° 3	12°22	3° 7	12°13	8°49	19°15	20° 8	19°28	n.a.	S 5
S 6	10 2 0	2°28'14	12♏17	27°30	28°25	19°29	4° 3	12°29	3°10	12°15	8°51	19°13	20° 5	19°35	n.a.	S 6
M 7	10 5 56	3°26'43	26°23	26°47	29°39	20° 7	4° 3	12°37	3°14	12°17	8°52	19°13	20° 1	19°42	n.a.	M 7
T 8	10 9 53	4°25'11	10♐12	26° 7	0♓53	20°45	4° 2	12°44	3°17	12°19	8°53	19°13	19°58	19°48	n.a.	T 8
W 9	10 13 50	5°23'37	23°45	25°29	2° 7	21°23	4° 1	12°51	3°20	12°22	8°54	19°12	19°55	19°55	n.a.	W 9
T 10	10 17 46	6°22'02	7♑ 2	24°55	3°21	22° 1	4° 0	12°59	3°23	12°24	8°55	19° 9	19°52	20° 2	n.a.	T 10
F 11	10 21 43	7°20'24	20° 7	24°25	4°35	22°39	3°59	13° 6	3°26	12°26	8°56	19° 3	19°49	20° 8	n.a.	F 11
S 12	10 25 39	8°18'45	2♒59	24° 0	5°49	23°18	3°57	13°13	3°29	12°28	8°57	18°54	19°46	20°15	n.a.	S 12
S 13	10 29 36	9°17'04	15°39	23°39	7° 3	23°56	3°56	13°20	3°33	12°31	8°58	18°43	19°42	20°22	n.a.	S 13
M14	10 33 32	10°15'21	28° 9	23°23	8°17	24°34	3°54	13°27	3°36	12°33	8°59	18°31	19°39	20°28	n.a.	M14
T 15	10 37 29	11°13'36	10♓27	23°12	9°31	25°12	3°52	13°34	3°39	12°35	9° 0	18°19	19°36	20°35	n.a.	T 15
W16	10 41 25	12°11'49	22°36	23° 6	10°45	25°50	3°50	13°41	3°42	12°37	9° 1	18° 7	19°33	20°42	n.a.	W16
T 17	10 45 22	13°10'00	4♈36	23°D 5	11°59	26°28	3°48	13°48	3°46	12°40	9° 2	17°58	19°30	20°48	n.a.	T 17
F 18	10 49 18	14° 8'09	16°29	23° 8	13°13	27° 6	3°45	13°55	3°49	12°42	9° 3	17°51	19°27	20°55	n.a.	F 18
S 19	10 53 15	15° 6'17	28°17	23°17	14°27	27°44	3°42	14° 2	3°52	12°44	9° 4	17°46	19°23	21° 2	n.a.	S 19
S 20	10 57 12	16° 4'22	10♉ 4	23°31	15°41	28°22	3°40	14° 9	3°56	12°46	9° 5	17°44	19°20	21° 8	n.a.	S 20
M21	11 1 8	17° 2'25	21°54	23°49	16°55	29° 1	3°37	14°16	3°59	12°49	9° 6	17°D44	19°17	21°15	n.a.	M21
T 22	11 5 5	18° 0'26	3♊51	24°11	18° 8	29°39	3°33	14°23	4° 2	12°51	9° 6	17°45	19°14	21°22	n.a.	T 22
W23	11 9 1	18°58'25	16° 1	24°38	19°22	0♉17	3°30	14°30	4° 6	12°53	9° 7	17°R45	19°11	21°28	n.a.	W23
T 24	11 12 58	19°56'23	28°29	25° 9	20°36	0°55	3°26	14°36	4° 9	12°55	9° 8	17°45	19° 7	21°35	n.a.	T 24
F 25	11 16 54	20°54'18	11♋19	25°44	21°50	1°33	3°23	14°43	4°12	12°58	9° 9	17°43	19° 4	21°42	n.a.	F 25
S 26	11 20 51	21°52'11	24°36	26°24	23° 4	2°11	3°19	14°50	4°16	13° 0	9° 9	17°39	19° 1	21°48	n.a.	S 26
S 27	11 24 47	22°50'02	8♌22	27° 6	24°18	2°49	3°15	14°56	4°19	13° 2	9°10	17°33	18°58	21°55	n.a.	S 27
M28	11 28 44	23°47'52	22°36	27°53	25°32	3°27	3°10	15° 3	4°23	13° 4	9°11	17°25	18°55	22° 2	n.a.	M28
T 29	11 32 41	24°45'39	7♍15	28°43	26°45	4° 5	3° 6	15° 9	4°26	13° 7	9°11	17°17	18°52	22° 8	n.a.	T 29
W30	11 36 37	25°43'25	22°13	29°36	27°59	4°43	3° 2	15°16	4°30	13° 9	9°12	17°10	18°48	22°15	n.a.	W30
T 31	11 40 34	26♓41'09	7♎20	0♓32	29♓13	5♉21	2♏57	15♒22	4♈33	13♓11	9♑13	17♉ 3	18♉45	22♈22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	12s31	16n40	4n57	8s 4	3n23	15s41	1s25	7n 0	0n32	12s 3	1n 6	19s10	1s43	0n38	0s36	8s53	1s52	33s 2	9s29	17n59	18n 9	5n 6			n.a.
W 2	12 11	10 44	4 35	8 27	3 15	15 16	1 25	7 16	0 32	12 3	1 6	19 8	1 43	0 39	0 36	8 52	1 52	33 2	9 29	17 56	18 8	5 10			n.a.
T 3	11 50	4 10	3 54	8 52	3 6	14 51	1 25	7 31	0 33	12 3	1 6	19 6	1 43	0 40	0 36	8 51	1 52	33 2	9 29	17 54	18 7	5 13			n.a.
F 4	11 29	2s37	2 58	9 18	2 55	14 25	1 25	7 46	0 33	12 3	1 6	19 4	1 43	0 42	0 36	8 50	1 52	33 2	9 30	17 52	18 6	5 16			n.a.
S 5	11 8	9 12	1 50	9 45	2 43	13 59	1 25	8 2	0 34	12 3	1 7	19 2	1 43	0 43	0 36	8 49	1 52	33 2	9 30	17 51	18 5	5 19			n.a.
S 6	10 47	15 13	0 37	10 13	2 30	13 33	1 24	8 17	0 34	12 3	1 7	19 0	1 43	0 44	0 36	8 48	1 52	33 2	9 30	17 50	18 5	5 23			n.a.
M 7	10 25	20 18	0s38	10 40	2 16	13 6	1 24	8 32	0 35	12 3	1 7	18 58	1 43	0 45	0 36	8 48	1 52	33 3	9 30	17 50	18 4	5 26			n.a.
T 8	10 4	24 10	1 49	11 8	2 1	12 39	1 24	8 47	0 35	12 2	1 7	18 56	1 43	0 47	0 36	8 47	1 52	33 3	9 31	17 50	18 3	5 29			n.a.
W 9	9 42	26 35	2 52	11 35	1 46	12 12	1 23	9 2	0 36	12 2	1 7	18 54	1 43	0 48	0 36	8 46	1 52	33 3	9 31	17 50	18 2	5 32			n.a.
T 10	9 20	27 25	3 45	12 2	1 30	11 44	1 23	9 17	0 36	12 2	1 7	18 52	1 44	0 49	0 36	8 45	1 52	33 3	9 31	17 49	18 1	5 36			n.a.
F 11	8 58	26 41	4 25	12 27	1 14	11 16	1 22	9 32	0 37	12 1	1 7	18 50	1 44	0 50	0 36	8 44	1 52	33 3	9 31	17 47	18 0	5 39			n.a.
S 12	8 36	24 32	4 50	12 50	0 58	10 48	1 21	9 47	0 38	12 1	1 7	18 48	1 44	0 52	0 36	8 43	1 52	33 4	9 32	17 45	17 59	5 42			n.a.
S 13	8 14	21 13	5 1	13 12	0 42	10 19	1 21	10 2	0 38	12 0	1 7	18 46	1 44	0 53	0 36	8 42	1 52	33 4	9 32	17 42	17 58	5 45			n.a.
M14	7 51	16 58	4 58	13 33	0 27	9 50	1 20	10 17	0 39	11 59	1 7	18 44	1 44	0 54	0 36	8 41	1 52	33 4	9 32	17 39	17 58	5 49			n.a.
T 15	7 29	12 5	4 40	13 51	0 11	9 21	1 19	10 31	0 39	11 59	1 7	18 42	1 44	0 56	0 36	8 41	1 52	33 4	9 32	17 35	17 57	5 52			n.a.
W16	7 6	6 48	4 10	14 7	0s 4	8 52	1 18	10 46	0 39	11 58	1 7	18 40	1 44	0 57	0 36	8 40	1 52	33 4	9 33	17 32	17 56	5 55			n.a.
T 17	6 44	1 19	3 29	14 21	0 19	8 22	1 17	11 0	0 40	11 57	1 7	18 38	1 45	0 58	0 36	8 39	1 52	33 5	9 33	17 29	17 55	5 58			n.a.
F 18	6 21	4n 9	2 39	14 33	0 33	7 53	1 16	11 15	0 40	11 56	1 8	18 37	1 45	1 0	0 36	8 38	1 52	33 5	9 33	17 27	17 54	6 2			n.a.
S 19	5 58	9 28	1 42	14 43	0 46	7 23	1 15	11 29	0 41	11 55	1 8	18 35	1 45	1 1	0 36	8 37	1 52	33 5	9 34	17 26	17 53	6 5			n.a.
S 20	5 35	14 27	0 41	14 51	0 59	6 52	1 14	11 44	0 41	11 54	1 8	18 33	1 45	1 3	0 36	8 36	1 52	33 5	9 34	17 25	17 52	6 8			n.a.
M21	5 12	18 55	0n22	14 56	1 11	6 22	1 13	11 58	0 42	11 53	1 8	18 31	1 45	1 4	0 36	8 35	1 52	33 5	9 34	17 25	17 51	6 11			n.a.
T 22	4 49	22 41	1 25	14 59	1 23	5 52	1 11	12 12	0 42	11 52	1 8	18 29	1 45	1 5	0 36	8 34	1 52	33 6	9 34	17 25	17 51	6 15			n.a.
W23	4 26	25 32	2 26	15 0	1 34	5 21	1 10	12 26	0 43	11 50	1 8	18 27	1 45	1 7	0 36	8 34	1 52	33 6	9 35	17 26	17 50	6 18			n.a.
T 24	4 3	27 12	3 20	14 59	1 44	4 50	1 9	12 40	0 43	11 49	1 8	18 25	1 46	1 8	0 36	8 33	1 52	33 6	9 35	17 26	17 49	6 21			n.a.
F 25	3 40	27 28	4 7	14 56	1 53	4 19	1 7	12 54	0 44	11 48	1 8	18 23	1 46	1 9	0 36	8 32	1 52	33 6	9 35	17 25	17 48	6 24			n.a.
S 26	3 17	26 12	4 42	14 50	2 2	3 48	1 6	13 8	0 44	11 46	1 8	18 21	1 46	1 11	0 36	8 31	1 52	33 7	9 36	17 24	17 47	6 28			n.a.
S 27	2 54	23 21	5 2	14 43	2 9	3 17	1 4	13 22	0 45	11 45	1 8	18 20	1 46	1 12	0 36	8 30	1 52	33 7	9 36	17 22	17 46	6 31			n.a.
M28	2 30	19 1	5 5	14 33	2 17	2 46	1 3	13 35	0 45	11 43	1 8	18 18	1 46	1 14	0 36	8 29	1 52	33 7	9 36	17 20	17 45	6 34			n.a.
T 29	2 7	13 26	4 48	14 22	2 23	2 15	1 1	13 49	0 45	11 42	1 8	18 16	1 46	1 15	0 36	8 28	1 52	33 7	9 37	17 18	17 44	6 37			n.a.
W30	1 44	6 59	4 11	14 8	2 29	1 43	1 0	14 2	0 46	11 40	1 8	18 14	1 47	1 16	0 36	8 27	1 52	33 8	9 37	17 15	17 43	6 41			n.a.
T 31	1s20	0n 3	3n17	13s52	2s34	1s12	0s58	14n16	0n46	11s39	1n 8	18s12	1s47	1n18	0s36	8s27	1s52	33s 8	9s37	17n14	17n43	6n44			n.a.

Julian Day Number = 1202096.5, Delta T = 09h21m29s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'40, Lahiri = -23°34'39 Julian Calendar 1 March 1422 BCE == Greg. Calendar 16 Feb. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

APRIL 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 44 30	27♓38'51	22♎26	1♓32	0♈27	5♉59	2°R52	15♒28	4♈36	13♓13	9♑13	16°R59	18♉42	22♈28	n.a.	F 1
S 2	11 48 27	28°36'32	7♏23	2°34	1°41	6°37	2♏47	15°35	4°40	13°15	9°14	16♉57	18°39	22°35	n.a.	S 2
S 3	11 52 23	29°34'12	22° 4	3°40	2°54	7°15	2°42	15°41	4°43	13°18	9°14	16°D57	18°36	22°42	n.a.	S 3
M 4	11 56 20	0♈31'51	6♐24	4°48	4° 8	7°53	2°37	15°47	4°47	13°20	9°15	16°57	18°33	22°48	n.a.	M 4
T 5	12 0 16	1°29'29	20°20	5°59	5°22	8°31	2°31	15°53	4°50	13°22	9°15	16°59	18°29	22°55	n.a.	T 5
W 6	12 4 13	2°27'05	3♑55	7°12	6°36	9° 9	2°26	15°59	4°54	13°24	9°16	16°R59	18°26	23° 2	n.a.	W 6
T 7	12 8 9	3°24'40	17° 9	8°29	7°49	9°46	2°20	16° 5	4°57	13°26	9°16	16°58	18°23	23° 8	n.a.	T 7
F 8	12 12 6	4°22'15	0♒ 4	9°47	9° 3	10°24	2°14	16°11	5° 1	13°28	9°16	16°55	18°20	23°15	n.a.	F 8
S 9	12 16 3	5°19'48	12°43	11° 9	10°17	11° 2	2° 8	16°17	5° 4	13°31	9°17	16°51	18°17	23°22	n.a.	S 9
S 10	12 19 59	6°17'19	25°10	12°32	11°30	11°40	2° 2	16°23	5° 8	13°33	9°17	16°45	18°13	23°28	n.a.	S 10
M11	12 23 56	7°14'50	7♓25	13°58	12°44	12°18	1°56	16°29	5°11	13°35	9°18	16°38	18°10	23°35	n.a.	M11
T 12	12 27 52	8°12'20	19°30	15°27	13°58	12°56	1°49	16°35	5°15	13°37	9°18	16°31	18° 7	23°42	n.a.	T 12
W13	12 31 49	9° 9'48	1♈29	16°58	15°12	13°34	1°43	16°40	5°18	13°39	9°18	16°24	18° 4	23°48	n.a.	W13
T 14	12 35 45	10° 7'15	13°21	18°31	16°25	14°12	1°37	16°46	5°21	13°41	9°18	16°19	18° 1	23°55	n.a.	T 14
F 15	12 39 42	11° 4'41	25°10	20° 6	17°39	14°50	1°30	16°51	5°25	13°43	9°19	16°15	17°58	24° 2	n.a.	F 15
S 16	12 43 38	12° 2'06	6♉57	21°44	18°53	15°28	1°23	16°57	5°28	13°45	9°19	16°13	17°54	24° 8	n.a.	S 16
S 17	12 47 35	12°59'29	18°45	23°24	20° 6	16° 6	1°16	17° 2	5°32	13°47	9°19	16°D13	17°51	24°15	n.a.	S 17
M18	12 51 32	13°56'52	0♊37	25° 7	21°20	16°44	1° 9	17° 7	5°35	13°49	9°19	16°14	17°48	24°21	n.a.	M18
T 19	12 55 28	14°54'13	12°37	26°51	22°34	17°21	1° 2	17°13	5°39	13°51	9°19	16°15	17°45	24°28	n.a.	T 19
W20	12 59 25	15°51'33	24°48	28°38	23°47	17°59	0°55	17°18	5°42	13°53	9°19	16°17	17°42	24°35	n.a.	W20
T 21	13 3 21	16°48'51	7♋16	0♈27	25° 1	18°37	0°48	17°23	5°46	13°55	9°19	16°18	17°38	24°41	n.a.	T 21
F 22	13 7 18	17°46'09	20° 4	2°19	26°14	19°15	0°41	17°28	5°49	13°57	9°19	16°R18	17°35	24°48	n.a.	F 22
S 23	13 11 14	18°43'25	3♌16	4°13	27°28	19°53	0°34	17°33	5°52	13°59	9°R19	16°18	17°32	24°55	n.a.	S 23
S 24	13 15 11	19°40'40	16°56	6° 9	28°42	20°31	0°26	17°38	5°56	14° 1	9°19	16°16	17°29	25° 1	n.a.	S 24
M25	13 19 8	20°37'54	1♍ 3	8° 7	29°55	21° 9	0°19	17°43	5°59	14° 3	9°19	16°13	17°26	25° 8	n.a.	M25
T 26	13 23 4	21°35'06	15°37	10° 7	1♉ 9	21°46	0°12	17°47	6° 3	14° 5	9°19	16°10	17°23	25°15	n.a.	T 26
W27	13 27 1	22°32'18	0♎32	12° 9	2°22	22°24	0° 4	17°52	6° 6	14° 7	9°19	16° 6	17°19	25°21	n.a.	W27
T 28	13 30 57	23°29'28	15°41	14°13	3°36	23° 2	29♎57	17°57	6° 9	14° 8	9°19	16° 4	17°16	25°28	n.a.	T 28
F 29	13 34 54	24°26'38	0♏55	16°18	4°49	23°40	29°49	18° 1	6°13	14°10	9°19	16° 2	17°13	25°35	n.a.	F 29
S 30	13 38 50	25♈23'47	16♏ 3	18♈25	6♉ 3	24♉18	29♎41	18♒ 6	6♈16	14♓12	9♑19	16°D 2	17♉10	25♈41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s57	6s54	2n 8	13s34	2s38	0s41	0s56	14n29	0n47	11s37	1n 8	18s11	1s47	1n19	0s36	8s26	1s52	33s 8	9s37	17n12	17n42	6n47		n.a.
S 2	0 34	13 25	0 51	13 15	2 42	0 9	0 54	14 42	0 47	11 35	1 8	18 9	1 47	1 21	0 36	8 25	1 52	33 8	9 38	17 12	17 41	6 50		n.a.
S 3	0 10	19 3	0s28	12 53	2 45	0n22	0 53	14 55	0 47	11 33	1 8	18 7	1 47	1 22	0 36	8 24	1 52	33 9	9 38	17 12	17 40	6 54		n.a.
M 4	0n13	23 27	1 43	12 30	2 47	0 54	0 51	15 8	0 48	11 32	1 8	18 6	1 47	1 23	0 36	8 23	1 52	33 9	9 38	17 12	17 39	6 57		n.a.
T 5	0 36	26 20	2 51	12 5	2 49	1 25	0 49	15 21	0 48	11 30	1 8	18 4	1 48	1 25	0 36	8 22	1 52	33 9	9 39	17 12	17 38	7 0		n.a.
W 6	0 59	27 35	3 47	11 38	2 49	1 57	0 47	15 34	0 49	11 28	1 8	18 2	1 48	1 26	0 36	8 22	1 52	33 9	9 39	17 12	17 37	7 3		n.a.
T 7	1 23	27 11	4 29	11 9	2 50	2 28	0 45	15 46	0 49	11 26	1 8	18 1	1 48	1 28	0 36	8 21	1 52	33 10	9 39	17 12	17 36	7 7		n.a.
F 8	1 46	25 19	4 56	10 38	2 49	3 0	0 43	15 59	0 49	11 24	1 8	17 59	1 48	1 29	0 36	8 20	1 52	33 10	9 40	17 11	17 35	7 10		n.a.
S 9	2 9	22 13	5 9	10 6	2 48	3 31	0 41	16 11	0 50	11 22	1 8	17 57	1 48	1 30	0 36	8 19	1 52	33 10	9 40	17 10	17 35	7 13		n.a.
S 10	2 32	18 9	5 6	9 32	2 47	4 2	0 39	16 24	0 50	11 19	1 8	17 56	1 49	1 32	0 36	8 18	1 52	33 10	9 40	17 8	17 34	7 16		n.a.
M11	2 56	13 24	4 50	8 56	2 44	4 33	0 37	16 36	0 51	11 17	1 8	17 54	1 49	1 33	0 36	8 18	1 53	33 11	9 40	17 6	17 33	7 19		n.a.
T 12	3 19	8 12	4 20	8 18	2 41	5 4	0 35	16 48	0 51	11 15	1 8	17 52	1 49	1 35	0 36	8 17	1 53	33 11	9 41	17 4	17 32	7 23		n.a.
W13	3 42	2 45	3 40	7 39	2 38	5 35	0 32	17 0	0 51	11 13	1 8	17 51	1 49	1 36	0 36	8 16	1 53	33 11	9 41	17 2	17 31	7 26		n.a.
T 14	4 5	2n46	2 50	6 58	2 34	6 6	0 30	17 12	0 52	11 11	1 8	17 49	1 49	1 37	0 36	8 15	1 53	33 12	9 41	17 1	17 30	7 29		n.a.
F 15	4 28	8 10	1 52	6 16	2 29	6 37	0 28	17 24	0 52	11 8	1 8	17 48	1 50	1 39	0 36	8 14	1 53	33 12	9 42	17 0	17 29	7 32		n.a.
S 16	4 50	13 17	0 50	5 32	2 24	7 7	0 26	17 36	0 52	11 6	1 8	17 46	1 50	1 40	0 36	8 14	1 53	33 12	9 42	16 59	17 28	7 36		n.a.
S 17	5 13	17 56	0n14	4 46	2 18	7 38	0 24	17 47	0 53	11 4	1 8	17 45	1 50	1 42	0 36	8 13	1 53	33 13	9 42	16 59	17 27	7 39		n.a.
M18	5 36	21 55	1 18	3 59	2 12	8 8	0 21	17 59	0 53	11 1	1 8	17 43	1 50	1 43	0 36	8 12	1 53	33 13	9 43	16 59	17 26	7 42		n.a.
T 19	5 58	25 1	2 20	3 10	2 5	8 38	0 19	18 10	0 53	10 59	1 8	17 42	1 50	1 44	0 36	8 11	1 53	33 13	9 43	17 0	17 25	7 45		n.a.
W20	6 21	27 1	3 16	2 20	1 57	9 8	0 17	18 21	0 54	10 56	1 8	17 41	1 51	1 46	0 36	8 11	1 53	33 13	9 43	17 0	17 25	7 49		n.a.
T 21	6 43	27 44	4 4	1 29	1 50	9 38	0 14	18 32	0 54	10 54	1 8	17 39	1 51	1 47	0 36	8 10	1 53	33 14	9 44	17 0	17 24	7 52		n.a.
F 22	7 6	26 59	4 42	0 36	1 41	10 7	0 12	18 43	0 54	10 51	1 8	17 38	1 51	1 48	0 36	8 9	1 53	33 14	9 44	17 1	17 23	7 55		n.a.
S 23	7 28	24 43	5 6	0n18	1 32	10 36	0 10	18 54	0 55	10 49	1 8	17 36	1 51	1 50	0 36	8 8	1 53	33 14	9 44	17 0	17 22	7 58		n.a.
S 24	7 50	21 1	5 14	1 13	1 23	11 5	0 7	19 4	0 55	10 46	1 8	17 35	1 51	1 51	0 36	8 8	1 53	33 15	9 44	17 0	17 21	8 1		n.a.
M25	8 12	16 0	5 4	2 9	1 14	11 34	0 5	19 15	0 55	10 44	1 8	17 34	1 52	1 53	0 36	8 7	1 53	33 15	9 45	16 59	17 20	8 5		n.a.
T 26	8 34	9 58	4 34	3 6	1 4	12 3	0 2	19 25	0 56	10 41	1 8	17 33	1 52	1 54	0 36	8 6	1 53	33 15	9 45	16 58	17 19	8 8		n.a.
W27	8 55	3 13	3 45	4 4	0 54	12 31	0n 0	19 36	0 56	10 39	1 7	17 31	1 52	1 55	0 36	8 6	1 53	33 16	9 45	16 57	17 18	8 11		n.a.
T 28	9 17	3s50	2 40	5 2	0 43	12 59	0 2	19 46	0 56	10 36	1 7	17 30	1 52	1 57	0 36	8 5	1 53	33 16	9 46	16 56	17 17	8 14		n.a.
F 29	9 38	10 43	1 22	6 1	0 33	13 26	0 5	19 56	0 56	10 33	1 7	17 29	1 53	1 58	0 36	8 4	1 53	33 16	9 46	16 56	17 16	8 18		n.a.
S 30	10n 0	16s56	0s 0	7n 0	0s22	13n53	0n 7	20n 6	0n57	10s31	1n 7	17s28	1s53	1n59	0s36	8s 4	1s53	33s17	9s46	16n56	17n15	8n21		n.a.

Julian Day Number = 1202127.5, Delta T = 09h21m27s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'35, Lahiri = -23°34'35 Julian Calendar 1 Apr. 1422 BCE == Greg. Calendar 19 March 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

MAY 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 42 47	26♈20'56	0♐57	20♈34	7♉17	24♉56	29°R34	18♒10	6♈19	14♓14	9°R19	16♉ 2	17♉ 7	25♈48	n.a.	S 1
M 2	13 46 43	27°18'04	15°31	22°43	8°30	25°33	29♎26	18°14	6°23	14°16	9♑18	16° 3	17° 4	25°55	n.a.	M 2
T 3	13 50 40	28°15'12	29°40	24°54	9°44	26°11	29°19	18°18	6°26	14°17	9°18	16° 5	17° 0	26° 1	n.a.	T 3
W 4	13 54 37	29°12'20	13♑23	27° 5	10°57	26°49	29°11	18°23	6°29	14°19	9°18	16° 6	16°57	26° 8	n.a.	W 4
T 5	13 58 33	0♉ 9'27	26°40	29°16	12°11	27°27	29° 3	18°27	6°32	14°21	9°18	16°R 6	16°54	26°15	n.a.	T 5
F 6	14 2 30	1° 6'34	9♒35	1♉28	13°24	28° 5	28°56	18°31	6°36	14°23	9°17	16° 6	16°51	26°21	n.a.	F 6
S 7	14 6 26	2° 3'41	22°11	3°39	14°38	28°43	28°48	18°34	6°39	14°24	9°17	16° 5	16°48	26°28	n.a.	S 7
S 8	14 10 23	3° 0'48	4♓30	5°50	15°51	29°20	28°40	18°38	6°42	14°26	9°17	16° 4	16°44	26°35	n.a.	S 8
M 9	14 14 19	3°57'54	16°36	8° 0	17° 5	29°58	28°33	18°42	6°45	14°27	9°16	16° 2	16°41	26°41	n.a.	M 9
T 10	14 18 16	4°55'00	28°34	10° 9	18°18	0♊36	28°25	18°45	6°48	14°29	9°16	16° 1	16°38	26°48	n.a.	T 10
W11	14 22 12	5°52'06	10♈25	12°17	19°32	1°14	28°18	18°49	6°52	14°31	9°15	15°59	16°35	26°55	n.a.	W11
T 12	14 26 9	6°49'12	22°14	14°24	20°45	1°52	28°10	18°52	6°55	14°32	9°15	15°58	16°32	27° 1	n.a.	T 12
F 13	14 30 6	7°46'17	4♉ 1	16°29	21°58	2°30	28° 3	18°56	6°58	14°34	9°15	15°57	16°29	27° 8	n.a.	F 13
S 14	14 34 2	8°43'23	15°50	18°33	23°12	3° 7	27°55	18°59	7° 1	14°35	9°14	15°D57	16°25	27°15	n.a.	S 14
S 15	14 37 59	9°40'28	27°43	20°35	24°25	3°45	27°48	19° 2	7° 4	14°37	9°13	15°57	16°22	27°21	n.a.	S 15
M16	14 41 55	10°37'33	9♊42	22°35	25°39	4°23	27°41	19° 5	7° 7	14°38	9°13	15°58	16°19	27°28	n.a.	M16
T 17	14 45 52	11°34'37	21°49	24°33	26°52	5° 1	27°33	19° 8	7°10	14°40	9°12	15°58	16°16	27°35	n.a.	T 17
W18	14 49 48	12°31'42	4♋ 8	26°29	28° 6	5°39	27°26	19°11	7°13	14°41	9°12	15°59	16°13	27°41	n.a.	W18
T 19	14 53 45	13°28'46	16°41	28°23	29°19	6°17	27°19	19°14	7°16	14°42	9°11	15°59	16°10	27°48	n.a.	T 19
F 20	14 57 42	14°25'50	29°32	0♊15	0♊33	6°54	27°12	19°16	7°19	14°44	9°11	15°59	16° 6	27°54	n.a.	F 20
S 21	15 1 38	15°22'53	12♌43	2° 5	1°46	7°32	27° 5	19°19	7°22	14°45	9°10	15°59	16° 3	28° 1	n.a.	S 21
S 22	15 5 35	16°19'56	26°16	3°53	2°59	8°10	26°58	19°22	7°25	14°46	9° 9	15°59	16° 0	28° 8	n.a.	S 22
M23	15 9 31	17°16'59	10♍13	5°39	4°13	8°48	26°51	19°24	7°28	14°48	9° 9	15°59	15°57	28°14	n.a.	M23
T 24	15 13 28	18°14'02	24°34	7°23	5°26	9°26	26°45	19°26	7°30	14°49	9° 8	15°59	15°54	28°21	n.a.	T 24
W25	15 17 24	19°11'04	9♎15	9° 4	6°39	10° 4	26°38	19°28	7°33	14°50	9° 7	16° 0	15°50	28°28	n.a.	W25
T 26	15 21 21	20° 8'07	24°11	10°44	7°53	10°42	26°32	19°31	7°36	14°51	9° 6	16° 0	15°47	28°34	n.a.	T 26
F 27	15 25 17	21° 5'10	9♏16	12°21	9° 6	11°19	26°25	19°33	7°39	14°52	9° 6	16°R 0	15°44	28°41	n.a.	F 27
S 28	15 29 14	22° 2'12	24°21	13°56	10°19	11°57	26°19	19°34	7°41	14°53	9° 5	16° 0	15°41	28°48	n.a.	S 28
S 29	15 33 11	22°59'16	9♐18	15°29	11°33	12°35	26°13	19°36	7°44	14°55	9° 4	16° 0	15°38	28°54	n.a.	S 29
M30	15 37 7	23°56'19	23°57	17° 0	12°46	13°13	26° 7	19°38	7°47	14°56	9° 3	15°59	15°35	29° 1	n.a.	M30
T 31	15 41 4	24♉53'23	8♑14	18♊29	13♊59	13♊51	26♎ 1	19♒40	7♈49	14♓57	9♑ 2	15♉58	15♉31	29♈ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n21	22s 2	1s22	8n 0	0s11	14n20	0n10	20n15	0n57	10s28	1n 7	17s27	1s53	2n 1	0s36	8s 3	1s53	33s17	9s47	16n56	17n15	8n24		n.a.
M 2	10 42	25 38	2 36	8 59	0 1	14 47	0 12	20 25	0 57	10 26	1 7	17 25	1 53	2 2	0 36	8 2	1 53	33 17	9 47	16 56	17 14	8 27		n.a.
T 3	11 2	27 30	3 38	9 57	0n10	15 13	0 15	20 34	0 58	10 23	1 7	17 24	1 54	2 3	0 36	8 2	1 53	33 17	9 47	16 56	17 13	8 30		n.a.
W 4	11 23	27 36	4 26	10 56	0 20	15 39	0 17	20 44	0 58	10 20	1 7	17 23	1 54	2 5	0 36	8 1	1 53	33 18	9 48	16 57	17 12	8 34		n.a.
T 5	11 44	26 4	4 58	11 53	0 31	16 4	0 19	20 53	0 58	10 18	1 7	17 22	1 54	2 6	0 36	8 0	1 53	33 18	9 48	16 57	17 11	8 37		n.a.
F 6	12 4	23 12	5 14	12 49	0 40	16 29	0 22	21 2	0 58	10 15	1 6	17 21	1 54	2 7	0 36	8 0	1 53	33 18	9 48	16 57	17 10	8 40		n.a.
S 7	12 24	19 18	5 15	13 44	0 50	16 54	0 24	21 11	0 59	10 12	1 6	17 20	1 55	2 8	0 36	7 59	1 54	33 19	9 48	16 57	17 9	8 43		n.a.
S 8	12 44	14 40	5 0	14 38	0 59	17 18	0 27	21 19	0 59	10 10	1 6	17 19	1 55	2 10	0 36	7 59	1 54	33 19	9 49	16 56	17 8	8 46		n.a.
M 9	13 4	9 33	4 33	15 29	1 8	17 42	0 29	21 28	0 59	10 7	1 6	17 18	1 55	2 11	0 36	7 58	1 54	33 19	9 49	16 56	17 7	8 50		n.a.
T 10	13 23	4 8	3 53	16 19	1 16	18 5	0 31	21 36	0 59	10 5	1 6	17 17	1 55	2 12	0 36	7 57	1 54	33 20	9 49	16 55	17 6	8 53		n.a.
W11	13 43	1n23	3 5	17 7	1 23	18 28	0 34	21 45	1 0	10 2	1 6	17 17	1 56	2 14	0 36	7 57	1 54	33 20	9 50	16 55	17 5	8 56		n.a.
T 12	14 2	6 50	2 8	17 53	1 30	18 50	0 36	21 53	1 0	9 59	1 6	17 16	1 56	2 15	0 36	7 56	1 54	33 20	9 50	16 55	17 4	8 59		n.a.
F 13	14 21	12 3	1 6	18 36	1 37	19 12	0 38	22 1	1 0	9 57	1 5	17 15	1 56	2 16	0 36	7 56	1 54	33 21	9 50	16 54	17 4	9 2		n.a.
S 14	14 40	16 52	0 1	19 17	1 42	19 33	0 41	22 9	1 0	9 54	1 5	17 14	1 56	2 17	0 36	7 55	1 54	33 21	9 50	16 54	17 3	9 6		n.a.
S 15	14 58	21 3	1n 5	19 56	1 47	19 54	0 43	22 16	1 1	9 52	1 5	17 13	1 57	2 19	0 36	7 55	1 54	33 21	9 51	16 54	17 2	9 9		n.a.
M16	15 16	24 24	2 8	20 32	1 51	20 14	0 45	22 24	1 1	9 49	1 5	17 13	1 57	2 20	0 36	7 54	1 54	33 22	9 51	16 54	17 1	9 12		n.a.
T 17	15 34	26 42	3 6	21 6	1 55	20 34	0 47	22 31	1 1	9 47	1 5	17 12	1 57	2 21	0 36	7 54	1 54	33 22	9 51	16 55	17 0	9 15		n.a.
W18	15 52	27 45	3 57	21 37	1 58	20 53	0 49	22 38	1 1	9 44	1 5	17 11	1 57	2 22	0 36	7 53	1 54	33 22	9 52	16 55	16 59	9 18		n.a.
T 19	16 10	27 23	4 37	22 6	2 0	21 12	0 52	22 45	1 2	9 42	1 4	17 11	1 58	2 23	0 36	7 53	1 54	33 23	9 52	16 55	16 58	9 22		n.a.
F 20	16 27	25 34	5 5	22 33	2 2	21 30	0 54	22 52	1 2	9 40	1 4	17 10	1 58	2 24	0 36	7 52	1 54	33 23	9 52	16 55	16 57	9 25		n.a.
S 21	16 44	22 21	5 17	22 57	2 3	21 47	0 56	22 59	1 2	9 37	1 4	17 9	1 58	2 26	0 36	7 52	1 54	33 23	9 52	16 55	16 56	9 28		n.a.
S 22	17 1	17 52	5 13	23 19	2 3	22 4	0 58	23 5	1 2	9 35	1 4	17 9	1 58	2 27	0 36	7 51	1 54	33 24	9 53	16 55	16 55	9 31		n.a.
M23	17 18	12 19	4 50	23 38	2 3	22 21	1 0	23 11	1 3	9 33	1 4	17 8	1 59	2 28	0 36	7 51	1 54	33 24	9 53	16 55	16 54	9 34		n.a.
T 24	17 34	5 59	4 9	23 55	2 1	22 36	1 2	23 17	1 3	9 30	1 3	17 8	1 59	2 29	0 36	7 50	1 55	33 24	9 53	16 55	16 53	9 38		n.a.
W25	17 50	0s49	3 10	24 10	2 0	22 51	1 4	23 23	1 3	9 28	1 3	17 7	1 59	2 30	0 36	7 50	1 55	33 25	9 53	16 55	16 52	9 41		n.a.
T 26	18 5	7 43	1 58	24 23	1 57	23 5	1 6	23 29	1 3	9 26	1 3	17 7	1 59	2 31	0 36	7 49	1 55	33 25	9 54	16 55	16 51	9 44		n.a.
F 27	18 21	14 15	0 37	24 34	1 55	23 19	1 8	23 35	1 3	9 24	1 3	17 7	2 0	2 32	0 36	7 49	1 55	33 25	9 54	16 55	16 50	9 47		n.a.
S 28	18 36	19 56	0s46	24 43	1 51	23 32	1 9	23 40	1 4	9 22	1 3	17 6	2 0	2 33	0 36	7 49	1 55	33 25	9 54	16 55	16 50	9 50		n.a.
S 29	18 51	24 18	2 6	24 50	1 47	23 44	1 11	23 46	1 4	9 20	1 2	17 6	2 0	2 34	0 36	7 48	1 55	33 26	9 54	16 55	16 49	9 54		n.a.
M30	19 5	26 59	3 15	24 55	1 42	23 56	1 13	23 51	1 4	9 18	1 2	17 6	2 1	2 36	0 36	7 48	1 55	33 26	9 55	16 55	16 48	9 57		n.a.
T 31	19n20	27s47	4s11	24n58	1n37	24n 7	1n15	23n56	1n 4	9s16	1n 2	17s 5	2s 1	2n37	0s36	7s48	1s55	33s26	9s55	16n55	16n47	10n 0		n.a.

Julian Day Number = 1202157.5, Delta T = 09h21m25s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'31, Lahiri = -23°34'31 Julian Calendar 1 May 1422 BCE == Greg. Calendar 18 Apr. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

JUNE 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 45 0	25♉50'28	22♑ 5	19♊56	15♊13	14♊29	25°R55	19♒41	7♈52	14♓58	9°R 1	15°R57	15♉28	29♈14	n.a.	W 1
T 2	15 48 57	26°47'33	5♒30	21°20	16°26	15° 7	25♎50	19°42	7°54	14°59	9♑ 0	15♉56	15°25	29°21	n.a.	T 2
F 3	15 52 53	27°44'39	18°28	22°42	17°39	15°45	25°44	19°44	7°57	15° 0	9° 0	15°55	15°22	29°28	n.a.	F 3
S 4	15 56 50	28°41'46	1♓ 5	24° 2	18°53	16°22	25°39	19°45	7°59	15° 1	8°59	15°D55	15°19	29°34	n.a.	S 4
S 5	16 0 47	29°38'53	13°23	25°20	20° 6	17° 0	25°33	19°46	8° 2	15° 1	8°58	15°56	15°16	29°41	n.a.	S 5
M 6	16 4 43	0♊36'01	25°26	26°35	21°19	17°38	25°28	19°47	8° 4	15° 2	8°57	15°56	15°12	29°48	n.a.	M 6
T 7	16 8 40	1°33'10	7♈20	27°48	22°32	18°16	25°23	19°48	8° 7	15° 3	8°56	15°58	15° 9	29°54	n.a.	T 7
W 8	16 12 36	2°30'20	19° 9	28°58	23°46	18°54	25°19	19°49	8° 9	15° 4	8°55	15°59	15° 6	0♉ 1	n.a.	W 8
T 9	16 16 33	3°27'31	0♉56	0♋ 6	24°59	19°32	25°14	19°49	8°11	15° 5	8°54	16° 0	15° 3	0° 8	n.a.	T 9
F 10	16 20 29	4°24'42	12°45	1°11	26°12	20°10	25°10	19°50	8°14	15° 5	8°53	16°R 1	15° 0	0°14	n.a.	F 10
S 11	16 24 26	5°21'55	24°39	2°13	27°25	20°48	25° 5	19°50	8°16	15° 6	8°52	16° 1	14°56	0°21	n.a.	S 11
S 12	16 28 22	6°19'08	6♊41	3°12	28°39	21°26	25° 1	19°51	8°18	15° 7	8°51	15°59	14°53	0°27	n.a.	S 12
M13	16 32 19	7°16'22	18°51	4° 9	29°52	22° 4	24°57	19°51	8°20	15° 7	8°49	15°57	14°50	0°34	n.a.	M13
T 14	16 36 16	8°13'37	1♋13	5° 2	1♋ 5	22°42	24°53	19°51	8°22	15° 8	8°48	15°54	14°47	0°41	n.a.	T 14
W15	16 40 12	9°10'52	13°46	5°52	2°18	23°20	24°50	19°R51	8°24	15° 9	8°47	15°51	14°44	0°47	n.a.	W15
T 16	16 44 9	10° 8'08	26°33	6°39	3°31	23°58	24°46	19°51	8°27	15° 9	8°46	15°47	14°41	0°54	n.a.	T 16
F 17	16 48 5	11° 5'25	9♌34	7°22	4°45	24°36	24°43	19°51	8°29	15°10	8°45	15°44	14°37	1° 1	n.a.	F 17
S 18	16 52 2	12° 2'43	22°51	8° 2	5°58	25°14	24°40	19°51	8°31	15°10	8°44	15°42	14°34	1° 7	n.a.	S 18
S 19	16 55 58	13° 0'01	6♍24	8°37	7°11	25°52	24°37	19°50	8°32	15°11	8°43	15°40	14°31	1°14	n.a.	S 19
M20	16 59 55	13°57'20	20°15	9° 9	8°24	26°30	24°34	19°50	8°34	15°11	8°42	15°D40	14°28	1°21	n.a.	M20
T 21	17 3 52	14°54'39	4♎22	9°36	9°37	27° 8	24°31	19°49	8°36	15°11	8°40	15°41	14°25	1°27	n.a.	T 21
W22	17 7 48	15°51'59	18°45	10° 0	10°50	27°46	24°29	19°49	8°38	15°12	8°39	15°43	14°21	1°34	n.a.	W22
T 23	17 11 45	16°49'21	3♏21	10°18	12° 3	28°24	24°27	19°48	8°40	15°12	8°38	15°44	14°18	1°41	n.a.	T 23
F 24	17 15 41	17°46'43	18° 6	10°32	13°16	29° 2	24°24	19°47	8°41	15°12	8°37	15°R44	14°15	1°47	n.a.	F 24
S 25	17 19 38	18°44'06	2♐54	10°40	14°29	29°40	24°23	19°46	8°43	15°13	8°36	15°43	14°12	1°54	n.a.	S 25
S 26	17 23 34	19°41'30	17°38	10°R44	15°42	0♋18	24°21	19°45	8°45	15°13	8°34	15°41	14° 9	2° 1	n.a.	S 26
M27	17 27 31	20°38'55	2♑10	10°43	16°55	0°57	24°19	19°44	8°46	15°13	8°33	15°37	14° 6	2° 7	n.a.	M27
T 28	17 31 27	21°36'22	16°25	10°36	18° 8	1°35	24°18	19°43	8°48	15°13	8°32	15°32	14° 2	2°14	n.a.	T 28
W29	17 35 24	22°33'50	0♒17	10°24	19°21	2°13	24°17	19°41	8°49	15°13	8°31	15°26	13°59	2°21	n.a.	W29
T 30	17 39 21	23♊31'20	13♒44	10♋ 6	20♋34	2♋51	24♎16	19♒40	8♈51	15♓13	8♑29	15♉21	13♉56	2♉27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n33	26s47	4s50	25n 0	1n31	24n17	1n16	24n 0	1n 4	9s14	1n 2	17s 5	2s 1	2n38	0s36	7s47	1s55	33s27	9s55	16n54	16n46	10n 3		n.a.
T 2	19 47	24 16	5 12	25 0	1 25	24 27	1 18	24 5	1 5	9 12	1 1	17 5	2 1	2 39	0 36	7 47	1 55	33 27	9 55	16 54	16 45	10 6		n.a.
F 3	20 0	20 34	5 17	24 58	1 18	24 36	1 19	24 9	1 5	9 10	1 1	17 5	2 2	2 40	0 36	7 47	1 55	33 27	9 56	16 54	16 44	10 9		n.a.
S 4	20 13	16 2	5 6	24 55	1 11	24 44	1 21	24 14	1 5	9 8	1 1	17 5	2 2	2 41	0 36	7 46	1 55	33 28	9 56	16 54	16 43	10 13		n.a.
S 5	20 26	10 58	4 41	24 50	1 3	24 51	1 22	24 18	1 5	9 7	1 1	17 5	2 2	2 42	0 36	7 46	1 55	33 28	9 56	16 54	16 42	10 16		n.a.
M 6	20 38	5 35	4 5	24 44	0 55	24 58	1 23	24 22	1 5	9 5	1 0	17 5	2 3	2 42	0 36	7 46	1 55	33 28	9 56	16 54	16 41	10 19		n.a.
T 7	20 50	0 4	3 18	24 37	0 47	25 4	1 25	24 25	1 5	9 4	1 0	17 5	2 3	2 43	0 36	7 45	1 55	33 28	9 57	16 54	16 40	10 22		n.a.
W 8	21 2	5n25	2 23	24 29	0 37	25 9	1 26	24 29	1 6	9 2	1 0	17 5	2 3	2 44	0 36	7 45	1 55	33 29	9 57	16 55	16 39	10 25		n.a.
T 9	21 13	10 43	1 22	24 20	0 28	25 13	1 27	24 32	1 6	9 1	1 0	17 5	2 3	2 45	0 36	7 45	1 56	33 29	9 57	16 55	16 38	10 28		n.a.
F 10	21 24	15 39	0 18	24 9	0 18	25 17	1 28	24 35	1 6	8 59	0 59	17 5	2 4	2 46	0 36	7 45	1 56	33 29	9 57	16 55	16 37	10 32		n.a.
S 11	21 35	20 2	0n48	23 58	0 8	25 20	1 29	24 38	1 6	8 58	0 59	17 5	2 4	2 47	0 36	7 45	1 56	33 30	9 57	16 55	16 36	10 35		n.a.
S 12	21 45	23 38	1 52	23 46	0s 3	25 22	1 30	24 41	1 6	8 56	0 59	17 5	2 4	2 48	0 36	7 44	1 56	33 30	9 58	16 55	16 35	10 38		n.a.
M13	21 55	26 14	2 51	23 33	0 14	25 23	1 31	24 44	1 6	8 55	0 59	17 5	2 4	2 49	0 36	7 44	1 56	33 30	9 58	16 54	16 34	10 41		n.a.
T 14	22 4	27 35	3 44	23 20	0 26	25 24	1 32	24 46	1 7	8 54	0 58	17 5	2 5	2 50	0 36	7 44	1 56	33 30	9 58	16 53	16 33	10 44		n.a.
W15	22 13	27 33	4 26	23 6	0 38	25 24	1 33	24 48	1 7	8 53	0 58	17 6	2 5	2 50	0 36	7 44	1 56	33 31	9 58	16 52	16 33	10 47		n.a.
T 16	22 22	26 4	4 57	22 52	0 50	25 23	1 34	24 50	1 7	8 52	0 58	17 6	2 5	2 51	0 36	7 44	1 56	33 31	9 58	16 51	16 32	10 51		n.a.
F 17	22 30	23 10	5 12	22 37	1 2	25 21	1 34	24 52	1 7	8 51	0 58	17 6	2 6	2 52	0 36	7 44	1 56	33 31	9 59	16 50	16 31	10 54		n.a.
S 18	22 38	19 2	5 12	22 22	1 15	25 19	1 35	24 54	1 7	8 50	0 57	17 6	2 6	2 53	0 36	7 43	1 56	33 31	9 59	16 50	16 30	10 57		n.a.
S 19	22 46	13 51	4 54	22 7	1 28	25 15	1 36	24 55	1 7	8 49	0 57	17 7	2 6	2 53	0 36	7 43	1 56	33 32	9 59	16 49	16 29	11 0		n.a.
M20	22 53	7 53	4 19	21 52	1 41	25 11	1 36	24 56	1 7	8 48	0 57	17 7	2 6	2 54	0 36	7 43	1 56	33 32	9 59	16 49	16 28	11 3		n.a.
T 21	23 0	1 24	3 28	21 37	1 54	25 7	1 36	24 57	1 7	8 48	0 56	17 8	2 7	2 55	0 36	7 43	1 56	33 32	9 59	16 50	16 27	11 6		n.a.
W22	23 6	5s17	2 23	21 22	2 7	25 1	1 37	24 58	1 8	8 47	0 56	17 8	2 7	2 56	0 36	7 43	1 56	33 32	9 59	16 50	16 26	11 9		n.a.
T 23	23 12	11 48	1 7	21 7	2 21	24 55	1 37	24 59	1 8	8 46	0 56	17 9	2 7	2 56	0 36	7 43	1 57	33 33	10 0	16 50	16 25	11 13		n.a.
F 24	23 17	17 44	0s13	20 53	2 34	24 48	1 37	24 59	1 8	8 46	0 56	17 9	2 8	2 57	0 36	7 43	1 57	33 33	10 0	16 51	16 24	11 16		n.a.
S 25	23 23	22 37	1 32	20 39	2 47	24 40	1 37	25 0	1 8	8 45	0 55	17 10	2 8	2 58	0 36	7 43	1 57	33 33	10 0	16 50	16 23	11 19		n.a.
S 26	23 27	26 1	2 45	20 26	3 0	24 32	1 37	25 0	1 8	8 45	0 55	17 10	2 8	2 58	0 36	7 43	1 57	33 33	10 0	16 49	16 22	11 22		n.a.
M27	23 32	27 37	3 46	20 13	3 13	24 23	1 37	25 0	1 8	8 45	0 55	17 11	2 8	2 59	0 36	7 43	1 57	33 34	10 0	16 48	16 21	11 25		n.a.
T 28	23 36	27 20	4 32	20 2	3 25	24 13	1 37	25 0	1 8	8 44	0 55	17 12	2 9	2 59	0 36	7 43	1 57	33 34	10 0	16 47	16 20	11 28		n.a.
W29	23 39	25 20	5 0	19 51	3 36	24 2	1 37	24 59	1 8	8 44	0 54	17 12	2 9	3 0	0 36	7 43	1 57	33 34	10 0	16 45	16 19	11 31		n.a.
T 30	23n42	21s56	5s11	19n41	3s47	23n51	1n37	24n58	1n 8	8s44	0n54	17s13	2s 9	3n 1	0s36	7s43	1s57	33s34	10s 1	16n43	16n18	11n35		n.a.

Julian Day Number = 1202188.5, Delta T = 09h21m24s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'27, Lahiri = -23°34'27 Julian Calendar 1 June 1422 BCE == Greg. Calendar 19 May 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

JULY 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 43 17	24♊28'51	26♒46	9°R43	21♋47	3♋29	24°R15	19°R38	8♈52	15♓13	8°R28	15°R16	13♉53	2♉34	n.a.	F 1
S 2	17 47 14	25°26'24	9♓25	9♋15	23° 0	4° 7	24♎14	19♒36	8°53	15°R13	8♏27	15♉13	13°50	2°40	n.a.	S 2
S 3	17 51 10	26°23'58	21°44	8°43	24°13	4°45	24°14	19°35	8°55	15°13	8°26	15°D12	13°47	2°47	n.a.	S 3
M 4	17 55 7	27°21'34	3♈48	8° 5	25°26	5°24	24°14	19°33	8°56	15°13	8°24	15°12	13°43	2°54	n.a.	M 4
T 5	17 59 3	28°19'11	15°41	7°24	26°39	6° 2	24°D14	19°31	8°57	15°13	8°23	15°13	13°40	3° 0	n.a.	T 5
W 6	18 3 0	29°16'51	27°30	6°39	27°52	6°40	24°14	19°29	8°58	15°13	8°22	15°14	13°37	3° 7	n.a.	W 6
T 7	18 6 56	0♋14'32	9♉18	5°51	29° 4	7°18	24°14	19°27	9° 0	15°13	8°20	15°R16	13°34	3°14	n.a.	T 7
F 8	18 10 53	1°12'14	21°10	5° 1	0♌17	7°57	24°15	19°24	9° 1	15°13	8°19	15°16	13°31	3°20	n.a.	F 8
S 9	18 14 50	2° 9'59	3♊11	4° 9	1°30	8°35	24°15	19°22	9° 2	15°13	8°18	15°14	13°27	3°27	n.a.	S 9
S 10	18 18 46	3° 7'45	15°23	3°18	2°43	9°13	24°16	19°20	9° 3	15°12	8°16	15°10	13°24	3°34	n.a.	S 10
M11	18 22 43	4° 5'33	27°47	2°27	3°55	9°51	24°17	19°17	9° 3	15°12	8°15	15° 4	13°21	3°40	n.a.	M11
T 12	18 26 39	5° 3'23	10♋27	1°38	5° 8	10°30	24°19	19°14	9° 4	15°12	8°14	14°56	13°18	3°47	n.a.	T 12
W13	18 30 36	6° 1'14	23°20	0°52	6°21	11° 8	24°20	19°12	9° 5	15°11	8°12	14°48	13°15	3°54	n.a.	W13
T 14	18 34 32	6°59'07	6♌28	0°10	7°34	11°47	24°22	19° 9	9° 6	15°11	8°11	14°39	13°12	4° 0	n.a.	T 14
F 15	18 38 29	7°57'01	19°48	29♊33	8°46	12°25	24°23	19° 6	9° 7	15°11	8°10	14°30	13° 8	4° 7	n.a.	F 15
S 16	18 42 26	8°54'57	3♍21	29° 1	9°59	13° 3	24°25	19° 3	9° 7	15°10	8° 9	14°24	13° 5	4°14	n.a.	S 16
S 17	18 46 22	9°52'54	17° 3	28°35	11°12	13°42	24°28	19° 0	9° 8	15°10	8° 7	14°19	13° 2	4°20	n.a.	S 17
M18	18 50 19	10°50'53	0♎56	28°17	12°24	14°20	24°30	18°57	9° 9	15° 9	8° 6	14°17	12°59	4°27	n.a.	M18
T 19	18 54 15	11°48'53	14°57	28° 6	13°37	14°59	24°33	18°54	9° 9	15° 9	8° 5	14°D17	12°56	4°33	n.a.	T 19
W20	18 58 12	12°46'55	29° 7	28°D 2	14°49	15°37	24°35	18°50	9°10	15° 8	8° 3	14°17	12°53	4°40	n.a.	W20
T 21	19 2 8	13°44'58	13♏23	28° 7	16° 2	16°15	24°38	18°47	9°10	15° 8	8° 2	14°R18	12°49	4°47	n.a.	T 21
F 22	19 6 5	14°43'03	27°45	28°20	17°14	16°54	24°41	18°43	9°10	15° 7	8° 1	14°17	12°46	4°53	n.a.	F 22
S 23	19 10 1	15°41'09	12♐ 8	28°42	18°27	17°32	24°45	18°40	9°11	15° 6	7°59	14°14	12°43	5° 0	n.a.	S 23
S 24	19 13 58	16°39'17	26°29	29°11	19°39	18°11	24°48	18°36	9°11	15° 6	7°58	14° 9	12°40	5° 7	n.a.	S 24
M25	19 17 55	17°37'28	10♑42	29°49	20°51	18°49	24°52	18°33	9°11	15° 5	7°57	14° 1	12°37	5°13	n.a.	M25
T 26	19 21 51	18°35'39	24°42	0♋35	22° 4	19°28	24°55	18°29	9°11	15° 4	7°55	13°51	12°33	5°20	n.a.	T 26
W27	19 25 48	19°33'53	8♒25	1°29	23°16	20° 7	24°59	18°25	9°11	15° 3	7°54	13°41	12°30	5°27	n.a.	W27
T 28	19 29 44	20°32'09	21°46	2°30	24°28	20°45	25° 3	18°21	9°12	15° 3	7°53	13°30	12°27	5°33	n.a.	T 28
F 29	19 33 41	21°30'27	4♓46	3°37	25°41	21°24	25° 8	18°17	9°R12	15° 2	7°52	13°21	12°24	5°40	n.a.	F 29
S 30	19 37 37	22°28'47	17°24	4°51	26°53	22° 2	25°12	18°13	9°12	15° 1	7°50	13°13	12°21	5°47	n.a.	S 30
S 31	19 41 34	23♋27'09	29♓43	6♋11	28♌ 5	22♋41	25♎17	18♒ 9	9♈11	15♓ 0	7♏49	13♉ 9	12♉18	5♉53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n45	17s34	5s 5	19n33	3s58	23n39	1n36	24n58	1n 9	8s44	0n54	17s14	2s 9	3n 1	0s36	7s43	1s57	33s35	10s 1	16n42	16n17	11n38		n.a.
S 2	23 47	12 32	4 44	19 26	4 7	23 26	1 36	24 57	1 9	8 44	0 53	17 15	2 10	3 2	0 37	7 43	1 57	33 35	10 1	16 41	16 16	11 41		n.a.
S 3	23 49	7 9	4 10	19 20	4 15	23 13	1 35	24 55	1 9	8 44	0 53	17 16	2 10	3 2	0 37	7 43	1 57	33 35	10 1	16 41	16 15	11 44		n.a.
M 4	23 50	1 36	3 26	19 15	4 22	22 59	1 35	24 54	1 9	8 44	0 53	17 16	2 10	3 3	0 37	7 43	1 57	33 35	10 1	16 41	16 14	11 47		n.a.
T 5	23 51	3n56	2 34	19 12	4 27	22 44	1 34	24 52	1 9	8 45	0 53	17 17	2 10	3 3	0 37	7 43	1 57	33 35	10 1	16 41	16 13	11 50		n.a.
W 6	23 52	9 18	1 35	19 11	4 31	22 29	1 34	24 51	1 9	8 45	0 52	17 18	2 11	3 4	0 37	7 43	1 57	33 36	10 1	16 42	16 12	11 53		n.a.
T 7	23 52	14 20	0 32	19 11	4 33	22 13	1 33	24 49	1 9	8 45	0 52	17 19	2 11	3 4	0 37	7 44	1 58	33 36	10 1	16 42	16 11	11 56		n.a.
F 8	23 51	18 53	0n32	19 12	4 34	21 56	1 32	24 46	1 9	8 46	0 52	17 20	2 11	3 4	0 37	7 44	1 58	33 36	10 1	16 42	16 10	12 0		n.a.
S 9	23 51	22 43	1 35	19 15	4 33	21 39	1 31	24 44	1 9	8 46	0 51	17 21	2 11	3 5	0 37	7 44	1 58	33 36	10 2	16 41	16 9	12 3		n.a.
S 10	23 50	25 37	2 35	19 20	4 29	21 21	1 30	24 41	1 9	8 47	0 51	17 22	2 12	3 5	0 37	7 44	1 58	33 36	10 2	16 40	16 8	12 6		n.a.
M11	23 48	27 19	3 29	19 26	4 24	21 3	1 29	24 39	1 9	8 48	0 51	17 23	2 12	3 5	0 37	7 44	1 58	33 36	10 2	16 39	16 7	12 9		n.a.
T 12	23 46	27 39	4 13	19 34	4 17	20 44	1 28	24 36	1 10	8 48	0 51	17 24	2 12	3 6	0 37	7 44	1 58	33 37	10 2	16 36	16 6	12 12		n.a.
W13	23 43	26 29	4 45	19 43	4 8	20 24	1 26	24 33	1 10	8 49	0 50	17 25	2 12	3 6	0 37	7 45	1 58	33 37	10 2	16 34	16 6	12 15		n.a.
T 14	23 41	23 52	5 3	19 54	3 58	20 4	1 25	24 29	1 10	8 50	0 50	17 26	2 13	3 6	0 37	7 45	1 58	33 37	10 2	16 31	16 5	12 18		n.a.
F 15	23 37	19 56	5 5	20 6	3 46	19 44	1 24	24 26	1 10	8 51	0 50	17 28	2 13	3 7	0 37	7 45	1 58	33 37	10 2	16 28	16 4	12 21		n.a.
S 16	23 33	14 56	4 50	20 19	3 32	19 22	1 22	24 22	1 10	8 52	0 50	17 29	2 13	3 7	0 37	7 45	1 58	33 37	10 2	16 26	16 3	12 24		n.a.
S 17	23 29	9 9	4 18	20 33	3 18	19 1	1 20	24 18	1 10	8 53	0 49	17 30	2 13	3 7	0 37	7 45	1 58	33 37	10 2	16 25	16 2	12 27		n.a.
M18	23 25	2 50	3 31	20 49	3 2	18 38	1 19	24 14	1 10	8 54	0 49	17 31	2 14	3 7	0 37	7 46	1 58	33 37	10 2	16 24	16 1	12 31		n.a.
T 19	23 20	3s41	2 30	21 5	2 46	18 16	1 17	24 10	1 10	8 55	0 49	17 32	2 14	3 7	0 37	7 46	1 58	33 38	10 2	16 24	16 0	12 34		n.a.
W20	23 14	10 6	1 20	21 22	2 29	17 52	1 15	24 5	1 10	8 56	0 48	17 34	2 14	3 8	0 37	7 46	1 58	33 38	10 2	16 25	15 59	12 37		n.a.
T 21	23 8	16 3	0 5	21 39	2 12	17 29	1 13	24 1	1 10	8 58	0 48	17 35	2 14	3 8	0 37	7 47	1 58	33 38	10 2	16 25	15 58	12 40		n.a.
F 22	23 2	21 10	1s11	21 56	1 55	17 5	1 11	23 56	1 10	8 59	0 48	17 36	2 14	3 8	0 37	7 47	1 59	33 38	10 2	16 24	15 57	12 43		n.a.
S 23	22 55	25 0	2 23	22 14	1 37	16 40	1 9	23 51	1 10	9 1	0 48	17 38	2 15	3 8	0 37	7 47	1 59	33 38	10 2	16 24	15 56	12 46		n.a.
S 24	22 48	27 14	3 25	22 31	1 20	16 15	1 7	23 46	1 10	9 2	0 47	17 39	2 15	3 8	0 37	7 47	1 59	33 38	10 2	16 22	15 55	12 49		n.a.
M25	22 41	27 38	4 14	22 49	1 3	15 49	1 5	23 40	1 10	9 4	0 47	17 40	2 15	3 8	0 37	7 48	1 59	33 38	10 2	16 20	15 54	12 52		n.a.
T 26	22 33	26 15	4 46	23 5	0 47	15 24	1 3	23 35	1 10	9 5	0 47	17 42	2 15	3 8	0 37	7 48	1 59	33 38	10 2	16 17	15 53	12 55		n.a.
W27	22 24	23 20	5 2	23 21	0 31	14 57	1 1	23 29	1 10	9 7	0 47	17 43	2 15	3 8	0 37	7 49	1 59	33 38	10 2	16 13	15 52	12 58		n.a.
T 28	22 16	19 13	5 0	23 35	0 15	14 31	0 58	23 23	1 10	9 9	0 46	17 44	2 16	3 8	0 37	7 49	1 59	33 39	10 2	16 10	15 51	13 1		n.a.
F 29	22 7	14 18	4 42	23 48	0 1	14 4	0 56	23 17	1 10	9 11	0 46	17 46	2 16	3 8	0 37	7 49	1 59	33 39	10 2	16 7	15 50	13 4		n.a.
S 30	21 57	8 54	4 11	24 0	0n13	13 36	0 53	23 11	1 10	9 13	0 46	17 47	2 16	3 8	0 37	7 50	1 59	33 39	10 2	16 5	15 49	13 8		n.a.
S 31	21n47	3s18	3s29	24n 9	0n26	13n 9	0n51	23n 4	1n10	9s15	0n46	17s49	2s16	3n 8	0s37	7s50	1s59	33s39	10s 2	16n 4	15n48	13n11		n.a.

Julian Day Number = 1202218.5, Delta T = 09h21m22s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'23, Lahiri = -23°34'23 Julian Calendar 1 July 1422 BCE == Greg. Calendar 18 June 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

AUGUST 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 45 30	24♋25'33	11♈47	7♋37	29♌17	23♋20	25♎22	18°R 5	9°R11	14°R59	7°R48	13°R 6	12♉14	6♉ 0	n.a.	M 1
T 2	19 49 27	25°24'00	23°40	9° 7	0♍29	23°58	25°27	18♒ 1	9♈11	14♓58	7♑46	13°D 5	12°11	6° 7	n.a.	T 2
W 3	19 53 23	26°22'29	5♉29	10°42	1°41	24°37	25°32	17°57	9°11	14°57	7°45	13♉ 5	12° 8	6°13	n.a.	W 3
T 4	19 57 20	27°21'01	17°18	12°20	2°53	25°16	25°37	17°53	9°11	14°56	7°44	13°R 5	12° 5	6°20	n.a.	T 4
F 5	20 1 17	28°19'34	29°13	14° 1	4° 5	25°55	25°42	17°48	9°10	14°55	7°43	13° 4	12° 2	6°27	n.a.	F 5
S 6	20 5 13	29°18'10	11♊18	15°46	5°17	26°33	25°48	17°44	9°10	14°54	7°42	13° 1	11°59	6°33	n.a.	S 6
S 7	20 9 10	0♌16'49	23°38	17°32	6°29	27°12	25°54	17°39	9° 9	14°53	7°40	12°56	11°55	6°40	n.a.	S 7
M 8	20 13 6	1°15'30	6♋15	19°20	7°41	27°51	26° 0	17°35	9° 9	14°52	7°39	12°47	11°52	6°46	n.a.	M 8
T 9	20 17 3	2°14'13	19°11	21°10	8°53	28°30	26° 6	17°30	9° 8	14°51	7°38	12°36	11°49	6°53	n.a.	T 9
W10	20 20 59	3°12'58	2♌26	23° 0	10° 5	29° 9	26°12	17°26	9° 8	14°50	7°37	12°24	11°46	7° 0	n.a.	W10
T 11	20 24 56	4°11'45	15°58	24°51	11°16	29°48	26°18	17°21	9° 7	14°49	7°36	12°12	11°43	7° 6	n.a.	T 11
F 12	20 28 52	5°10'34	29°44	26°43	12°28	0♌27	26°25	17°17	9° 7	14°47	7°35	12° 0	11°39	7°13	n.a.	F 12
S 13	20 32 49	6° 9'25	13♍40	28°35	13°40	1° 6	26°32	17°12	9° 6	14°46	7°33	11°50	11°36	7°20	n.a.	S 13
S 14	20 36 46	7° 8'19	27°43	0♌27	14°51	1°45	26°38	17° 8	9° 5	14°45	7°32	11°43	11°33	7°26	n.a.	S 14
M15	20 40 42	8° 7'14	11♎48	2°18	16° 3	2°24	26°45	17° 3	9° 4	14°44	7°31	11°39	11°30	7°33	n.a.	M15
T 16	20 44 39	9° 6'11	25°55	4° 9	17°15	3° 3	26°52	16°58	9° 3	14°42	7°30	11°38	11°27	7°40	n.a.	T 16
W17	20 48 35	10° 5'10	10♏ 2	6° 0	18°26	3°42	27° 0	16°53	9° 2	14°41	7°29	11°37	11°24	7°46	n.a.	W17
T 18	20 52 32	11° 4'11	24° 7	7°50	19°38	4°21	27° 7	16°49	9° 1	14°40	7°28	11°37	11°20	7°53	n.a.	T 18
F 19	20 56 28	12° 3'13	8♐11	9°39	20°49	5° 0	27°15	16°44	9° 0	14°38	7°27	11°36	11°17	8° 0	n.a.	F 19
S 20	21 0 25	13° 2'18	22°11	11°28	22° 0	5°39	27°22	16°39	8°59	14°37	7°26	11°32	11°14	8° 6	n.a.	S 20
S 21	21 4 21	14° 1'25	6♑ 6	13°16	23°12	6°18	27°30	16°34	8°58	14°36	7°25	11°25	11°11	8°13	n.a.	S 21
M22	21 8 18	15° 0'34	19°53	15° 3	24°23	6°57	27°38	16°30	8°57	14°34	7°24	11°16	11° 8	8°19	n.a.	M22
T 23	21 12 14	15°59'44	3♒30	16°49	25°34	7°36	27°46	16°25	8°56	14°33	7°23	11° 4	11° 5	8°26	n.a.	T 23
W24	21 16 11	16°58'57	16°53	18°35	26°45	8°15	27°55	16°20	8°55	14°31	7°22	10°51	11° 1	8°33	n.a.	W24
T 25	21 20 8	17°58'12	0♓ 0	20°19	27°56	8°55	28° 3	16°15	8°53	14°30	7°21	10°39	10°58	8°39	n.a.	T 25
F 26	21 24 4	18°57'29	12°49	22° 3	29° 7	9°34	28°11	16°11	8°52	14°28	7°20	10°27	10°55	8°46	n.a.	F 26
S 27	21 28 1	19°56'49	25°21	23°46	0♎18	10°13	28°20	16° 6	8°51	14°27	7°19	10°18	10°52	8°53	n.a.	S 27
S 28	21 31 57	20°56'11	7♈36	25°28	1°29	10°52	28°29	16° 1	8°49	14°25	7°18	10°11	10°49	8°59	n.a.	S 28
M29	21 35 54	21°55'35	19°38	27°10	2°40	11°32	28°38	15°56	8°48	14°24	7°17	10° 7	10°45	9° 6	n.a.	M29
T 30	21 39 50	22°55'02	1♉31	28°50	3°50	12°11	28°47	15°52	8°46	14°22	7°17	10° 6	10°42	9°13	n.a.	T 30
W31	21 43 47	23♌54'31	13♉19	0♍30	5♎ 1	12♌50	28♎56	15♒47	8♈45	14♓21	7♑16	10°D 5	10♉39	9♉19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	21n37	2n19	2s38	24n17	0n38	12n41	0n48	22n58	1n10	9s17	0n45	17s50	2s16	3n 8	0s37	7s50	1s59	33s39	10s 2	16n 3		15n47		13n14			n.a.
T 2	21 26	7 47	1 41	24 22	0 50	12 12	0 46	22 51	1 10	9 19	0 45	17 52	2 16	3 8	0 37	7 51	1 59	33 39	10 2	16 3		15 46		13 17			n.a.
W 3	21 15	12 57	0 40	24 25	1 0	11 44	0 43	22 44	1 10	9 21	0 45	17 53	2 17	3 8	0 37	7 51	1 59	33 39	10 2	16 3		15 45		13 20			n.a.
T 4	21 4	17 39	0n22	24 25	1 9	11 15	0 40	22 37	1 10	9 23	0 45	17 55	2 17	3 8	0 37	7 52	1 59	33 39	10 2	16 3		15 44		13 23			n.a.
F 5	20 52	21 43	1 25	24 23	1 17	10 45	0 37	22 29	1 10	9 25	0 44	17 56	2 17	3 8	0 37	7 52	1 59	33 39	10 2	16 2		15 43		13 26			n.a.
S 6	20 39	24 54	2 24	24 19	1 24	10 16	0 34	22 22	1 10	9 27	0 44	17 58	2 17	3 7	0 37	7 53	1 59	33 39	10 2	16 1		15 42		13 29			n.a.
S 7	20 27	26 59	3 17	24 11	1 31	9 46	0 31	22 14	1 10	9 30	0 44	17 59	2 17	3 7	0 37	7 53	1 59	33 39	10 2	16 0		15 41		13 32			n.a.
M 8	20 14	27 45	4 2	24 1	1 36	9 16	0 28	22 6	1 10	9 32	0 44	18 1	2 17	3 7	0 37	7 54	2 0	33 39	10 2	15 57		15 40		13 35			n.a.
T 9	20 1	27 1	4 36	23 49	1 40	8 46	0 25	21 58	1 10	9 35	0 43	18 2	2 18	3 7	0 37	7 54	2 0	33 39	10 2	15 54		15 39		13 38			n.a.
W10	19 47	24 46	4 56	23 34	1 44	8 16	0 22	21 50	1 10	9 37	0 43	18 4	2 18	3 6	0 38	7 55	2 0	33 39	10 2	15 50		15 38		13 41			n.a.
T 11	19 33	21 5	5 0	23 17	1 47	7 45	0 19	21 42	1 10	9 40	0 43	18 5	2 18	3 6	0 38	7 55	2 0	33 39	10 2	15 46		15 37		13 44			n.a.
F 12	19 19	16 13	4 46	22 57	1 49	7 14	0 15	21 33	1 10	9 42	0 43	18 7	2 18	3 6	0 38	7 56	2 0	33 39	10 2	15 42		15 36		13 47			n.a.
S 13	19 4	10 27	4 16	22 36	1 50	6 43	0 12	21 25	1 10	9 45	0 42	18 8	2 18	3 6	0 38	7 56	2 0	33 39	10 2	15 39		15 35		13 50			n.a.
S 14	18 49	4 7	3 30	22 12	1 50	6 12	0 9	21 16	1 10	9 48	0 42	18 10	2 18	3 5	0 38	7 57	2 0	33 39	10 2	15 37		15 34		13 53			n.a.
M15	18 34	2s27	2 31	21 47	1 50	5 41	0 5	21 7	1 10	9 51	0 42	18 12	2 18	3 5	0 38	7 57	2 0	33 39	10 2	15 36		15 33		13 56			n.a.
T 16	18 18	8 55	1 22	21 20	1 49	5 9	0 2	20 58	1 10	9 53	0 42	18 13	2 18	3 5	0 38	7 58	2 0	33 39	10 1	15 35		15 32		13 59			n.a.
W17	18 2	14 57	0 8	20 51	1 48	4 38	0s 1	20 48	1 10	9 56	0 42	18 15	2 18	3 4	0 38	7 58	2 0	33 39	10 1	15 35		15 31		14 2			n.a.
T 18	17 45	20 12	1s 6	20 21	1 46	4 6	0 5	20 39	1 10	9 59	0 41	18 16	2 19	3 4	0 38	7 59	2 0	33 39	10 1	15 35		15 30		14 5			n.a.
F 19	17 29	24 17	2 15	19 49	1 44	3 34	0 8	20 29	1 10	10 2	0 41	18 18	2 19	3 3	0 38	8 0	2 0	33 39	10 1	15 35		15 29		14 8			n.a.
S 20	17 12	26 54	3 17	19 16	1 41	3 3	0 12	20 19	1 10	10 5	0 41	18 19	2 19	3 3	0 38	8 0	2 0	33 39	10 1	15 34		15 28		14 11			n.a.
S 21	16 55	27 49	4 6	18 42	1 38	2 31	0 16	20 9	1 10	10 8	0 41	18 21	2 19	3 2	0 38	8 1	2 0	33 39	10 1	15 32		15 27		14 14			n.a.
M22	16 37	26 58	4 40	18 7	1 35	1 59	0 19	19 59	1 10	10 11	0 40	18 22	2 19	3 2	0 38	8 1	2 0	33 39	10 1	15 29		15 26		14 17			n.a.
T 23	16 19	24 32	4 58	17 30	1 31	1 27	0 23	19 49	1 10	10 15	0 40	18 24	2 19	3 1	0 38	8 2	2 0	33 39	10 1	15 25		15 25		14 20			n.a.
W24	16 1	20 47	4 59	16 53	1 26	0 55	0 27	19 39	1 10	10 18	0 40	18 25	2 19	3 1	0 38	8 2	2 0	33 39	10 1	15 21		15 24		14 23			n.a.
T 25	15 43	16 5	4 44	16 16	1 22	0 22	0 30	19 28	1 10	10 21	0 40	18 27	2 19	3 0	0 38	8 3	2 0	33 39	10 1	15 17		15 23		14 26			n.a.
F 26	15 24	10 46	4 14	15 37	1 17	0s10	0 34	19 17	1 10	10 24	0 40	18 29	2 19	3 0	0 38	8 4	2 0	33 39	10 0	15 13		15 22		14 29			n.a.
S 27	15 5	5 8	3 33	14 58	1 12	0 42	0 38	19 6	1 10	10 28	0 39	18 30	2 19	2 59	0 38	8 4	2 0	33 39	10 0	15 10		15 21		14 32			n.a.
S 28	14 46	0n35	2 43	14 18	1 7	1 14	0 42	18 55	1 9	10 31	0 39	18 32	2 19	2 59	0 38	8 5	2 0	33 39	10 0	15 8		15 20		14 35			n.a.
M29	14 27	6 11	1 46	13 38	1 1	1 46	0 45	18 44	1 9	10 34	0 39	18 33	2 19	2 58	0 38	8 6	2 0	33 39	10 0	15 7		15 19		14 38			n.a.
T 30	14 7	11 30	0 45	12 57	0 55	2 18	0 49	18 33	1 9	10 38	0 39	18 35	2 19	2 57	0 38	8 6	2 0	33 38	10 0	15 6		15 18		14 41			n.a.
W31	13n47	16n23	0n17	12n15	0n49	2s50	0s53	18n22	1n 9	10s41	0n39	18s36	2s19	2n57	0s38	8s 7	2s 0	33s38	10s 0	15n 6		15n17		14n44			n.a.

Julian Day Number = 1202249.5, Delta T = 09h21m20s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'19, Lahiri = -23°34'18 Julian Calendar 1 Aug. 1422 BCE == Greg. Calendar 19 July 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

SEPTEMBER 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 47 43	24♌54'02	25♉ 7	2♍ 9	6♎11	13♌30	29♎ 5	15°R42	8°R43	14°R19	7°R15	10°R 5	10♉36	9♉26	n.a.	T 1
F 2	21 51 40	25°53'36	7♊ 2	3°48	7°22	14° 9	29°14	15♒38	8♈42	14♓18	7♑14	10♉ 5	10°33	9°33	n.a.	F 2
S 3	21 55 36	26°53'13	19° 8	5°25	8°32	14°49	29°24	15°33	8°40	14°16	7°13	10° 3	10°30	9°39	n.a.	S 3
S 4	21 59 33	27°52'52	1♋31	7° 2	9°43	15°28	29°33	15°28	8°38	14°14	7°13	9°58	10°26	9°46	n.a.	S 4
M 5	22 3 30	28°52'34	14°14	8°38	10°53	16° 8	29°43	15°24	8°36	14°13	7°12	9°51	10°23	9°53	n.a.	M 5
T 6	22 7 26	29°52'18	27°21	10°14	12° 3	16°47	29°53	15°19	8°35	14°11	7°11	9°42	10°20	9°59	n.a.	T 6
W 7	22 11 23	0♍52'04	10♌51	11°49	13°14	17°27	0♏ 3	15°15	8°33	14°10	7°10	9°31	10°17	10° 6	n.a.	W 7
T 8	22 15 19	1°51'52	24°43	13°23	14°24	18° 6	0°13	15°10	8°31	14° 8	7°10	9°19	10°14	10°12	n.a.	T 8
F 9	22 19 16	2°51'43	8♍53	14°57	15°34	18°46	0°23	15° 6	8°29	14° 6	7° 9	9° 9	10°11	10°19	n.a.	F 9
S 10	22 23 12	3°51'35	23°15	16°30	16°44	19°26	0°33	15° 1	8°27	14° 5	7° 9	9° 0	10° 7	10°26	n.a.	S 10
S 11	22 27 9	4°51'30	7♎44	18° 2	17°53	20° 5	0°43	14°57	8°25	14° 3	7° 8	8°54	10° 4	10°32	n.a.	S 11
M12	22 31 5	5°51'26	22°14	19°34	19° 3	20°45	0°54	14°53	8°23	14° 1	7° 7	8°50	10° 1	10°39	n.a.	M12
T 13	22 35 2	6°51'24	6♏39	21° 5	20°13	21°25	1° 4	14°48	8°21	14° 0	7° 7	8°D49	9°58	10°46	n.a.	T 13
W14	22 38 58	7°51'25	20°56	22°35	21°22	22° 4	1°15	14°44	8°19	13°58	7° 6	8°49	9°55	10°52	n.a.	W14
T 15	22 42 55	8°51'27	5♐ 3	24° 5	22°32	22°44	1°26	14°40	8°17	13°56	7° 6	8°R50	9°51	10°59	n.a.	T 15
F 16	22 46 52	9°51'30	19° 0	25°35	23°41	23°24	1°36	14°36	8°15	13°55	7° 5	8°50	9°48	11° 6	n.a.	F 16
S 17	22 50 48	10°51'36	2♑45	27° 3	24°50	24° 4	1°47	14°32	8°13	13°53	7° 5	8°47	9°45	11°12	n.a.	S 17
S 18	22 54 45	11°51'43	16°20	28°32	26° 0	24°44	1°58	14°28	8°11	13°51	7° 4	8°43	9°42	11°19	n.a.	S 18
M19	22 58 41	12°51'52	29°44	29°59	27° 9	25°23	2°10	14°24	8° 9	13°50	7° 4	8°36	9°39	11°26	n.a.	M19
T 20	23 2 38	13°52'03	12♒56	1♎26	28°17	26° 3	2°21	14°20	8° 6	13°48	7° 4	8°27	9°36	11°32	n.a.	T 20
W21	23 6 34	14°52'16	25°56	2°52	29°26	26°43	2°32	14°16	8° 4	13°46	7° 3	8°17	9°32	11°39	n.a.	W21
T 22	23 10 31	15°52'30	8♓42	4°18	0♏35	27°23	2°43	14°13	8° 2	13°44	7° 3	8° 7	9°29	11°46	n.a.	T 22
F 23	23 14 27	16°52'46	21°15	5°42	1°43	28° 3	2°55	14° 9	8° 0	13°43	7° 3	7°58	9°26	11°52	n.a.	F 23
S 24	23 18 24	17°53'04	3♈35	7° 6	2°52	28°43	3° 6	14° 6	7°57	13°41	7° 2	7°51	9°23	11°59	n.a.	S 24
S 25	23 22 21	18°53'24	15°43	8°30	4° 0	29°23	3°18	14° 2	7°55	13°39	7° 2	7°46	9°20	12° 5	n.a.	S 25
M26	23 26 17	19°53'47	27°41	9°52	5° 8	0♍ 3	3°30	13°59	7°53	13°38	7° 2	7°44	9°16	12°12	n.a.	M26
T 27	23 30 14	20°54'11	9♉31	11°13	6°16	0°43	3°41	13°55	7°50	13°36	7° 2	7°D43	9°13	12°19	n.a.	T 27
W28	23 34 10	21°54'37	21°18	12°33	7°24	1°24	3°53	13°52	7°48	13°34	7° 2	7°44	9°10	12°25	n.a.	W28
T 29	23 38 7	22°55'05	3♊ 5	13°52	8°32	2° 4	4° 5	13°49	7°45	13°33	7° 1	7°45	9° 7	12°32	n.a.	T 29
F 30	23 42 3	23♍55'36	14♊59	15♎10	9♏39	2♍44	4♏17	13♒46	7♈43	13♓31	7♑ 1	7♉47	9♉ 4	12♉39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n27	20n40	1n19	11n34	0n43	3s22	0s57	18n10	1n 9	10s45	0n38	18s37	2s19	2n56	0s38	8s 7	2s 0	33s38	10s 0	15n 6	15n16	14n47		n.a.
F 2	13 7	24 8	2 18	10 52	0 37	3 54	1 1	17 58	1 9	10 48	0 38	18 39	2 19	2 56	0 38	8 8	2 1	33 38	9 59	15 6	15 15	14 50		n.a.
S 3	12 46	26 36	3 12	10 10	0 31	4 26	1 5	17 47	1 9	10 52	0 38	18 40	2 19	2 55	0 38	8 9	2 1	33 38	9 59	15 5	15 14	14 53		n.a.
S 4	12 25	27 49	3 58	9 27	0 24	4 57	1 8	17 35	1 9	10 55	0 38	18 42	2 19	2 54	0 38	8 9	2 1	33 38	9 59	15 4	15 13	14 56		n.a.
M 5	12 4	27 37	4 33	8 45	0 18	5 29	1 12	17 23	1 9	10 59	0 37	18 43	2 19	2 53	0 38	8 10	2 1	33 38	9 59	15 2	15 12	14 59		n.a.
T 6	11 43	25 53	4 56	8 2	0 11	6 1	1 16	17 10	1 9	11 3	0 37	18 44	2 19	2 53	0 38	8 11	2 1	33 38	9 59	14 58	15 11	15 2		n.a.
W 7	11 22	22 39	5 2	7 19	0 5	6 32	1 20	16 58	1 9	11 7	0 37	18 46	2 19	2 52	0 38	8 11	2 1	33 38	9 59	14 55	15 10	15 5		n.a.
T 8	11 0	18 5	4 52	6 37	0s 2	7 3	1 24	16 45	1 8	11 10	0 37	18 47	2 19	2 51	0 38	8 12	2 1	33 38	9 59	14 51	15 9	15 8		n.a.
F 9	10 38	12 26	4 23	5 54	0 9	7 34	1 28	16 33	1 8	11 14	0 37	18 48	2 19	2 50	0 38	8 13	2 1	33 37	9 58	14 48	15 8	15 11		n.a.
S 10	10 16	6 3	3 38	5 11	0 16	8 5	1 31	16 20	1 8	11 18	0 37	18 50	2 19	2 50	0 38	8 13	2 1	33 37	9 58	14 45	15 7	15 14		n.a.
S 11	9 54	0s43	2 38	4 28	0 23	8 36	1 35	16 7	1 8	11 22	0 36	18 51	2 19	2 49	0 38	8 14	2 1	33 37	9 58	14 43	15 6	15 17		n.a.
M12	9 31	7 27	1 27	3 45	0 29	9 7	1 39	15 54	1 8	11 26	0 36	18 52	2 19	2 48	0 38	8 15	2 1	33 37	9 58	14 42	15 5	15 20		n.a.
T 13	9 9	13 47	0 12	3 2	0 36	9 37	1 43	15 41	1 8	11 29	0 36	18 54	2 19	2 47	0 38	8 15	2 1	33 37	9 58	14 41	15 4	15 23		n.a.
W14	8 46	19 20	1s 4	2 20	0 43	10 7	1 46	15 28	1 8	11 33	0 36	18 55	2 19	2 46	0 38	8 16	2 1	33 37	9 58	14 42	15 3	15 26		n.a.
T 15	8 23	23 44	2 16	1 38	0 50	10 37	1 50	15 15	1 8	11 37	0 36	18 56	2 19	2 46	0 38	8 17	2 1	33 37	9 57	14 42	15 2	15 29		n.a.
F 16	8 0	26 41	3 18	0 55	0 57	11 7	1 54	15 1	1 7	11 41	0 35	18 57	2 19	2 45	0 38	8 17	2 1	33 36	9 57	14 42	15 1	15 32		n.a.
S 17	7 37	27 58	4 8	0 13	1 3	11 36	1 57	14 48	1 7	11 45	0 35	18 58	2 19	2 44	0 38	8 18	2 1	33 36	9 57	14 41	15 0	15 35		n.a.
S 18	7 14	27 31	4 43	0s28	1 10	12 5	2 1	14 34	1 7	11 49	0 35	18 59	2 19	2 43	0 38	8 19	2 1	33 36	9 57	14 39	14 59	15 38		n.a.
M19	6 51	25 29	5 2	1 10	1 17	12 34	2 5	14 20	1 7	11 53	0 35	19 1	2 19	2 42	0 38	8 19	2 1	33 36	9 57	14 37	14 58	15 41		n.a.
T 20	6 27	22 5	5 5	1 51	1 23	13 3	2 8	14 6	1 7	11 58	0 35	19 2	2 19	2 41	0 38	8 20	2 1	33 36	9 56	14 34	14 57	15 44		n.a.
W21	6 4	17 39	4 51	2 31	1 29	13 31	2 12	13 52	1 7	12 2	0 35	19 3	2 19	2 40	0 38	8 21	2 1	33 36	9 56	14 31	14 56	15 47		n.a.
T 22	5 40	12 30	4 24	3 12	1 36	13 59	2 15	13 38	1 7	12 6	0 34	19 4	2 19	2 39	0 38	8 21	2 1	33 36	9 56	14 28	14 54	15 50		n.a.
F 23	5 16	6 56	3 43	3 51	1 42	14 26	2 18	13 24	1 6	12 10	0 34	19 5	2 18	2 38	0 38	8 22	2 1	33 35	9 56	14 25	14 53	15 52		n.a.
S 24	4 52	1 12	2 53	4 31	1 48	14 54	2 22	13 10	1 6	12 14	0 34	19 6	2 18	2 38	0 38	8 23	2 1	33 35	9 56	14 22	14 52	15 55		n.a.
S 25	4 28	4n31	1 56	5 9	1 53	15 21	2 25	12 55	1 6	12 18	0 34	19 7	2 18	2 37	0 38	8 23	2 1	33 35	9 56	14 21	14 51	15 58		n.a.
M26	4 4	10 0	0 54	5 47	1 59	15 47	2 28	12 41	1 6	12 22	0 34	19 8	2 18	2 36	0 38	8 24	2 1	33 35	9 55	14 20	14 50	16 1		n.a.
T 27	3 40	15 4	0n10	6 25	2 4	16 13	2 32	12 26	1 6	12 27	0 34	19 8	2 18	2 35	0 38	8 25	2 1	33 35	9 55	14 20	14 49	16 4		n.a.
W28	3 16	19 35	1 13	7 2	2 9	16 39	2 35	12 11	1 6	12 31	0 33	19 9	2 18	2 34	0 38	8 25	2 1	33 34	9 55	14 20	14 48	16 7		n.a.
T 29	2 52	23 19	2 13	7 37	2 14	17 5	2 38	11 56	1 5	12 35	0 33	19 10	2 18	2 33	0 38	8 26	2 1	33 34	9 55	14 21	14 47	16 10		n.a.
F 30	2n27	26n 7	3n 8	8s12	2s19	17s30	2s41	11n42	1n 5	12s39	0n33	19s11	2s18	2n32	0s38	8s27	2s 1	33s34	9s55	14n21	14n46	16n13		n.a.

Julian Day Number = 1202280.5, Delta T = 09h21m18s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'15, Lahiri = -23°34'14 Julian Calendar 1 Sept. 1422 BCE == Greg. Calendar 19 Aug. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

OCTOBER 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 46 0	24♍56'08	27♊ 3	16♎27	10♏47	3♍24	4♏29	13°R43	7°R41	13°R29	7°R 1	7°R47	9♉ 1	12♉45	n.a.	S 1
S 2	23 49 56	25°56'43	9♋24	17°41	11°54	4° 4	4°41	13♒40	7♈38	13♓28	7♂ 1	7♉46	8°57	12°52	n.a.	S 2
M 3	23 53 53	26°57'19	22° 5	18°55	13° 1	4°45	4°54	13°37	7°36	13°26	7° 1	7°43	8°54	12°59	n.a.	M 3
T 4	23 57 50	27°57'57	5♌12	20° 6	14° 8	5°25	5° 6	13°35	7°33	13°24	7°D 1	7°39	8°51	13° 5	n.a.	T 4
W 5	0 1 46	28°58'38	18°45	21°15	15°15	6° 5	5°18	13°32	7°31	13°23	7° 1	7°33	8°48	13°12	n.a.	W 5
T 6	0 5 43	29°59'20	2♍44	22°21	16°21	6°46	5°31	13°29	7°28	13°21	7° 1	7°26	8°45	13°19	n.a.	T 6
F 7	0 9 39	1♎ 0'04	17° 8	23°25	17°27	7°26	5°43	13°27	7°26	13°20	7° 1	7°20	8°42	13°25	n.a.	F 7
S 8	0 13 36	2° 0'49	1♎49	24°25	18°34	8° 6	5°56	13°25	7°23	13°18	7° 1	7°16	8°38	13°32	n.a.	S 8
S 9	0 17 32	3° 1'36	16°42	25°22	19°40	8°47	6° 8	13°22	7°21	13°16	7° 1	7°12	8°35	13°38	n.a.	S 9
M10	0 21 29	4° 2'24	1♏37	26°15	20°45	9°27	6°21	13°20	7°18	13°15	7° 2	7°D11	8°32	13°45	n.a.	M10
T 11	0 25 25	5° 3'14	16°27	27° 4	21°51	10° 8	6°34	13°18	7°16	13°13	7° 2	7°11	8°29	13°52	n.a.	T 11
W12	0 29 22	6° 4'05	1♐ 6	27°47	22°56	10°48	6°46	13°16	7°13	13°12	7° 2	7°12	8°26	13°58	n.a.	W12
T 13	0 33 19	7° 4'57	15°28	28°24	24° 1	11°29	6°59	13°14	7°11	13°10	7° 2	7°14	8°22	14° 5	n.a.	T 13
F 14	0 37 15	8° 5'51	29°32	28°55	25° 6	12°10	7°12	13°13	7° 8	13° 9	7° 3	7°15	8°19	14°12	n.a.	F 14
S 15	0 41 12	9° 6'45	13♑16	29°18	26°11	12°50	7°25	13°11	7° 6	13° 7	7° 3	7°R15	8°16	14°18	n.a.	S 15
S 16	0 45 8	10° 7'41	26°42	29°34	27°15	13°31	7°38	13°10	7° 3	13° 6	7° 3	7°14	8°13	14°25	n.a.	S 16
M17	0 49 5	11° 8'38	9♒51	29°R41	28°19	14°12	7°51	13° 8	7° 1	13° 4	7° 3	7°12	8°10	14°32	n.a.	M17
T 18	0 53 1	12° 9'35	22°45	29°38	29°23	14°52	8° 4	13° 7	6°58	13° 3	7° 4	7° 8	8° 7	14°38	n.a.	T 18
W19	0 56 58	13°10'33	5♓24	29°25	0♗26	15°33	8°17	13° 6	6°56	13° 1	7° 4	7° 4	8° 3	14°45	n.a.	W19
T 20	1 0 54	14°11'33	17°51	29° 1	1°29	16°14	8°31	13° 5	6°53	13° 0	7° 5	7° 0	8° 0	14°52	n.a.	T 20
F 21	1 4 51	15°12'33	0♈ 7	28°26	2°32	16°55	8°44	13° 4	6°51	12°59	7° 5	6°57	7°57	14°58	n.a.	F 21
S 22	1 8 48	16°13'35	12°14	27°40	3°35	17°35	8°57	13° 3	6°48	12°57	7° 6	6°54	7°54	15° 5	n.a.	S 22
S 23	1 12 44	17°14'37	24°13	26°43	4°37	18°16	9°10	13° 2	6°46	12°56	7° 6	6°52	7°51	15°12	n.a.	S 23
M24	1 16 41	18°15'41	6♉ 5	25°38	5°39	18°57	9°24	13° 1	6°43	12°55	7° 7	6°D52	7°48	15°18	n.a.	M24
T 25	1 20 37	19°16'46	17°53	24°24	6°40	19°38	9°37	13° 1	6°41	12°53	7° 7	6°52	7°44	15°25	n.a.	T 25
W26	1 24 34	20°17'52	29°40	23° 5	7°41	20°19	9°51	13° 0	6°38	12°52	7° 8	6°53	7°41	15°31	n.a.	W26
T 27	1 28 30	21°18'59	11♊28	21°43	8°42	21° 0	10° 4	13° 0	6°36	12°51	7° 8	6°55	7°38	15°38	n.a.	T 27
F 28	1 32 27	22°20'08	23°22	20°20	9°42	21°41	10°17	13° 0	6°34	12°50	7° 9	6°56	7°35	15°45	n.a.	F 28
S 29	1 36 23	23°21'17	5♋26	19° 0	10°42	22°22	10°31	13°D 0	6°31	12°48	7°10	6°57	7°32	15°51	n.a.	S 29
S 30	1 40 20	24°22'28	17°44	17°45	11°41	23° 3	10°45	13° 0	6°29	12°47	7°10	6°58	7°28	15°58	n.a.	S 30
M31	1 44 17	25♎23'39	0♌20	16♎37	12♐40	23♍44	10♏58	13♒ 0	6♈27	12♓46	7♂11	6°R58	7♉25	16♉ 5	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n 3	27n46	3n56	8s46	2s23	17s54	2s44	11n27	1n 5	12s44	0n33	19s12	2s18	2n31	0s38	8s27	2s 1	33s34	9s54	14n21	14n45	16n16		n.a.
S 2	1 38	28 4	4 34	9 19	2 27	18 18	2 46	11 12	1 5	12 48	0 33	19 12	2 17	2 30	0 38	8 28	2 1	33 34	9 54	14 21	14 44	16 19		n.a.
M 3	1 14	26 56	4 59	9 51	2 30	18 42	2 49	10 56	1 5	12 52	0 33	19 13	2 17	2 29	0 38	8 29	2 1	33 33	9 54	14 20	14 43	16 21		n.a.
T 4	0 49	24 19	5 10	10 21	2 34	19 5	2 52	10 41	1 4	12 57	0 32	19 14	2 17	2 28	0 38	8 29	2 1	33 33	9 54	14 18	14 42	16 24		n.a.
W 5	0 25	20 17	5 5	10 50	2 36	19 28	2 54	10 26	1 4	13 1	0 32	19 14	2 17	2 27	0 38	8 30	2 1	33 33	9 54	14 16	14 41	16 27		n.a.
T 6	0 0	15 2	4 41	11 17	2 38	19 50	2 57	10 10	1 4	13 5	0 32	19 15	2 17	2 26	0 38	8 30	2 1	33 33	9 53	14 14	14 40	16 30		n.a.
F 7	0s24	8 50	3 59	11 43	2 40	20 12	2 59	9 55	1 4	13 10	0 32	19 16	2 17	2 25	0 38	8 31	2 1	33 33	9 53	14 12	14 39	16 33		n.a.
S 8	0 49	2 1	3 1	12 7	2 41	20 34	3 2	9 39	1 4	13 14	0 32	19 16	2 17	2 24	0 38	8 32	2 1	33 32	9 53	14 11	14 38	16 36		n.a.
S 9	1 13	5s 0	1 50	12 28	2 41	20 54	3 4	9 24	1 3	13 18	0 32	19 17	2 17	2 23	0 38	8 32	2 1	33 32	9 53	14 10	14 37	16 39		n.a.
M10	1 38	11 46	0 30	12 47	2 40	21 15	3 6	9 8	1 3	13 23	0 32	19 17	2 16	2 22	0 38	8 33	2 1	33 32	9 53	14 9	14 36	16 42		n.a.
T 11	2 3	17 52	0s51	13 4	2 39	21 34	3 8	8 52	1 3	13 27	0 31	19 18	2 16	2 21	0 38	8 33	2 1	33 32	9 52	14 9	14 35	16 44		n.a.
W12	2 27	22 49	2 7	13 17	2 36	21 54	3 10	8 36	1 3	13 32	0 31	19 18	2 16	2 20	0 38	8 34	2 1	33 32	9 52	14 10	14 34	16 47		n.a.
T 13	2 52	26 17	3 15	13 28	2 33	22 12	3 12	8 20	1 2	13 36	0 31	19 18	2 16	2 19	0 38	8 35	2 1	33 31	9 52	14 10	14 33	16 50		n.a.
F 14	3 16	28 0	4 9	13 35	2 28	22 30	3 14	8 4	1 2	13 40	0 31	19 19	2 16	2 18	0 38	8 35	2 1	33 31	9 52	14 10	14 32	16 53		n.a.
S 15	3 40	27 57	4 47	13 38	2 22	22 48	3 15	7 48	1 2	13 45	0 31	19 19	2 16	2 17	0 38	8 36	2 0	33 31	9 51	14 11	14 31	16 56		n.a.
S 16	4 5	26 14	5 9	13 37	2 15	23 5	3 17	7 32	1 2	13 49	0 31	19 19	2 15	2 16	0 38	8 36	2 0	33 31	9 51	14 10	14 30	16 59		n.a.
M17	4 29	23 7	5 14	13 31	2 6	23 21	3 18	7 16	1 1	13 54	0 31	19 20	2 15	2 15	0 38	8 37	2 0	33 30	9 51	14 9	14 29	17 2		n.a.
T 18	4 53	18 56	5 3	13 20	1 56	23 37	3 19	7 0	1 1	13 58	0 30	19 20	2 15	2 14	0 38	8 37	2 0	33 30	9 51	14 8	14 28	17 4		n.a.
W19	5 17	13 58	4 37	13 4	1 44	23 52	3 20	6 44	1 1	14 3	0 30	19 20	2 15	2 13	0 38	8 38	2 0	33 30	9 51	14 7	14 27	17 7		n.a.
T 20	5 42	8 31	3 58	12 43	1 30	24 6	3 21	6 27	1 1	14 7	0 30	19 20	2 15	2 12	0 38	8 38	2 0	33 30	9 50	14 6	14 25	17 10		n.a.
F 21	6 6	2 50	3 9	12 16	1 15	24 20	3 22	6 11	1 0	14 11	0 30	19 20	2 15	2 11	0 38	8 39	2 0	33 30	9 50	14 4	14 24	17 13		n.a.
S 22	6 29	2n54	2 12	11 43	0 58	24 33	3 23	5 54	1 0	14 16	0 30	19 20	2 14	2 10	0 38	8 39	2 0	33 29	9 50	14 3	14 23	17 16		n.a.
S 23	6 53	8 29	1 9	11 6	0 40	24 46	3 23	5 38	1 0	14 20	0 30	19 21	2 14	2 9	0 38	8 40	2 0	33 29	9 50	14 3	14 22	17 19		n.a.
M24	7 17	13 43	0 4	10 23	0 20	24 58	3 24	5 21	0 59	14 25	0 30	19 21	2 14	2 8	0 38	8 40	2 0	33 29	9 50	14 3	14 21	17 21		n.a.
T 25	7 41	18 26	1n 1	9 37	0 0	25 9	3 24	5 5	0 59	14 29	0 29	19 21	2 14	2 7	0 38	8 41	2 0	33 29	9 49	14 3	14 20	17 24		n.a.
W26	8 4	22 26	2 3	8 49	0n21	25 20	3 24	4 48	0 59	14 34	0 29	19 20	2 14	2 6	0 38	8 41	2 0	33 28	9 49	14 3	14 19	17 27		n.a.
T 27	8 27	25 32	3 0	7 58	0 41	25 30	3 24	4 31	0 59	14 38	0 29	19 20	2 14	2 5	0 38	8 42	2 0	33 28	9 49	14 4	14 18	17 30		n.a.
F 28	8 51	27 32	3 50	7 9	1 1	25 39	3 24	4 15	0 58	14 42	0 29	19 20	2 13	2 4	0 38	8 42	2 0	33 28	9 49	14 4	14 17	17 33		n.a.
S 29	9 14	28 16	4 31	6 20	1 20	25 48	3 23	3 58	0 58	14 47	0 29	19 20	2 13	2 3	0 38	8 43	2 0	33 28	9 49	14 5	14 16	17 35		n.a.
S 30	9 37	27 37	5 0	5 35	1 37	25 56	3 23	3 41	0 58	14 51	0 29	19 20	2 13	2 2	0 38	8 43	2 0	33 28	9 49	14 5	14 15	17 38		n.a.
M31	9s59	25n34	5n15	4s55	1n53	26s 3	3s22	3n24	0n57	14s56	0n29	19s20	2s13	2n 1	0s38	8s43	2s 0	33s27	9s48	14n 5	14n14	17n41		n.a.

Julian Day Number = 1202310.5, Delta T = 09h21m17s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'11, Lahiri = -23°34'10 Julian Calendar 1 Oct. 1422 BCE == Greg. Calendar 18 Sept. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

NOVEMBER 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 48 13	26♎24'52	13♌19	15°R38	13♐39	24♍25	11♏12	13♒ 0	6°R24	12°R45	7♑12	6°R57	7♉22	16♉11	n.a.	T 1
W 2	1 52 10	27°26'05	26°45	14♎50	14°37	25° 6	11°25	13° 0	6♈22	12♓44	7°13	6♉57	7°19	16°18	n.a.	W 2
T 3	1 56 6	28°27'20	10♍38	14°12	15°35	25°48	11°39	13° 1	6°20	12°43	7°13	6°55	7°16	16°25	n.a.	T 3
F 4	2 0 3	29°28'35	24°58	13°46	16°32	26°29	11°53	13° 1	6°17	12°42	7°14	6°54	7°13	16°31	n.a.	F 4
S 5	2 3 59	0♏29'52	9♎42	13°31	17°28	27°10	12° 6	13° 2	6°15	12°41	7°15	6°54	7° 9	16°38	n.a.	S 5
S 6	2 7 56	1°31'08	24°43	13°D27	18°24	27°51	12°20	13° 3	6°13	12°40	7°16	6°53	7° 6	16°45	n.a.	S 6
M 7	2 11 52	2°32'26	9♏54	13°32	19°19	28°33	12°34	13° 4	6°11	12°39	7°17	6°D53	7° 3	16°51	n.a.	M 7
T 8	2 15 49	3°33'44	25° 5	13°47	20°14	29°14	12°48	13° 5	6° 9	12°38	7°18	6°53	7° 0	16°58	n.a.	T 8
W 9	2 19 46	4°35'02	10♐ 5	14°10	21° 8	29°55	13° 2	13° 6	6° 6	12°37	7°19	6°54	6°57	17° 5	n.a.	W 9
T 10	2 23 42	5°36'21	24°49	14°41	22° 2	0♎37	13°15	13° 7	6° 4	12°36	7°19	6°54	6°53	17°11	n.a.	T 10
F 11	2 27 39	6°37'40	9♑10	15°18	22°54	1°18	13°29	13° 9	6° 2	12°35	7°20	6°R54	6°50	17°18	n.a.	F 11
S 12	2 31 35	7°38'58	23° 5	16° 2	23°46	2° 0	13°43	13°10	6° 0	12°34	7°21	6°54	6°47	17°24	n.a.	S 12
S 13	2 35 32	8°40'17	6♒35	16°51	24°38	2°41	13°57	13°12	5°58	12°34	7°22	6°D54	6°44	17°31	n.a.	S 13
M14	2 39 28	9°41'36	19°41	17°45	25°28	3°23	14°11	13°13	5°56	12°33	7°24	6°54	6°41	17°38	n.a.	M14
T 15	2 43 25	10°42'54	2♓27	18°43	26°18	4° 4	14°25	13°15	5°54	12°32	7°25	6°54	6°38	17°44	n.a.	T 15
W16	2 47 22	11°44'12	14°54	19°44	27° 7	4°46	14°38	13°17	5°52	12°31	7°26	6°54	6°34	17°51	n.a.	W16
T 17	2 51 18	12°45'31	27° 8	20°49	27°55	5°27	14°52	13°19	5°50	12°31	7°27	6°55	6°31	17°58	n.a.	T 17
F 18	2 55 15	13°46'49	9♈11	21°57	28°42	6° 9	15° 6	13°21	5°49	12°30	7°28	6°56	6°28	18° 4	n.a.	F 18
S 19	2 59 11	14°48'07	21° 7	23° 7	29°28	6°51	15°20	13°23	5°47	12°29	7°29	6°56	6°25	18°11	n.a.	S 19
S 20	3 3 8	15°49'24	2♉58	24°20	0♑13	7°32	15°34	13°26	5°45	12°29	7°30	6°R57	6°22	18°18	n.a.	S 20
M21	3 7 4	16°50'42	14°46	25°34	0°57	8°14	15°48	13°28	5°43	12°28	7°31	6°57	6°19	18°24	n.a.	M21
T 22	3 11 1	17°52'00	26°34	26°50	1°40	8°56	16° 2	13°31	5°42	12°28	7°33	6°56	6°15	18°31	n.a.	T 22
W23	3 14 57	18°53'18	8♊24	28° 8	2°21	9°38	16°16	13°33	5°40	12°27	7°34	6°55	6°12	18°38	n.a.	W23
T 24	3 18 54	19°54'35	20°17	29°28	3° 2	10°19	16°29	13°36	5°38	12°27	7°35	6°53	6° 9	18°44	n.a.	T 24
F 25	3 22 51	20°55'53	2♋17	0♏48	3°41	11° 1	16°43	13°39	5°37	12°27	7°36	6°51	6° 6	18°51	n.a.	F 25
S 26	3 26 47	21°57'10	14°26	2°10	4°19	11°43	16°57	13°42	5°35	12°26	7°38	6°48	6° 3	18°58	n.a.	S 26
S 27	3 30 44	22°58'28	26°46	3°33	4°56	12°25	17°11	13°45	5°34	12°26	7°39	6°46	5°59	19° 4	n.a.	S 27
M28	3 34 40	23°59'45	9♌22	4°56	5°32	13° 7	17°25	13°48	5°32	12°26	7°40	6°45	5°56	19°11	n.a.	M28
T 29	3 38 37	25° 1'02	22°15	6°21	6° 6	13°49	17°39	13°51	5°31	12°25	7°42	6°D44	5°53	19°18	n.a.	T 29
W30	3 42 33	26♏ 2'19	5♍31	7♏46	6♑38	14♎31	17♏53	13♒55	5♈30	12♓25	7♑43	6♉45	5♉50	19♉24	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s22	22n 8	5n15	4s19	2n 6	26s10	3s21	3n 7	0n57	15s 0	0n29	19s20	2s13	2n 0	0s38	8s44	2s 0	33s27	9s48	14n 5	14n13	17n44		n.a.
W 2	10 45	17 29	4 59	3 50	2 18	26 16	3 20	2 50	0 57	15 5	0 28	19 19	2 12	1 59	0 38	8 44	2 0	33 27	9 48	14 4	14 12	17 47		n.a.
T 3	11 7	11 46	4 24	3 27	2 27	26 21	3 19	2 34	0 56	15 9	0 28	19 19	2 12	1 59	0 38	8 45	2 0	33 27	9 48	14 4	14 11	17 49		n.a.
F 4	11 29	5 17	3 33	3 10	2 34	26 26	3 17	2 17	0 56	15 13	0 28	19 19	2 12	1 58	0 38	8 45	2 0	33 26	9 48	14 4	14 10	17 52		n.a.
S 5	11 51	1s41	2 26	2 59	2 40	26 30	3 15	2 0	0 56	15 18	0 28	19 18	2 12	1 57	0 38	8 45	2 0	33 26	9 47	14 3	14 9	17 55		n.a.
S 6	12 13	8 42	1 7	2 54	2 43	26 34	3 13	1 43	0 55	15 22	0 28	19 18	2 12	1 56	0 38	8 46	2 0	33 26	9 47	14 3	14 8	17 58		n.a.
M 7	12 34	15 18	0s17	2 54	2 45	26 36	3 11	1 26	0 55	15 26	0 28	19 17	2 12	1 55	0 38	8 46	2 0	33 26	9 47	14 3	14 7	18 1		n.a.
T 8	12 55	20 59	1 39	2 59	2 46	26 38	3 9	1 8	0 55	15 31	0 28	19 17	2 11	1 54	0 38	8 46	2 0	33 25	9 47	14 3	14 5	18 3		n.a.
W 9	13 17	25 14	2 54	3 9	2 45	26 40	3 7	0 51	0 54	15 35	0 28	19 16	2 11	1 53	0 38	8 47	1 59	33 25	9 47	14 3	14 4	18 6		n.a.
T 10	13 37	27 42	3 56	3 23	2 43	26 41	3 4	0 34	0 54	15 39	0 28	19 16	2 11	1 53	0 38	8 47	1 59	33 25	9 47	14 3	14 3	18 9		n.a.
F 11	13 58	28 13	4 42	3 40	2 40	26 41	3 1	0 17	0 53	15 44	0 27	19 15	2 11	1 52	0 38	8 47	1 59	33 25	9 46	14 3	14 2	18 12		n.a.
S 12	14 18	26 55	5 9	4 1	2 37	26 40	2 58	0 0	0 53	15 48	0 27	19 15	2 11	1 51	0 38	8 47	1 59	33 25	9 46	14 3	14 1	18 14		n.a.
S 13	14 39	24 5	5 18	4 24	2 33	26 39	2 54	0s17	0 53	15 52	0 27	19 14	2 10	1 50	0 38	8 48	1 59	33 24	9 46	14 3	14 0	18 17		n.a.
M14	14 58	20 4	5 10	4 49	2 28	26 38	2 51	0 34	0 52	15 57	0 27	19 13	2 10	1 49	0 38	8 48	1 59	33 24	9 46	14 3	13 59	18 20		n.a.
T 15	15 18	15 14	4 47	5 16	2 22	26 35	2 47	0 51	0 52	16 1	0 27	19 13	2 10	1 49	0 38	8 48	1 59	33 24	9 46	14 4	13 58	18 23		n.a.
W16	15 37	9 53	4 11	5 45	2 16	26 33	2 43	1 8	0 51	16 5	0 27	19 12	2 10	1 48	0 38	8 48	1 59	33 24	9 46	14 4	13 57	18 25		n.a.
T 17	15 57	4 16	3 24	6 16	2 10	26 29	2 38	1 26	0 51	16 10	0 27	19 11	2 10	1 47	0 38	8 49	1 59	33 23	9 45	14 4	13 56	18 28		n.a.
F 18	16 15	1n26	2 28	6 48	2 3	26 25	2 34	1 43	0 51	16 14	0 27	19 10	2 9	1 46	0 38	8 49	1 59	33 23	9 45	14 4	13 55	18 31		n.a.
S 19	16 34	7 3	1 27	7 20	1 57	26 20	2 29	2 0	0 50	16 18	0 27	19 10	2 9	1 46	0 38	8 49	1 59	33 23	9 45	14 4	13 54	18 33		n.a.
S 20	16 52	12 22	0 22	7 54	1 49	26 15	2 23	2 17	0 50	16 22	0 26	19 9	2 9	1 45	0 38	8 49	1 59	33 23	9 45	14 4	13 53	18 36		n.a.
M21	17 10	17 15	0n43	8 28	1 42	26 10	2 18	2 34	0 49	16 26	0 26	19 8	2 9	1 44	0 38	8 49	1 59	33 23	9 45	14 4	13 52	18 39		n.a.
T 22	17 28	21 28	1 47	9 3	1 35	26 3	2 12	2 51	0 49	16 31	0 26	19 7	2 9	1 44	0 37	8 49	1 59	33 22	9 45	14 4	13 51	18 42		n.a.
W23	17 45	24 49	2 46	9 38	1 27	25 57	2 6	3 8	0 48	16 35	0 26	19 6	2 9	1 43	0 37	8 50	1 59	33 22	9 45	14 4	13 50	18 44		n.a.
T 24	18 2	27 7	3 38	10 14	1 20	25 49	2 0	3 25	0 48	16 39	0 26	19 5	2 8	1 42	0 37	8 50	1 59	33 22	9 44	14 3	13 48	18 47		n.a.
F 25	18 18	28 11	4 21	10 50	1 12	25 42	1 53	3 42	0 48	16 43	0 26	19 4	2 8	1 42	0 37	8 50	1 59	33 22	9 44	14 2	13 47	18 50		n.a.
S 26	18 35	27 55	4 53	11 26	1 5	25 33	1 46	4 0	0 47	16 47	0 26	19 3	2 8	1 41	0 37	8 50	1 59	33 21	9 44	14 2	13 46	18 52		n.a.
S 27	18 51	26 16	5 11	12 2	0 57	25 25	1 39	4 17	0 47	16 51	0 26	19 2	2 8	1 41	0 37	8 50	1 58	33 21	9 44	14 1	13 45	18 55		n.a.
M28	19 6	23 17	5 16	12 37	0 49	25 16	1 31	4 34	0 46	16 55	0 26	19 1	2 8	1 40	0 37	8 50	1 58	33 21	9 44	14 0	13 44	18 58		n.a.
T 29	19 21	19 8	5 5	13 13	0 42	25 6	1 23	4 51	0 46	16 59	0 26	19 0	2 8	1 40	0 37	8 50	1 58	33 21	9 44	14 0	13 43	19 0		n.a.
W30	19s36	13n56	4n37	13s48	0n34	24s56	1s15	5s 8	0n45	17s 3	0n26	18s58	2s 7	1n39	0s37	8s50	1s58	33s21	9s44	14n 0	13n42	19n 3		n.a.

Julian Day Number = 1202341.5, Delta T = 09h21m15s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'06, Lahiri = -23°34'06 Julian Calendar 1 Nov. 1422 BCE == Greg. Calendar 19 Oct. 1422 BCE

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ASTRODIENST EPHEMERIS for the year 1422 BCE
geocentric

DECEMBER 1422 BCE (-1421) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 46 30	27♏ 3'36	19♍11	9♏12	7♉ 9	15♎13	18♏ 7	13♒58	5°R28	12°R25	7♉44	6♉46	5♉47	19♉31	n.a.	T 1
F 2	3 50 27	28° 4'52	3♎16	10°39	7°38	15°55	18°20	14° 2	5♈27	12♓25	7°46	6°47	5°44	19°37	n.a.	F 2
S 3	3 54 23	29° 6'09	17°46	12° 6	8° 6	16°37	18°34	14° 5	5°26	12°25	7°47	6°48	5°40	19°44	n.a.	S 3
S 4	3 58 20	0♐ 7'24	2♏37	13°35	8°32	17°19	18°48	14° 9	5°25	12°24	7°49	6°R49	5°37	19°51	n.a.	S 4
M 5	4 2 16	1° 8'40	17°44	15° 3	8°56	18° 1	19° 2	14°13	5°23	12°24	7°50	6°49	5°34	19°57	n.a.	M 5
T 6	4 6 13	2° 9'55	2♐58	16°33	9°19	18°43	19°15	14°17	5°22	12°D24	7°51	6°47	5°31	20° 4	n.a.	T 6
W 7	4 10 9	3°11'09	18° 8	18° 2	9°39	19°25	19°29	14°21	5°21	12°24	7°53	6°44	5°28	20°11	n.a.	W 7
T 8	4 14 6	4°12'23	3♉ 6	19°33	9°57	20° 8	19°43	14°25	5°20	12°24	7°54	6°40	5°25	20°17	n.a.	T 8
F 9	4 18 3	5°13'36	17°42	21° 4	10°14	20°50	19°57	14°29	5°19	12°24	7°56	6°36	5°21	20°24	n.a.	F 9
S 10	4 21 59	6°14'47	1♒52	22°36	10°28	21°32	20°10	14°33	5°19	12°25	7°57	6°32	5°18	20°31	n.a.	S 10
S 11	4 25 56	7°15'58	15°33	24° 8	10°40	22°14	20°24	14°38	5°18	12°25	7°59	6°29	5°15	20°37	n.a.	S 11
M12	4 29 52	8°17'07	28°46	25°40	10°50	22°57	20°37	14°42	5°17	12°25	8° 1	6°27	5°12	20°44	n.a.	M12
T 13	4 33 49	9°18'15	11♓33	27°14	10°57	23°39	20°51	14°47	5°16	12°25	8° 2	6°D27	5° 9	20°51	n.a.	T 13
W14	4 37 45	10°19'21	23°59	28°47	11° 2	24°21	21° 5	14°51	5°16	12°25	8° 4	6°27	5° 5	20°57	n.a.	W14
T 15	4 41 42	11°20'27	6♈ 8	0♐22	11° 5	25° 4	21°18	14°56	5°15	12°26	8° 5	6°29	5° 2	21° 4	n.a.	T 15
F 16	4 45 38	12°21'31	18° 5	1°57	11°R 5	25°46	21°31	15° 1	5°14	12°26	8° 7	6°31	4°59	21°11	n.a.	F 16
S 17	4 49 35	13°22'33	29°55	3°32	11° 3	26°28	21°45	15° 6	5°14	12°26	8° 8	6°32	4°56	21°17	n.a.	S 17
S 18	4 53 32	14°23'35	11♉41	5° 9	10°58	27°11	21°58	15°11	5°13	12°27	8°10	6°R32	4°53	21°24	n.a.	S 18
M19	4 57 28	15°24'35	23°29	6°46	10°50	27°53	22°12	15°16	5°13	12°27	8°12	6°31	4°50	21°31	n.a.	M19
T 20	5 1 25	16°25'34	5♊19	8°23	10°40	28°36	22°25	15°21	5°12	12°28	8°13	6°27	4°46	21°37	n.a.	T 20
W21	5 5 21	17°26'32	17°15	10° 1	10°28	29°18	22°38	15°26	5°12	12°28	8°15	6°21	4°43	21°44	n.a.	W21
T 22	5 9 18	18°27'29	29°17	11°40	10°13	0♏ 1	22°52	15°31	5°12	12°29	8°17	6°14	4°40	21°50	n.a.	T 22
F 23	5 13 14	19°28'24	11♋29	13°20	9°55	0°44	23° 5	15°37	5°12	12°29	8°18	6° 6	4°37	21°57	n.a.	F 23
S 24	5 17 11	20°29'18	23°49	15° 0	9°35	1°26	23°18	15°42	5°11	12°30	8°20	5°57	4°34	22° 4	n.a.	S 24
S 25	5 21 8	21°30'11	6♌21	16°41	9°13	2° 9	23°31	15°48	5°11	12°31	8°22	5°49	4°31	22°10	n.a.	S 25
M26	5 25 4	22°31'03	19° 5	18°23	8°48	2°51	23°44	15°53	5°11	12°31	8°23	5°43	4°27	22°17	n.a.	M26
T 27	5 29 1	23°31'53	2♍ 2	20° 5	8°21	3°34	23°57	15°59	5°D11	12°32	8°25	5°38	4°24	22°24	n.a.	T 27
W28	5 32 57	24°32'42	15°16	21°49	7°53	4°17	24°10	16° 5	5°11	12°33	8°27	5°36	4°21	22°30	n.a.	W28
T 29	5 36 54	25°33'30	28°47	23°33	7°22	5° 0	24°23	16°10	5°11	12°33	8°28	5°D36	4°18	22°37	n.a.	T 29
F 30	5 40 50	26°34'17	12♎38	25°17	6°50	5°42	24°36	16°16	5°12	12°34	8°30	5°36	4°15	22°44	n.a.	F 30
S 31	5 44 47	27♐35'03	26♎50	27♐ 3	6♉16	6♏25	24♏49	16♒22	5♈12	12♓35	8♉32	5♉37	4♉11	22♉50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s51	7n56	3n54	14s24	0n27	24s46	1s 6	5s25	0n45	17s 7	0n25	18s57	2s 7	1n39	0s37	8s50	1s58	33s20	9s44	14n 1	13n41	19n 6		n.a.
F 2	20 5	1 21	2 55	14 59	0 19	24 36	0 57	5 41	0 44	17 11	0 25	18 56	2 7	1 38	0 37	8 50	1 58	33 20	9 43	14 1	13 40	19 9		n.a.
S 3	20 19	5s30	1 43	15 33	0 12	24 25	0 48	5 58	0 44	17 15	0 25	18 55	2 7	1 38	0 37	8 50	1 58	33 20	9 43	14 2	13 39	19 11		n.a.
S 4	20 32	12 14	0 23	16 7	0 5	24 13	0 38	6 15	0 43	17 19	0 25	18 53	2 7	1 37	0 37	8 50	1 58	33 20	9 43	14 2	13 38	19 14		n.a.
M 5	20 45	18 23	1s 0	16 41	0s 3	24 2	0 28	6 32	0 43	17 23	0 25	18 52	2 7	1 37	0 37	8 50	1 58	33 20	9 43	14 2	13 37	19 16		n.a.
T 6	20 58	23 24	2 19	17 14	0 10	23 50	0 18	6 49	0 42	17 27	0 25	18 51	2 6	1 36	0 37	8 50	1 58	33 19	9 43	14 1	13 36	19 19		n.a.
W 7	21 10	26 47	3 28	17 46	0 17	23 38	0 7	7 6	0 42	17 31	0 25	18 50	2 6	1 36	0 37	8 50	1 58	33 19	9 43	14 0	13 34	19 22		n.a.
T 8	21 22	28 11	4 22	18 18	0 23	23 25	0n 4	7 22	0 41	17 35	0 25	18 48	2 6	1 36	0 37	8 50	1 58	33 19	9 43	13 59	13 33	19 24		n.a.
F 9	21 33	27 34	4 57	18 49	0 30	23 13	0 15	7 39	0 40	17 39	0 25	18 47	2 6	1 35	0 37	8 50	1 58	33 19	9 43	13 58	13 32	19 27		n.a.
S 10	21 44	25 10	5 12	19 20	0 36	23 0	0 27	7 56	0 40	17 42	0 25	18 45	2 6	1 35	0 37	8 50	1 58	33 19	9 43	13 56	13 31	19 30		n.a.
S 11	21 55	21 22	5 10	19 50	0 43	22 47	0 39	8 12	0 39	17 46	0 25	18 44	2 6	1 35	0 37	8 50	1 58	33 19	9 43	13 55	13 30	19 32		n.a.
M12	22 5	16 38	4 50	20 19	0 49	22 33	0 52	8 29	0 39	17 50	0 24	18 42	2 5	1 34	0 37	8 49	1 58	33 18	9 43	13 54	13 29	19 35		n.a.
T 13	22 14	11 18	4 17	20 47	0 55	22 20	1 4	8 45	0 38	17 54	0 24	18 41	2 5	1 34	0 37	8 49	1 57	33 18	9 42	13 54	13 28	19 38		n.a.
W14	22 24	5 40	3 32	21 14	1 1	22 6	1 18	9 1	0 38	17 57	0 24	18 39	2 5	1 34	0 37	8 49	1 57	33 18	9 42	13 55	13 27	19 40		n.a.
T 15	22 32	0n 3	2 39	21 40	1 6	21 53	1 31	9 18	0 37	18 1	0 24	18 38	2 5	1 34	0 37	8 49	1 57	33 18	9 42	13 55	13 26	19 43		n.a.
F 16	22 41	5 41	1 39	22 5	1 12	21 39	1 45	9 34	0 36	18 5	0 24	18 36	2 5	1 33	0 37	8 49	1 57	33 18	9 42	13 56	13 25	19 45		n.a.
S 17	22 49	11 5	0 36	22 30	1 17	21 25	1 59	9 50	0 36	18 8	0 24	18 35	2 5	1 33	0 37	8 49	1 57	33 18	9 42	13 56	13 24	19 48		n.a.
S 18	22 56	16 3	0n28	22 53	1 22	21 11	2 13	10 6	0 35	18 12	0 24	18 33	2 5	1 33	0 37	8 48	1 57	33 17	9 42	13 56	13 23	19 51		n.a.
M19	23 3	20 26	1 31	23 15	1 27	20 58	2 28	10 22	0 35	18 15	0 24	18 31	2 4	1 33	0 37	8 48	1 57	33 17	9 42	13 56	13 22	19 53		n.a.
T 20	23 9	24 2	2 30	23 36	1 31	20 44	2 42	10 38	0 34	18 19	0 24	18 30	2 4	1 33	0 37	8 48	1 57	33 17	9 42	13 54	13 20	19 56		n.a.
W21	23 16	26 36	3 23	23 55	1 35	20 30	2 57	10 54	0 33	18 23	0 24	18 28	2 4	1 33	0 36	8 48	1 57	33 17	9 42	13 53	13 19	19 58		n.a.
T 22	23 21	27 59	4 7	24 13	1 39	20 16	3 12	11 10	0 33	18 26	0 24	18 26	2 4	1 33	0 36	8 47	1 57	33 17	9 42	13 50	13 18	20 1		n.a.
F 23	23 26	28 1	4 41	24 30	1 43	20 2	3 27	11 26	0 32	18 30	0 24	18 24	2 4	1 33	0 36	8 47	1 57	33 17	9 42	13 47	13 17	20 4		n.a.
S 24	23 31	26 40	5 1	24 46	1 46	19 49	3 42	11 42	0 31	18 33	0 23	18 23	2 4	1 33	0 36	8 47	1 57	33 16	9 42	13 44	13 16	20 6		n.a.
S 25	23 35	23 59	5 8	25 0	1 49	19 36	3 57	11 57	0 31	18 36	0 23	18 21	2 4	1 33	0 36	8 47	1 57	33 16	9 42	13 42	13 15	20 9		n.a.
M26	23 39	20 6	5 0	25 12	1 52	19 22	4 12	12 13	0 30	18 40	0 23	18 19	2 3	1 33	0 36	8 46	1 57	33 16	9 42	13 40	13 14	20 11		n.a.
T 27	23 42	15 13	4 36	25 23	1 54	19 9	4 27	12 28	0 29	18 43	0 23	18 17	2 3	1 33	0 36	8 46	1 57	33 16	9 42	13 38	13 13	20 14		n.a.
W28	23 45	9 33	3 58	25 32	1 56	18 56	4 42	12 43	0 29	18 46	0 23	18 15	2 3	1 33	0 36	8 46	1 56	33 16	9 42	13 37	13 12	20 16		n.a.
T 29	23 47	3 19	3 5	25 40	1 57	18 44	4 56	12 59	0 28	18 50	0 23	18 13	2 3	1 33	0 36	8 45	1 56	33 16	9 42	13 37	13 11	20 19		n.a.
F 30	23 49	3s14	2 1	25 45	1 59	18 32	5 10	13 14	0 27	18 53	0 23	18 11	2 3	1 33	0 36	8 45	1 56	33 16	9 42	13 37	13 10	20 22		n.a.
S 31	23s50	9s47	0n47	25s49	1s59	18s20	5n23	13s29	0n27	18s56	0n23	18s10	2s 3	1n33	0s36	8s44	1s56	33s16	9s42	13n38	13n 8	20n24		n.a.

Julian Day Number = 1202371.5, Delta T = 09h21m13s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°41'02, Lahiri = -23°34'02 Julian Calendar 1 Dec. 1422 BCE == Greg. Calendar 18 Nov. 1422 BCE

The year -1421 astronomical counting style corresponds to year 1422 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

JANUARY 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 48 43	28♐35'47	11♏21	28♐49	5°R41	7♏ 8	25♏ 1	16♒28	5♈12	12♓36	8♑33	5°R37	4♉ 8	22♉57	n.a.	S 1
M 2	5 52 40	29°36'30	26° 8	0♑36	5♑ 6	7°51	25°14	16°34	5°12	12°37	8°35	5♉36	4° 5	23° 4	n.a.	M 2
T 3	5 56 37	0♑37'12	11♐ 6	2°24	4°29	8°34	25°27	16°40	5°13	12°38	8°37	5°32	4° 2	23°10	n.a.	T 3
W 4	6 0 33	1°37'52	26° 6	4°13	3°52	9°17	25°39	16°47	5°13	12°39	8°39	5°25	3°59	23°17	n.a.	W 4
T 5	6 4 30	2°38'31	11♑ 0	6° 2	3°14	9°59	25°52	16°53	5°14	12°40	8°40	5°16	3°56	23°24	n.a.	T 5
F 6	6 8 26	3°39'08	25°38	7°52	2°37	10°42	26° 4	16°59	5°14	12°41	8°42	5° 7	3°52	23°30	n.a.	F 6
S 7	6 12 23	4°39'43	9♒53	9°43	1°59	11°25	26°17	17° 5	5°15	12°42	8°44	4°57	3°49	23°37	n.a.	S 7
S 8	6 16 19	5°40'16	23°42	11°34	1°23	12° 8	26°29	17°12	5°15	12°43	8°46	4°49	3°46	23°44	n.a.	S 8
M 9	6 20 16	6°40'47	7♓ 2	13°25	0°47	12°51	26°41	17°18	5°16	12°44	8°47	4°42	3°43	23°50	n.a.	M 9
T 10	6 24 12	7°41'16	19°54	15°17	0°11	13°34	26°53	17°25	5°17	12°45	8°49	4°38	3°40	23°57	n.a.	T 10
W11	6 28 9	8°41'42	2♈24	17° 8	29♐37	14°17	27° 5	17°31	5°18	12°46	8°51	4°37	3°37	24° 4	n.a.	W11
T 12	6 32 6	9°42'07	14°34	19° 0	29° 5	15° 0	27°17	17°38	5°18	12°48	8°53	4°D37	3°33	24°10	n.a.	T 12
F 13	6 36 2	10°42'30	26°31	20°52	28°34	15°43	27°29	17°45	5°19	12°49	8°54	4°37	3°30	24°17	n.a.	F 13
S 14	6 39 59	11°42'50	8♉21	22°43	28° 5	16°26	27°41	17°51	5°20	12°50	8°56	4°R37	3°27	24°24	n.a.	S 14
S 15	6 43 55	12°43'08	20° 7	24°33	27°37	17°10	27°53	17°58	5°21	12°51	8°58	4°36	3°24	24°30	n.a.	S 15
M16	6 47 52	13°43'24	1♊55	26°22	27°12	17°53	28° 5	18° 5	5°22	12°53	9° 0	4°33	3°21	24°37	n.a.	M16
T 17	6 51 48	14°43'39	13°50	28° 9	26°49	18°36	28°17	18°12	5°23	12°54	9° 1	4°26	3°17	24°44	n.a.	T 17
W18	6 55 45	15°43'51	25°53	29°55	26°29	19°19	28°28	18°19	5°24	12°55	9° 3	4°17	3°14	24°50	n.a.	W18
T 19	6 59 41	16°44'01	8♋ 6	1♒38	26°10	20° 2	28°40	18°26	5°26	12°57	9° 5	4° 6	3°11	24°57	n.a.	T 19
F 20	7 3 38	17°44'09	20°32	3°19	25°54	20°45	28°51	18°33	5°27	12°58	9° 6	3°53	3° 8	25° 4	n.a.	F 20
S 21	7 7 35	18°44'14	3♌10	4°56	25°41	21°29	29° 2	18°40	5°28	13° 0	9° 8	3°40	3° 5	25°10	n.a.	S 21
S 22	7 11 31	19°44'18	16° 0	6°29	25°30	22°12	29°13	18°47	5°29	13° 1	9°10	3°27	3° 2	25°17	n.a.	S 22
M23	7 15 28	20°44'20	29° 2	7°58	25°21	22°55	29°25	18°54	5°31	13° 3	9°12	3°17	2°58	25°23	n.a.	M23
T 24	7 19 24	21°44'20	12♍15	9°21	25°15	23°38	29°36	19° 1	5°32	13° 4	9°13	3° 9	2°55	25°30	n.a.	T 24
W25	7 23 21	22°44'19	25°39	10°39	25°12	24°22	29°47	19° 8	5°34	13° 6	9°15	3° 4	2°52	25°37	n.a.	W25
T 26	7 27 17	23°44'15	9♎15	11°51	25°D11	25° 5	29°57	19°15	5°35	13° 7	9°17	3° 1	2°49	25°43	n.a.	T 26
F 27	7 31 14	24°44'10	23° 3	12°56	25°12	25°48	0♐ 8	19°23	5°37	13° 9	9°18	3° 1	2°46	25°50	n.a.	F 27
S 28	7 35 10	25°44'02	7♏ 3	13°53	25°16	26°32	0°19	19°30	5°38	13°11	9°20	3° 1	2°43	25°57	n.a.	S 28
S 29	7 39 7	26°43'53	21°16	14°44	25°22	27°15	0°29	19°37	5°40	13°12	9°22	3° 0	2°39	26° 3	n.a.	S 29
M30	7 43 4	27°43'43	5♐41	15°26	25°31	27°58	0°40	19°44	5°42	13°14	9°23	2°57	2°36	26°10	n.a.	M30
T 31	7 47 0	28♑43'30	20♐14	15♒59	25♐41	28♏42	0♐50	19♒52	5♈44	13♓16	9♑25	2♉52	2♉33	26♉17	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s51	15s59	0s31	25s51	2s 0	18s 8	5n36	13s44	0n26	18s59	0n23	18s 8	2s 3	1n33	0s36	8s44	1s56	33s15	9s42	13n38	13n 7	20n27			n.a.
M 2	23 52	21 22	1 48	25 51	1 59	17 57	5 49	13 59	0 25	19 3	0 23	18 6	2 3	1 33	0 36	8 44	1 56	33 15	9 42	13 37	13 6	20 29			n.a.
T 3	23 52	25 27	2 58	25 49	1 59	17 47	6 1	14 13	0 24	19 6	0 23	18 4	2 3	1 33	0 36	8 43	1 56	33 15	9 42	13 36	13 5	20 32			n.a.
W 4	23 51	27 45	3 57	25 45	1 58	17 37	6 12	14 28	0 24	19 9	0 23	18 2	2 2	1 34	0 36	8 43	1 56	33 15	9 42	13 34	13 4	20 34			n.a.
T 5	23 50	28 1	4 38	25 39	1 56	17 27	6 23	14 43	0 23	19 12	0 23	18 0	2 2	1 34	0 36	8 42	1 56	33 15	9 42	13 31	13 3	20 37			n.a.
F 6	23 49	26 19	5 1	25 31	1 54	17 18	6 32	14 57	0 22	19 15	0 22	17 58	2 2	1 34	0 36	8 42	1 56	33 15	9 42	13 27	13 2	20 39			n.a.
S 7	23 47	22 57	5 4	25 20	1 51	17 9	6 41	15 11	0 21	19 18	0 22	17 55	2 2	1 34	0 36	8 41	1 56	33 15	9 42	13 24	13 1	20 42			n.a.
S 8	23 44	18 23	4 49	25 8	1 47	17 2	6 50	15 25	0 21	19 21	0 22	17 53	2 2	1 35	0 36	8 41	1 56	33 15	9 42	13 21	13 0	20 44			n.a.
M 9	23 42	13 4	4 18	24 53	1 43	16 55	6 57	15 39	0 20	19 24	0 22	17 51	2 2	1 35	0 36	8 40	1 56	33 15	9 42	13 19	12 59	20 47			n.a.
T 10	23 38	7 21	3 35	24 36	1 38	16 48	7 4	15 53	0 19	19 27	0 22	17 49	2 2	1 35	0 36	8 40	1 56	33 15	9 42	13 18	12 58	20 49			n.a.
W11	23 34	1 31	2 43	24 17	1 33	16 42	7 9	16 7	0 18	19 30	0 22	17 47	2 2	1 36	0 36	8 39	1 56	33 15	9 42	13 17	12 56	20 52			n.a.
T 12	23 30	4n14	1 45	23 55	1 27	16 37	7 14	16 21	0 17	19 33	0 22	17 45	2 2	1 36	0 36	8 39	1 56	33 14	9 42	13 17	12 55	20 54			n.a.
F 13	23 25	9 44	0 43	23 32	1 20	16 33	7 18	16 34	0 17	19 36	0 22	17 43	2 2	1 36	0 36	8 38	1 56	33 14	9 42	13 17	12 54	20 57			n.a.
S 14	23 20	14 51	0n20	23 6	1 13	16 30	7 21	16 48	0 16	19 38	0 22	17 41	2 2	1 37	0 36	8 38	1 56	33 14	9 42	13 17	12 53	20 59			n.a.
S 15	23 15	19 24	1 22	22 39	1 4	16 27	7 24	17 1	0 15	19 41	0 22	17 38	2 1	1 37	0 36	8 37	1 55	33 14	9 42	13 17	12 52	21 2			n.a.
M16	23 9	23 12	2 20	22 10	0 55	16 25	7 25	17 14	0 14	19 44	0 22	17 36	2 1	1 38	0 36	8 37	1 55	33 14	9 43	13 16	12 51	21 4			n.a.
T 17	23 2	26 3	3 12	21 39	0 46	16 23	7 26	17 27	0 13	19 47	0 22	17 34	2 1	1 38	0 35	8 36	1 55	33 14	9 43	13 14	12 50	21 7			n.a.
W18	22 55	27 45	3 57	21 6	0 35	16 23	7 26	17 40	0 12	19 49	0 22	17 32	2 1	1 39	0 35	8 36	1 55	33 14	9 43	13 10	12 49	21 9			n.a.
T 19	22 48	28 7	4 31	20 32	0 24	16 23	7 26	17 53	0 12	19 52	0 22	17 29	2 1	1 39	0 35	8 35	1 55	33 14	9 43	13 7	12 48	21 12			n.a.
F 20	22 40	27 5	4 53	19 57	0 12	16 24	7 24	18 5	0 11	19 55	0 21	17 27	2 1	1 40	0 35	8 34	1 55	33 14	9 43	13 2	12 47	21 14			n.a.
S 21	22 32	24 40	5 1	19 22	0n 0	16 25	7 22	18 18	0 10	19 57	0 21	17 25	2 1	1 40	0 35	8 34	1 55	33 14	9 43	12 58	12 45	21 17			n.a.
S 22	22 23	20 59	4 54	18 46	0 13	16 27	7 20	18 30	0 9	20 0	0 21	17 23	2 1	1 41	0 35	8 33	1 55	33 14	9 43	12 53	12 44	21 19			n.a.
M23	22 14	16 14	4 31	18 10	0 27	16 30	7 17	18 42	0 8	20 2	0 21	17 20	2 1	1 41	0 35	8 32	1 55	33 14	9 43	12 50	12 43	21 21			n.a.
T 24	22 4	10 41	3 54	17 34	0 41	16 34	7 13	18 54	0 7	20 5	0 21	17 18	2 1	1 42	0 35	8 32	1 55	33 14	9 43	12 47	12 42	21 24			n.a.
W25	21 54	4 34	3 4	16 59	0 56	16 37	7 9	19 6	0 6	20 7	0 21	17 16	2 1	1 43	0 35	8 31	1 55	33 14	9 43	12 45	12 41	21 26			n.a.
T 26	21 44	1s52	2 2	16 25	1 10	16 42	7 5	19 17	0 5	20 9	0 21	17 13	2 1	1 43	0 35	8 30	1 55	33 14	9 43	12 44	12 40	21 29			n.a.
F 27	21 33	8 18	0 53	15 52	1 25	16 47	7 0	19 29	0 4	20 12	0 21	17 11	2 1	1 44	0 35	8 30	1 55	33 14	9 44	12 44	12 39	21 31			n.a.
S 28	21 22	14 27	0s21	15 21	1 40	16 52	6 55	19 40	0 3	20 14	0 21	17 8	2 1	1 45	0 35	8 29	1 55	33 14	9 44	12 44	12 38	21 33			n.a.
S 29	21 11	19 55	1 35	14 52	1 55	16 58	6 49	19 51	0 3	20 17	0 21	17 6	2 1	1 45	0 35	8 28	1 55	33 14	9 44	12 44	12 37	21 36			n.a.
M30	20 59	24 19	2 43	14 26	2 10	17 4	6 44	20 2	0 2	20 19	0 21	17 4	2 1	1 46	0 35	8 28	1 55	33 14	9 44	12 43	12 35	21 38			n.a.
T 31	20s47	27s11	3s42	14s 2	2n24	17s10	6n37	20s13	0n 1	20s21	0n21	17s 1	2s 1	1n47	0s35	8s27	1s55	33s14	9s44	12n41	12n34	21n41			n.a.

Julian Day Number = 1202402.5, Delta T = 09h21m11s
Ecliptic obliquity = 23°51'50, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'58, Lahiri = -23°33'58 Julian Calendar 1 Jan. 1421 BCE == Greg. Calendar 19 Dec. 1422 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

FEBRUARY 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 50 57	29♉43'16	4♉50	16♒25	25♐54	29♏25	1♐ 1	19♒59	5♈45	13♓18	9♉27	2°R43	2♋30	26♋23	n.a.	W 1
T 2	7 54 53	0♒42'59	19°23	16°41	26° 9	0♐ 9	1°11	20° 7	5°47	13°19	9°28	2♋32	2°27	26°30	n.a.	T 2
F 3	7 58 50	1°42'41	3♒46	16°R49	26°26	0°52	1°21	20°14	5°49	13°21	9°30	2°20	2°23	26°37	n.a.	F 3
S 4	8 2 46	2°42'20	17°51	16°49	26°44	1°35	1°31	20°22	5°51	13°23	9°32	2° 8	2°20	26°43	n.a.	S 4
S 5	8 6 43	3°41'57	1♓34	16°40	27° 5	2°19	1°41	20°29	5°53	13°25	9°33	1°57	2°17	26°50	n.a.	S 5
M 6	8 10 39	4°41'31	14°53	16°23	27°27	3° 2	1°50	20°37	5°55	13°27	9°35	1°48	2°14	26°57	n.a.	M 6
T 7	8 14 36	5°41'03	27°47	15°59	27°52	3°46	2° 0	20°44	5°57	13°28	9°36	1°42	2°11	27° 3	n.a.	T 7
W 8	8 18 33	6°40'33	10♈19	15°28	28°18	4°29	2° 9	20°52	5°59	13°30	9°38	1°38	2° 8	27°10	n.a.	W 8
T 9	8 22 29	7°40'00	22°32	14°50	28°45	5°13	2°19	20°59	6° 1	13°32	9°40	1°37	2° 4	27°17	n.a.	T 9
F 10	8 26 26	8°39'25	4♉31	14° 8	29°14	5°56	2°28	21° 7	6° 4	13°34	9°41	1°37	2° 1	27°23	n.a.	F 10
S 11	8 30 22	9°38'47	16°22	13°21	29°45	6°40	2°37	21°14	6° 6	13°36	9°43	1°37	1°58	27°30	n.a.	S 11
S 12	8 34 19	10°38'07	28°10	12°31	0♉17	7°23	2°46	21°22	6° 8	13°38	9°44	1°35	1°55	27°37	n.a.	S 12
M13	8 38 15	11°37'24	10♊ 1	11°39	0°50	8° 7	2°55	21°30	6°10	13°40	9°46	1°32	1°52	27°43	n.a.	M13
T 14	8 42 12	12°36'39	21°59	10°46	1°25	8°50	3° 4	21°37	6°13	13°42	9°47	1°27	1°49	27°50	n.a.	T 14
W15	8 46 8	13°35'52	4♋ 8	9°53	2° 1	9°34	3°12	21°45	6°15	13°44	9°49	1°18	1°45	27°57	n.a.	W15
T 16	8 50 5	14°35'02	16°31	9° 2	2°38	10°17	3°21	21°53	6°17	13°46	9°50	1° 8	1°42	28° 3	n.a.	T 16
F 17	8 54 1	15°34'10	29°10	8°12	3°17	11° 1	3°29	22° 0	6°20	13°48	9°52	0°56	1°39	28°10	n.a.	F 17
S 18	8 57 58	16°33'16	12♌ 6	7°26	3°56	11°44	3°38	22° 8	6°22	13°50	9°53	0°43	1°36	28°17	n.a.	S 18
S 19	9 1 55	17°32'19	25°17	6°43	4°37	12°28	3°46	22°16	6°25	13°52	9°55	0°31	1°33	28°23	n.a.	S 19
M20	9 5 51	18°31'20	8♍42	6° 4	5°19	13°11	3°54	22°24	6°27	13°54	9°56	0°21	1°29	28°30	n.a.	M20
T 21	9 9 48	19°30'20	22°18	5°31	6° 2	13°55	4° 2	22°31	6°30	13°56	9°58	0°13	1°26	28°37	n.a.	T 21
W22	9 13 44	20°29'17	6♎ 3	5° 2	6°45	14°39	4° 9	22°39	6°33	13°58	9°59	0° 8	1°23	28°43	n.a.	W22
T 23	9 17 41	21°28'12	19°56	4°39	7°30	15°22	4°17	22°47	6°35	14° 0	10° 0	0° 6	1°20	28°50	n.a.	T 23
F 24	9 21 37	22°27'05	3♏54	4°21	8°16	16° 6	4°24	22°54	6°38	14° 3	10° 2	0°D 6	1°17	28°57	n.a.	F 24
S 25	9 25 34	23°25'56	17°57	4° 9	9° 2	16°49	4°32	23° 2	6°41	14° 5	10° 3	0°R 6	1°14	29° 3	n.a.	S 25
S 26	9 29 30	24°24'46	2♐ 5	4° 3	9°50	17°33	4°39	23°10	6°43	14° 7	10° 4	0° 6	1°10	29°10	n.a.	S 26
M27	9 33 27	25°23'34	16°15	4°D 2	10°38	18°16	4°46	23°18	6°46	14° 9	10° 6	0° 5	1° 7	29°17	n.a.	M27
T 28	9 37 23	26°22'20	0♑27	4° 6	11°27	19° 0	4°53	23°25	6°49	14°11	10° 7	0° 0	1° 4	29°23	n.a.	T 28
W29	9 41 20	27♒21'04	14♑37	4♒16	12♑16	19♐44	4♐59	23♒33	6♈52	14♓13	10♉ 8	29♈54	1♋ 1	29♋30	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s34	28s12	4s26	13s41	2n38	17s17	6n31	20s23	0s 0	20s23	0n21	16s59	2s 1	1n48	0s35	8s26	1s55	33s14	9s44	12n38	12n33	21n43		n.a.
T 2	20 21	27 15	4 52	13 24	2 51	17 24	6 25	20 34	0 1	20 25	0 21	16 56	2 1	1 48	0 35	8 26	1 55	33 14	9 44	12 34	12 32	21 45		n.a.
F 3	20 8	24 30	5 0	13 10	3 3	17 31	6 18	20 44	0 2	20 28	0 20	16 54	2 1	1 49	0 35	8 25	1 55	33 14	9 45	12 30	12 31	21 48		n.a.
S 4	19 54	20 20	4 49	13 0	3 14	17 39	6 11	20 54	0 3	20 30	0 20	16 52	2 1	1 50	0 35	8 24	1 55	33 14	9 45	12 26	12 30	21 50		n.a.
S 5	19 40	15 10	4 22	12 53	3 24	17 46	6 4	21 4	0 4	20 32	0 20	16 49	2 1	1 51	0 35	8 23	1 54	33 14	9 45	12 22	12 29	21 53		n.a.
M 6	19 26	9 26	3 40	12 50	3 33	17 54	5 57	21 13	0 5	20 34	0 20	16 47	2 1	1 52	0 35	8 23	1 54	33 14	9 45	12 19	12 28	21 55		n.a.
T 7	19 11	3 28	2 49	12 50	3 40	18 2	5 49	21 23	0 6	20 36	0 20	16 44	2 1	1 52	0 35	8 22	1 54	33 14	9 45	12 16	12 27	21 57		n.a.
W 8	18 56	2n28	1 50	12 54	3 45	18 9	5 42	21 32	0 7	20 38	0 20	16 42	2 1	1 53	0 35	8 21	1 54	33 14	9 45	12 15	12 25	22 0		n.a.
T 9	18 41	8 11	0 48	13 2	3 49	18 17	5 34	21 41	0 8	20 40	0 20	16 39	2 1	1 54	0 35	8 20	1 54	33 14	9 45	12 15	12 24	22 2		n.a.
F 10	18 25	13 30	0n15	13 13	3 50	18 25	5 27	21 50	0 9	20 42	0 20	16 37	2 1	1 55	0 35	8 19	1 54	33 14	9 46	12 15	12 23	22 4		n.a.
S 11	18 9	18 16	1 17	13 26	3 50	18 33	5 19	21 59	0 11	20 44	0 20	16 34	2 1	1 56	0 35	8 19	1 54	33 14	9 46	12 15	12 22	22 7		n.a.
S 12	17 53	22 18	2 16	13 42	3 48	18 41	5 11	22 7	0 12	20 46	0 20	16 32	2 1	1 57	0 35	8 18	1 54	33 14	9 46	12 14	12 21	22 9		n.a.
M13	17 36	25 27	3 8	14 0	3 44	18 48	5 4	22 15	0 13	20 47	0 20	16 29	2 1	1 58	0 35	8 17	1 54	33 14	9 46	12 13	12 20	22 11		n.a.
T 14	17 19	27 30	3 53	14 20	3 39	18 56	4 56	22 23	0 14	20 49	0 20	16 27	2 1	1 59	0 35	8 16	1 54	33 14	9 46	12 11	12 19	22 14		n.a.
W15	17 2	28 16	4 28	14 42	3 31	19 3	4 48	22 31	0 15	20 51	0 20	16 24	2 1	2 0	0 35	8 15	1 54	33 14	9 47	12 8	12 18	22 16		n.a.
T 16	16 45	27 38	4 51	15 4	3 22	19 10	4 40	22 39	0 16	20 53	0 20	16 22	2 1	2 1	0 34	8 15	1 54	33 14	9 47	12 4	12 17	22 18		n.a.
F 17	16 27	25 35	5 1	15 27	3 12	19 17	4 32	22 46	0 17	20 54	0 20	16 19	2 1	2 2	0 34	8 14	1 54	33 14	9 47	12 0	12 15	22 21		n.a.
S 18	16 9	22 11	4 55	15 50	3 0	19 24	4 24	22 54	0 18	20 56	0 19	16 16	2 1	2 3	0 34	8 13	1 54	33 15	9 47	11 56	12 14	22 23		n.a.
S 19	15 51	17 36	4 34	16 13	2 48	19 31	4 17	23 1	0 19	20 58	0 19	16 14	2 1	2 4	0 34	8 12	1 54	33 15	9 47	11 51	12 13	22 25		n.a.
M20	15 33	12 6	3 57	16 36	2 34	19 37	4 9	23 7	0 20	20 59	0 19	16 11	2 1	2 5	0 34	8 11	1 54	33 15	9 48	11 48	12 12	22 28		n.a.
T 21	15 14	5 57	3 6	16 58	2 20	19 43	4 1	23 14	0 22	21 1	0 19	16 9	2 1	2 6	0 34	8 11	1 54	33 15	9 48	11 45	12 11	22 30		n.a.
W22	14 55	0s33	2 4	17 19	2 6	19 48	3 53	23 20	0 23	21 2	0 19	16 6	2 1	2 7	0 34	8 10	1 54	33 15	9 48	11 43	12 10	22 32		n.a.
T 23	14 36	7 6	0 54	17 39	1 51	19 54	3 45	23 26	0 24	21 4	0 19	16 4	2 1	2 8	0 34	8 9	1 54	33 15	9 48	11 43	12 9	22 34		n.a.
F 24	14 16	13 21	0s20	17 58	1 36	19 59	3 38	23 32	0 25	21 5	0 19	16 1	2 1	2 9	0 34	8 8	1 54	33 15	9 48	11 42	12 8	22 37		n.a.
S 25	13 57	18 59	1 34	18 15	1 20	20 3	3 30	23 38	0 26	21 7	0 19	15 59	2 1	2 10	0 34	8 7	1 54	33 15	9 49	11 43	12 6	22 39		n.a.
S 26	13 37	23 35	2 42	18 32	1 6	20 8	3 22	23 43	0 27	21 8	0 19	15 56	2 1	2 12	0 34	8 6	1 54	33 15	9 49	11 42	12 5	22 41		n.a.
M27	13 17	26 47	3 40	18 46	0 51	20 12	3 15	23 49	0 29	21 9	0 19	15 54	2 1	2 13	0 34	8 5	1 54	33 15	9 49	11 42	12 4	22 43		n.a.
T 28	12 57	28 16	4 25	18 59	0 36	20 15	3 7	23 54	0 30	21 11	0 19	15 51	2 1	2 14	0 34	8 5	1 54	33 16	9 49	11 40	12 3	22 46		n.a.
W29	12s36	27s54	4s53	19s11	0n22	20s18	3n 0	23s58	0s31	21s12	0n19	15s48	2s 1	2n15	0s34	8s 4	1s54	33s16	9s50	11n38	12n 2	22n48		n.a.

Julian Day Number = 1202433.5, Delta T = 09h21m09s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'54, Lahiri = -23°33'53 Julian Calendar 1 Feb. 1421 BCE == Greg. Calendar 19 Jan. 1421 BCE

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

MARCH 1421 BCE (-1420) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 45 17	28♒19'46	28♑43	4♒31	13♑ 7	20♐27	5♐ 6	23♒41	6♈55	14♓15	10♑10	29°R45	0♉58	29♉37	n.a.	T 1
F 2	9 49 13	29°18'26	12♒39	4°50	13°58	21°11	5°12	23°48	6°58	14°18	10°11	29♈35	0°55	29°43	n.a.	F 2
S 3	9 53 10	0♓17'04	26°22	5°14	14°49	21°54	5°19	23°56	7° 1	14°20	10°12	29°25	0°51	29°50	n.a.	S 3
S 4	9 57 6	1°15'40	9♓47	5°43	15°42	22°38	5°25	24° 4	7° 4	14°22	10°13	29°16	0°48	29°57	n.a.	S 4
M 5	10 1 3	2°14'14	22°54	6°16	16°34	23°21	5°31	24°12	7° 7	14°24	10°14	29° 9	0°45	0♊ 3	n.a.	M 5
T 6	10 4 59	3°12'46	5♈40	6°53	17°28	24° 5	5°36	24°19	7°10	14°27	10°16	29° 4	0°42	0°10	n.a.	T 6
W 7	10 8 56	4°11'15	18° 9	7°33	18°22	24°48	5°42	24°27	7°13	14°29	10°17	29° 1	0°39	0°17	n.a.	W 7
T 8	10 12 52	5° 9'43	0♉21	8°18	19°16	25°32	5°48	24°35	7°16	14°31	10°18	29°D 1	0°35	0°23	n.a.	T 8
F 9	10 16 49	6° 8'08	12°20	9° 6	20°11	26°15	5°53	24°42	7°19	14°33	10°19	29° 1	0°32	0°30	n.a.	F 9
S 10	10 20 45	7° 6'30	24°12	9°57	21° 7	26°59	5°58	24°50	7°22	14°35	10°20	29° 2	0°29	0°37	n.a.	S 10
S 11	10 24 42	8° 4'51	6♊ 2	10°51	22° 3	27°42	6° 3	24°57	7°25	14°38	10°21	29°R 3	0°26	0°43	n.a.	S 11
M12	10 28 39	9° 3'10	17°54	11°49	22°59	28°26	6° 8	25° 5	7°28	14°40	10°22	29° 3	0°23	0°50	n.a.	M12
T 13	10 32 35	10° 1'26	29°54	12°49	23°56	29° 9	6°12	25°13	7°31	14°42	10°23	29° 0	0°20	0°57	n.a.	T 13
W14	10 36 32	10°59'40	12♋ 6	13°52	24°53	29°52	6°17	25°20	7°34	14°44	10°24	28°56	0°16	1° 3	n.a.	W14
T 15	10 40 28	11°57'52	24°34	14°58	25°51	0♑36	6°21	25°28	7°38	14°47	10°25	28°50	0°13	1°10	n.a.	T 15
F 16	10 44 25	12°56'02	7♌21	16° 6	26°49	1°19	6°25	25°35	7°41	14°49	10°26	28°43	0°10	1°17	n.a.	F 16
S 17	10 48 21	13°54'09	20°29	17°17	27°48	2° 3	6°29	25°43	7°44	14°51	10°27	28°36	0° 7	1°23	n.a.	S 17
S 18	10 52 18	14°52'15	3♍57	18°31	28°47	2°46	6°33	25°50	7°47	14°53	10°28	28°28	0° 4	1°30	n.a.	S 18
M19	10 56 14	15°50'19	17°43	19°46	29°46	3°29	6°37	25°58	7°51	14°56	10°29	28°22	0° 0	1°37	n.a.	M19
T 20	11 0 11	16°48'20	1♎44	21° 4	0♒46	4°12	6°40	26° 5	7°54	14°58	10°30	28°18	29♈57	1°43	n.a.	T 20
W21	11 4 8	17°46'20	15°55	22°24	1°46	4°56	6°43	26°12	7°57	15° 0	10°31	28°15	29°54	1°50	n.a.	W21
T 22	11 8 4	18°44'19	0♏13	23°47	2°46	5°39	6°46	26°20	8° 1	15° 2	10°31	28°D15	29°51	1°57	n.a.	T 22
F 23	11 12 1	19°42'16	14°32	25°11	3°47	6°22	6°49	26°27	8° 4	15° 5	10°32	28°15	29°48	2° 3	n.a.	F 23
S 24	11 15 57	20°40'11	28°51	26°38	4°48	7° 5	6°52	26°34	8° 7	15° 7	10°33	28°17	29°45	2°10	n.a.	S 24
S 25	11 19 54	21°38'06	13♐ 5	28° 6	5°49	7°49	6°54	26°42	8°11	15° 9	10°34	28°18	29°41	2°17	n.a.	S 25
M26	11 23 50	22°35'59	27°14	29°37	6°50	8°32	6°57	26°49	8°14	15°11	10°34	28°R18	29°38	2°23	n.a.	M26
T 27	11 27 47	23°33'50	11♑15	1♓ 9	7°52	9°15	6°59	26°56	8°17	15°14	10°35	28°17	29°35	2°30	n.a.	T 27
W28	11 31 43	24°31'40	25° 7	2°44	8°54	9°58	7° 1	27° 3	8°21	15°16	10°36	28°14	29°32	2°37	n.a.	W28
T 29	11 35 40	25°29'29	8♒49	4°21	9°57	10°41	7° 3	27°10	8°24	15°18	10°37	28°10	29°29	2°43	n.a.	T 29
F 30	11 39 37	26°27'16	22°18	5°59	10°59	11°24	7° 4	27°17	8°28	15°20	10°37	28° 5	29°26	2°50	n.a.	F 30
S 31	11 43 33	27♓25'02	5♓35	7♓40	12♒ 2	12♑ 7	7♐ 6	27♒25	8♈31	15♓23	10♑38	28♈ 0	29♈22	2♊57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12s16	25s44	5s 4	19s20	0n 8	20s21	2n52	24s 3	0s32	21s13	0n19	15s46	2s 1	2n16	0s34	8s 3	1s54	33s16	9s50	11n35	12n 1	22n50			n.a.
F 2	11 55	22 2	4 56	19 29	0s 5	20 23	2 45	24 7	0 33	21 15	0 19	15 43	2 1	2 17	0 34	8 2	1 54	33 16	9 50	11 31	12 0	22 52			n.a.
S 3	11 34	17 11	4 31	19 35	0 18	20 25	2 38	24 11	0 35	21 16	0 18	15 41	2 1	2 19	0 34	8 1	1 54	33 16	9 50	11 28	11 59	22 55			n.a.
S 4	11 13	11 36	3 52	19 40	0 30	20 26	2 31	24 15	0 36	21 17	0 18	15 38	2 1	2 20	0 34	8 0	1 54	33 16	9 51	11 25	11 57	22 57			n.a.
M 5	10 52	5 38	3 1	19 43	0 42	20 27	2 23	24 19	0 37	21 18	0 18	15 36	2 1	2 21	0 34	7 59	1 54	33 16	9 51	11 22	11 56	22 59			n.a.
T 6	10 30	0n26	2 2	19 44	0 53	20 27	2 16	24 22	0 38	21 19	0 18	15 33	2 1	2 22	0 34	7 58	1 54	33 17	9 51	11 20	11 55	23 1			n.a.
W 7	10 9	6 21	0 58	19 44	1 4	20 27	2 9	24 25	0 40	21 20	0 18	15 31	2 1	2 24	0 34	7 58	1 54	33 17	9 51	11 19	11 54	23 4			n.a.
T 8	9 47	11 54	0n 7	19 42	1 14	20 26	2 2	24 28	0 41	21 21	0 18	15 28	2 2	2 25	0 34	7 57	1 54	33 17	9 52	11 19	11 53	23 6			n.a.
F 9	9 25	16 56	1 11	19 38	1 24	20 25	1 56	24 31	0 42	21 22	0 18	15 25	2 2	2 26	0 34	7 56	1 54	33 17	9 52	11 19	11 52	23 8			n.a.
S 10	9 3	21 17	2 11	19 33	1 32	20 23	1 49	24 33	0 43	21 23	0 18	15 23	2 2	2 27	0 34	7 55	1 54	33 17	9 52	11 20	11 51	23 10			n.a.
S 11	8 41	24 45	3 6	19 26	1 41	20 21	1 42	24 35	0 45	21 24	0 18	15 20	2 2	2 29	0 34	7 54	1 54	33 17	9 52	11 20	11 49	23 12			n.a.
M12	8 19	27 10	3 52	19 17	1 48	20 18	1 35	24 37	0 46	21 25	0 18	15 18	2 2	2 30	0 34	7 53	1 54	33 18	9 53	11 20	11 48	23 14			n.a.
T 13	7 57	28 21	4 29	19 6	1 56	20 15	1 29	24 39	0 47	21 26	0 18	15 15	2 2	2 31	0 34	7 52	1 54	33 18	9 53	11 19	11 47	23 17			n.a.
W14	7 34	28 12	4 55	18 54	2 2	20 11	1 22	24 40	0 49	21 27	0 18	15 13	2 2	2 32	0 34	7 51	1 54	33 18	9 53	11 17	11 46	23 19			n.a.
T 15	7 12	26 37	5 7	18 40	2 8	20 6	1 16	24 42	0 50	21 28	0 18	15 10	2 2	2 34	0 34	7 50	1 54	33 18	9 53	11 15	11 45	23 21			n.a.
F 16	6 49	23 39	5 5	18 24	2 13	20 1	1 10	24 43	0 51	21 29	0 17	15 8	2 2	2 35	0 34	7 50	1 54	33 18	9 54	11 13	11 44	23 23			n.a.
S 17	6 26	19 25	4 46	18 7	2 18	19 56	1 4	24 43	0 53	21 29	0 17	15 5	2 2	2 36	0 34	7 49	1 54	33 19	9 54	11 10	11 43	23 25			n.a.
S 18	6 4	14 8	4 12	17 48	2 22	19 50	0 57	24 44	0 54	21 30	0 17	15 3	2 2	2 38	0 34	7 48	1 54	33 19	9 54	11 7	11 42	23 27			n.a.
M19	5 41	8 1	3 22	17 27	2 26	19 43	0 51	24 44	0 55	21 31	0 17	15 0	2 3	2 39	0 34	7 47	1 54	33 19	9 55	11 5	11 40	23 30			n.a.
T 20	5 18	1 25	2 19	17 4	2 29	19 36	0 46	24 44	0 57	21 32	0 17	14 58	2 3	2 40	0 34	7 46	1 54	33 19	9 55	11 3	11 39	23 32			n.a.
W21	4 55	5s21	1 6	16 40	2 31	19 29	0 40	24 44	0 58	21 32	0 17	14 55	2 3	2 42	0 34	7 45	1 54	33 19	9 55	11 2	11 38	23 34			n.a.
T 22	4 32	11 55	0s11	16 14	2 33	19 20	0 34	24 44	0 59	21 33	0 17	14 53	2 3	2 43	0 34	7 44	1 54	33 20	9 55	11 2	11 37	23 36			n.a.
F 23	4 9	17 52	1 27	15 46	2 34	19 12	0 28	24 43	1 1	21 33	0 17	14 51	2 3	2 44	0 34	7 43	1 54	33 20	9 56	11 3	11 36	23 38			n.a.
S 24	3 46	22 50	2 39	15 17	2 35	19 2	0 23	24 42	1 2	21 34	0 17	14 48	2 3	2 46	0 34	7 42	1 54	33 20	9 56	11 3	11 35	23 40			n.a.
S 25	3 22	26 24	3 40	14 45	2 35	18 52	0 17	24 41	1 3	21 34	0 17	14 46	2 3	2 47	0 34	7 42	1 54	33 20	9 56	11 3	11 34	23 42			n.a.
M26	2 59	28 17	4 27	14 13	2 34	18 42	0 12	24 40	1 5	21 35	0 17	14 43	2 3	2 48	0 34	7 41	1 54	33 21	9 57	11 4	11 32	23 44			n.a.
T 27	2 36	28 20	4 58	13 38	2 33	18 31	0 7	24 38	1 6	21 35	0 17	14 41	2 4	2 50	0 34	7 40	1 54	33 21	9 57	11 3	11 31	23 46			n.a.
W28	2 13	26 35	5 11	13 2	2 31	18 20	0 2	24 36	1 8	21 36	0 16	14 38	2 4	2 51	0 34	7 39	1 54	33 21	9 57	11 2	11 30	23 48			n.a.
T 29	1 49	23 17	5 6	12 24	2 29	18 8	0s 4	24 34	1 9	21 36	0 16	14 36	2 4	2 53	0 34	7 38	1 54	33 21	9 57	11 1	11 29	23 51			n.a.
F 30	1 26	18 47	4 44	11 44	2 26	17 55	0 8	24 32	1 11	21 37	0 16	14 34	2 4	2 54	0 34	7 37	1 54	33 21	9 58	10 59	11 28	23 53			n.a.
S 31	1s 3	13s27	4s 8	11s 3	2s23	17s42	0s13	24s30	1s12	21s37	0n16	14s31	2s 4	2n55	0s34	7s36	1s54	33s22	9s58	10n57	11n27	23n55			n.a.

Julian Day Number = 1202462.5, Delta T = 09h21m08s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'50, Lahiri = -23°33'49 Julian Calendar 1 March 1421 BCE == Greg. Calendar 17 Feb. 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

APRIL 1421 BCE (-1420) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 47 30	28♓22'46	18♓37	9♓23	13♒ 5	12♑50	7♐ 7	27♒32	8♈34	15♓25	10♑38	27°R56	29♈19	3♊ 3	n.a.	S 1
M 2	11 51 26	29°20'29	1♈24	11° 7	14° 8	13°33	7° 8	27°39	8°38	15°27	10°39	27♈52	29°16	3°10	n.a.	M 2
T 3	11 55 23	0♈18'10	13°57	12°54	15°12	14°16	7° 9	27°46	8°41	15°29	10°39	27°50	29°13	3°17	n.a.	T 3
W 4	11 59 19	1°15'50	26°15	14°43	16°16	14°58	7°10	27°52	8°45	15°31	10°40	27°D49	29°10	3°23	n.a.	W 4
T 5	12 3 16	2°13'28	8♉22	16°33	17°20	15°41	7°10	27°59	8°48	15°34	10°40	27°50	29° 6	3°30	n.a.	T 5
F 6	12 7 12	3°11'05	20°19	18°26	18°24	16°24	7°10	28° 6	8°52	15°36	10°41	27°51	29° 3	3°37	n.a.	F 6
S 7	12 11 9	4° 8'40	2♊10	20°20	19°28	17° 6	7°R10	28°13	8°55	15°38	10°41	27°53	29° 0	3°43	n.a.	S 7
S 8	12 15 5	5° 6'14	14° 0	22°17	20°32	17°49	7°10	28°20	8°59	15°40	10°42	27°54	28°57	3°50	n.a.	S 8
M 9	12 19 2	6° 3'46	25°52	24°15	21°37	18°32	7°10	28°26	9° 2	15°42	10°42	27°55	28°54	3°57	n.a.	M 9
T 10	12 22 59	7° 1'16	7♋52	26°15	22°42	19°14	7°10	28°33	9° 6	15°44	10°43	27°R56	28°51	4° 3	n.a.	T 10
W11	12 26 55	7°58'45	20° 4	28°17	23°47	19°57	7° 9	28°40	9° 9	15°47	10°43	27°55	28°47	4°10	n.a.	W11
T 12	12 30 52	8°56'12	2♌32	0♈21	24°52	20°39	7° 8	28°46	9°13	15°49	10°43	27°54	28°44	4°17	n.a.	T 12
F 13	12 34 48	9°53'38	15°21	2°26	25°58	21°21	7° 7	28°53	9°16	15°51	10°43	27°52	28°41	4°23	n.a.	F 13
S 14	12 38 45	10°51'02	28°33	4°33	27° 3	22° 3	7° 6	28°59	9°20	15°53	10°44	27°50	28°38	4°30	n.a.	S 14
S 15	12 42 41	11°48'25	12♍ 9	6°41	28° 9	22°46	7° 4	29° 6	9°23	15°55	10°44	27°47	28°35	4°37	n.a.	S 15
M16	12 46 38	12°45'47	26° 7	8°50	29°15	23°28	7° 3	29°12	9°26	15°57	10°44	27°46	28°32	4°43	n.a.	M16
T 17	12 50 34	13°43'07	10♎26	11° 0	0♓21	24°10	7° 1	29°18	9°30	15°59	10°44	27°44	28°28	4°50	n.a.	T 17
W18	12 54 31	14°40'27	25° 0	13°11	1°27	24°52	6°59	29°24	9°33	16° 1	10°45	27°D44	28°25	4°57	n.a.	W18
T 19	12 58 28	15°37'45	9♏44	15°22	2°33	25°34	6°57	29°31	9°37	16° 3	10°45	27°44	28°22	5° 3	n.a.	T 19
F 20	13 2 24	16°35'03	24°29	17°34	3°40	26°16	6°55	29°37	9°40	16° 5	10°45	27°45	28°19	5°10	n.a.	F 20
S 21	13 6 21	17°32'20	9♐10	19°45	4°46	26°58	6°52	29°43	9°44	16° 7	10°45	27°46	28°16	5°17	n.a.	S 21
S 22	13 10 17	18°29'36	23°41	21°57	5°53	27°39	6°49	29°49	9°47	16° 9	10°45	27°46	28°12	5°23	n.a.	S 22
M23	13 14 14	19°26'51	7♑59	24° 7	7° 0	28°21	6°47	29°55	9°51	16°11	10°45	27°47	28° 9	5°30	n.a.	M23
T 24	13 18 10	20°24'06	22° 0	26°17	8° 7	29° 3	6°44	0♓ 1	9°54	16°13	10°R45	27°R47	28° 6	5°37	n.a.	T 24
W25	13 22 7	21°21'21	5♒44	28°26	9°14	29°44	6°40	0° 6	9°58	16°15	10°45	27°47	28° 3	5°43	n.a.	W25
T 26	13 26 3	22°18'35	19°11	0♉33	10°22	0♒26	6°37	0°12	10° 1	16°17	10°45	27°46	28° 0	5°50	n.a.	T 26
F 27	13 30 0	23°15'48	2♓22	2°39	11°29	1° 7	6°33	0°18	10° 4	16°19	10°45	27°46	27°57	5°57	n.a.	F 27
S 28	13 33 57	24°13'00	15°16	4°43	12°36	1°48	6°30	0°24	10° 8	16°21	10°45	27°45	27°53	6° 3	n.a.	S 28
S 29	13 37 53	25°10'12	27°57	6°45	13°44	2°29	6°26	0°29	10°11	16°23	10°45	27°45	27°50	6°10	n.a.	S 29
M30	13 41 50	26♈ 7'24	10♈25	8♉45	14♓52	3♒10	6♐22	0♓35	10♈15	16♓24	10♑44	27♈45	27♈47	6♊17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s39	7s37	3s18	10s20	2s19	17s28	0s18	24s27	1s13	21s37	0n16	14s29	2s 4	2n57	0s34	7s36	1s54	33s22	9s58	10n55	11n26	23n57		n.a.
M 2	0 16	1 34	2 20	9 35	2 14	17 14	0 23	24 24	1 15	21 37	0 16	14 27	2 4	2 58	0 34	7 35	1 54	33 22	9 59	10 54	11 24	23 59		n.a.
T 3	0n 7	4n26	1 15	8 49	2 9	17 0	0 27	24 21	1 16	21 38	0 16	14 24	2 4	3 0	0 34	7 34	1 54	33 22	9 59	10 53	11 23	24 1		n.a.
W 4	0 31	10 11	0 9	8 1	2 4	16 45	0 32	24 18	1 18	21 38	0 16	14 22	2 5	3 1	0 34	7 33	1 54	33 23	9 59	10 53	11 22	24 3		n.a.
T 5	0 54	15 27	0n58	7 12	1 57	16 29	0 36	24 14	1 19	21 38	0 16	14 20	2 5	3 2	0 34	7 32	1 54	33 23	10 0	10 53	11 21	24 5		n.a.
F 6	1 17	20 5	2 1	6 21	1 51	16 13	0 40	24 10	1 21	21 38	0 16	14 18	2 5	3 4	0 33	7 31	1 54	33 23	10 0	10 54	11 20	24 7		n.a.
S 7	1 41	23 52	2 58	5 29	1 44	15 57	0 44	24 6	1 22	21 38	0 16	14 15	2 5	3 5	0 33	7 30	1 54	33 24	10 0	10 54	11 19	24 9		n.a.
S 8	2 4	26 39	3 47	4 35	1 36	15 40	0 48	24 2	1 24	21 38	0 15	14 13	2 5	3 6	0 33	7 30	1 54	33 24	10 1	10 55	11 18	24 11		n.a.
M 9	2 27	28 15	4 28	3 40	1 28	15 22	0 52	23 58	1 25	21 38	0 15	14 11	2 5	3 8	0 33	7 29	1 54	33 24	10 1	10 55	11 16	24 13		n.a.
T 10	2 50	28 33	4 56	2 43	1 19	15 4	0 56	23 53	1 26	21 38	0 15	14 9	2 6	3 9	0 33	7 28	1 54	33 24	10 1	10 55	11 15	24 15		n.a.
W11	3 13	27 29	5 12	1 46	1 10	14 46	1 0	23 48	1 28	21 38	0 15	14 6	2 6	3 11	0 33	7 27	1 54	33 25	10 1	10 55	11 14	24 17		n.a.
T 12	3 36	25 2	5 14	0 47	1 1	14 27	1 3	23 43	1 29	21 38	0 15	14 4	2 6	3 12	0 33	7 26	1 54	33 25	10 2	10 55	11 13	24 19		n.a.
F 13	3 59	21 18	5 1	0n12	0 51	14 8	1 7	23 38	1 31	21 38	0 15	14 2	2 6	3 13	0 33	7 26	1 54	33 25	10 2	10 54	11 12	24 21		n.a.
S 14	4 22	16 25	4 31	1 13	0 41	13 48	1 10	23 32	1 32	21 38	0 15	14 0	2 6	3 15	0 33	7 25	1 54	33 26	10 2	10 53	11 11	24 23		n.a.
S 15	4 45	10 36	3 46	2 14	0 31	13 28	1 13	23 27	1 34	21 38	0 15	13 58	2 6	3 16	0 33	7 24	1 54	33 26	10 3	10 52	11 10	24 25		n.a.
M16	5 8	4 6	2 46	3 15	0 20	13 8	1 17	23 21	1 35	21 38	0 15	13 56	2 7	3 18	0 33	7 23	1 54	33 26	10 3	10 52	11 8	24 27		n.a.
T 17	5 30	2s46	1 34	4 17	0 10	12 47	1 20	23 15	1 37	21 38	0 15	13 54	2 7	3 19	0 33	7 22	1 54	33 26	10 3	10 51	11 7	24 29		n.a.
W18	5 53	9 37	0 15	5 18	0n 1	12 26	1 23	23 9	1 38	21 38	0 14	13 52	2 7	3 20	0 33	7 22	1 54	33 27	10 4	10 51	11 6	24 31		n.a.
T 19	6 15	16 2	1s 6	6 20	0 11	12 4	1 25	23 3	1 40	21 37	0 14	13 50	2 7	3 22	0 33	7 21	1 54	33 27	10 4	10 51	11 5	24 33		n.a.
F 20	6 38	21 32	2 23	7 21	0 22	11 42	1 28	22 56	1 42	21 37	0 14	13 48	2 7	3 23	0 33	7 20	1 54	33 27	10 4	10 51	11 4	24 35		n.a.
S 21	7 0	25 40	3 30	8 21	0 32	11 20	1 31	22 49	1 43	21 37	0 14	13 46	2 8	3 25	0 33	7 19	1 54	33 28	10 5	10 52	11 3	24 37		n.a.
S 22	7 22	28 5	4 23	9 21	0 42	10 57	1 33	22 42	1 45	21 36	0 14	13 44	2 8	3 26	0 33	7 19	1 54	33 28	10 5	10 52	11 1	24 39		n.a.
M23	7 44	28 35	4 58	10 19	0 52	10 34	1 36	22 35	1 46	21 36	0 14	13 42	2 8	3 27	0 33	7 18	1 54	33 28	10 5	10 52	11 0	24 41		n.a.
T 24	8 6	27 13	5 15	11 16	1 1	10 11	1 38	22 28	1 48	21 36	0 14	13 40	2 8	3 29	0 33	7 17	1 55	33 29	10 6	10 52	10 59	24 42		n.a.
W25	8 28	24 14	5 14	12 11	1 10	9 47	1 40	22 21	1 49	21 35	0 14	13 38	2 8	3 30	0 33	7 16	1 55	33 29	10 6	10 52	10 58	24 44		n.a.
T 26	8 50	19 59	4 55	13 5	1 18	9 23	1 42	22 13	1 51	21 35	0 13	13 36	2 9	3 32	0 33	7 16	1 55	33 29	10 6	10 52	10 57	24 46		n.a.
F 27	9 12	14 52	4 21	13 57	1 26	8 59	1 44	22 5	1 52	21 34	0 13	13 34	2 9	3 33	0 33	7 15	1 55	33 30	10 7	10 52	10 56	24 48		n.a.
S 28	9 33	9 11	3 34	14 47	1 34	8 35	1 46	21 57	1 54	21 34	0 13	13 32	2 9	3 34	0 33	7 14	1 55	33 30	10 7	10 52	10 55	24 50		n.a.
S 29	9 54	3 14	2 38	15 35	1 41	8 10	1 48	21 49	1 55	21 33	0 13	13 30	2 9	3 36	0 33	7 13	1 55	33 30	10 7	10 51	10 53	24 52		n.a.
M30	10n16	2n45	1s35	16n21	1n47	7s45	1s50	21s41	1s57	21s32	0n13	13s29	2s10	3n37	0s33	7s13	1s55	33s30	10s 7	10n51	10n52	24n54		n.a.

Julian Day Number = 1202493.5, Delta T = 09h21m06s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'46, Lahiri = -23°33'45 Julian Calendar 1 Apr. 1421 BCE == Greg. Calendar 19 March 1421 BCE

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

MAY 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 45 46	27♈ 4'35	22♈41	10♉43	16♓ 0	3♒51	6°R17	0♓40	10♈18	16♓26	10°R44	27°R45	27♈44	6♊23	n.a.	T 1
W 2	13 49 43	28° 1'45	4♉48	12°39	17° 8	4°32	6♐13	0°45	10°21	16°28	10♑44	27♈45	27°41	6°30	n.a.	W 2
T 3	13 53 39	28°58'55	16°47	14°33	18°16	5°13	6° 8	0°51	10°25	16°30	10°44	27°45	27°37	6°37	n.a.	T 3
F 4	13 57 36	29°56'04	28°40	16°24	19°24	5°54	6° 4	0°56	10°28	16°32	10°44	27°45	27°34	6°43	n.a.	F 4
S 5	14 1 33	0♉53'12	10♊30	18°13	20°32	6°34	5°59	1° 1	10°31	16°33	10°43	27°44	27°31	6°50	n.a.	S 5
S 6	14 5 29	1°50'20	22°19	20° 0	21°40	7°15	5°54	1° 6	10°35	16°35	10°43	27°44	27°28	6°57	n.a.	S 6
M 7	14 9 26	2°47'27	4♋12	21°44	22°49	7°55	5°48	1°11	10°38	16°37	10°43	27°43	27°25	7° 3	n.a.	M 7
T 8	14 13 22	3°44'34	16°11	23°26	23°57	8°35	5°43	1°16	10°41	16°38	10°42	27°43	27°22	7°10	n.a.	T 8
W 9	14 17 19	4°41'40	28°22	25° 5	25° 6	9°15	5°38	1°21	10°45	16°40	10°42	27°42	27°18	7°17	n.a.	W 9
T 10	14 21 15	5°38'45	10♌48	26°42	26°15	9°55	5°32	1°26	10°48	16°42	10°42	27°D42	27°15	7°24	n.a.	T 10
F 11	14 25 12	6°35'50	23°33	28°17	27°23	10°35	5°26	1°30	10°51	16°43	10°41	27°43	27°12	7°30	n.a.	F 11
S 12	14 29 8	7°32'54	6♍42	29°49	28°32	11°15	5°20	1°35	10°54	16°45	10°41	27°43	27° 9	7°37	n.a.	S 12
S 13	14 33 5	8°29'57	20°16	1♎19	29°41	11°54	5°14	1°40	10°57	16°46	10°40	27°44	27° 6	7°44	n.a.	S 13
M14	14 37 2	9°27'00	4♎17	2°46	0♈50	12°34	5° 8	1°44	11° 1	16°48	10°40	27°45	27° 3	7°50	n.a.	M14
T 15	14 40 58	10°24'03	18°42	4°10	1°59	13°13	5° 2	1°48	11° 4	16°49	10°39	27°46	26°59	7°57	n.a.	T 15
W16	14 44 55	11°21'05	3♏28	5°32	3° 9	13°52	4°56	1°53	11° 7	16°51	10°39	27°R46	26°56	8° 4	n.a.	W16
T 17	14 48 51	12°18'08	18°29	6°51	4°18	14°31	4°49	1°57	11°10	16°52	10°38	27°45	26°53	8°10	n.a.	T 17
F 18	14 52 48	13°15'10	3♐35	8° 8	5°27	15°10	4°43	2° 1	11°13	16°54	10°38	27°44	26°50	8°17	n.a.	F 18
S 19	14 56 44	14°12'12	18°38	9°22	6°37	15°49	4°36	2° 5	11°16	16°55	10°37	27°42	26°47	8°24	n.a.	S 19
S 20	15 0 41	15° 9'15	3♑29	10°33	7°46	16°28	4°29	2° 9	11°19	16°57	10°37	27°40	26°43	8°30	n.a.	S 20
M21	15 4 38	16° 6'18	18° 2	11°42	8°56	17° 6	4°22	2°13	11°22	16°58	10°36	27°38	26°40	8°37	n.a.	M21
T 22	15 8 34	17° 3'21	2♒12	12°47	10° 6	17°44	4°15	2°17	11°25	16°59	10°35	27°37	26°37	8°44	n.a.	T 22
W23	15 12 31	18° 0'24	15°58	13°50	11°16	18°22	4° 8	2°20	11°28	17° 1	10°35	27°D36	26°34	8°50	n.a.	W23
T 24	15 16 27	18°57'28	29°20	14°49	12°25	19° 0	4° 1	2°24	11°31	17° 2	10°34	27°36	26°31	8°57	n.a.	T 24
F 25	15 20 24	19°54'32	12♓20	15°45	13°35	19°38	3°54	2°28	11°34	17° 3	10°33	27°37	26°28	9° 4	n.a.	F 25
S 26	15 24 20	20°51'37	25° 2	16°38	14°45	20°16	3°46	2°31	11°37	17° 4	10°32	27°39	26°24	9°10	n.a.	S 26
S 27	15 28 17	21°48'42	7♈27	17°28	15°55	20°53	3°39	2°34	11°40	17° 6	10°32	27°40	26°21	9°17	n.a.	S 27
M28	15 32 13	22°45'48	19°40	18°14	17° 6	21°31	3°32	2°38	11°42	17° 7	10°31	27°42	26°18	9°24	n.a.	M28
T 29	15 36 10	23°42'54	1♉44	18°56	18°16	22° 8	3°24	2°41	11°45	17° 8	10°30	27°R42	26°15	9°30	n.a.	T 29
W30	15 40 7	24°40'00	13°41	19°35	19°26	22°45	3°17	2°44	11°48	17° 9	10°29	27°41	26°12	9°37	n.a.	W30
T 31	15 44 3	25♉37'07	25♉33	20♊10	20♈37	23♒21	3♐ 9	2♓47	11♈51	17♓10	10♑28	27♈38	26♈ 9	9♊44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n37	8n33	0s28	17n 4	1n52	7s19	1s51	21s33	1s59	21s32	0n13	13s27	2s10	3n38	0s33	7s12	1s55	33s31	10s 8	10n51	10n51	24n56			n.a.
W 2	10 58	13 58	0n39	17 46	1 57	6 54	1 53	21 25	2 0	21 31	0 13	13 25	2 10	3 40	0 33	7 11	1 55	33 31	10 8	10 51	10 50	24 58			n.a.
T 3	11 18	18 48	1 44	18 25	2 1	6 28	1 54	21 16	2 2	21 31	0 13	13 23	2 10	3 41	0 33	7 11	1 55	33 31	10 8	10 51	10 49	24 59			n.a.
F 4	11 39	22 52	2 43	19 1	2 4	6 2	1 55	21 7	2 3	21 30	0 12	13 22	2 10	3 42	0 33	7 10	1 55	33 32	10 9	10 51	10 48	25 1			n.a.
S 5	11 59	25 58	3 36	19 35	2 7	5 36	1 56	20 58	2 5	21 29	0 12	13 20	2 11	3 44	0 33	7 9	1 55	33 32	10 9	10 51	10 46	25 3			n.a.
S 6	12 19	27 56	4 19	20 7	2 9	5 9	1 58	20 49	2 6	21 28	0 12	13 18	2 11	3 45	0 33	7 9	1 55	33 32	10 9	10 51	10 45	25 5			n.a.
M 7	12 39	28 38	4 51	20 37	2 10	4 43	1 58	20 40	2 8	21 28	0 12	13 17	2 11	3 46	0 33	7 8	1 55	33 33	10 10	10 51	10 44	25 7			n.a.
T 8	12 59	28 0	5 11	21 4	2 11	4 16	1 59	20 31	2 10	21 27	0 12	13 15	2 11	3 48	0 33	7 8	1 55	33 33	10 10	10 51	10 43	25 9			n.a.
W 9	13 19	26 1	5 17	21 29	2 11	3 49	2 0	20 22	2 11	21 26	0 12	13 14	2 12	3 49	0 33	7 7	1 55	33 33	10 10	10 51	10 42	25 10			n.a.
T 10	13 38	22 46	5 9	21 52	2 10	3 22	2 1	20 12	2 13	21 25	0 12	13 12	2 12	3 50	0 33	7 6	1 55	33 34	10 11	10 51	10 41	25 12			n.a.
F 11	13 57	18 23	4 45	22 13	2 9	2 54	2 1	20 3	2 14	21 24	0 12	13 11	2 12	3 51	0 33	7 6	1 55	33 34	10 11	10 51	10 39	25 14			n.a.
S 12	14 16	13 1	4 7	22 32	2 6	2 27	2 2	19 53	2 16	21 23	0 11	13 9	2 12	3 53	0 33	7 5	1 55	33 34	10 11	10 51	10 38	25 16			n.a.
S 13	14 35	6 52	3 13	22 48	2 4	1 59	2 2	19 43	2 17	21 22	0 11	13 8	2 13	3 54	0 33	7 5	1 55	33 35	10 11	10 51	10 37	25 18			n.a.
M14	14 54	0 12	2 6	23 3	2 0	1 32	2 2	19 33	2 19	21 21	0 11	13 6	2 13	3 55	0 33	7 4	1 55	33 35	10 12	10 52	10 36	25 19			n.a.
T 15	15 12	6s41	0 50	23 15	1 56	1 4	2 3	19 23	2 21	21 20	0 11	13 5	2 13	3 56	0 33	7 4	1 56	33 35	10 12	10 52	10 35	25 21			n.a.
W16	15 30	13 23	0s32	23 26	1 51	0 36	2 3	19 13	2 22	21 19	0 11	13 4	2 13	3 58	0 33	7 3	1 56	33 36	10 12	10 52	10 34	25 23			n.a.
T 17	15 48	19 25	1 52	23 35	1 46	0 8	2 3	19 3	2 24	21 18	0 11	13 2	2 14	3 59	0 33	7 2	1 56	33 36	10 13	10 52	10 32	25 25			n.a.
F 18	16 6	24 16	3 5	23 42	1 40	0n20	2 3	18 53	2 25	21 17	0 11	13 1	2 14	4 0	0 33	7 2	1 56	33 36	10 13	10 51	10 31	25 27			n.a.
S 19	16 23	27 26	4 5	23 47	1 33	0 48	2 2	18 43	2 27	21 16	0 10	13 0	2 14	4 1	0 33	7 1	1 56	33 37	10 13	10 50	10 30	25 28			n.a.
S 20	16 40	28 37	4 48	23 50	1 26	1 16	2 2	18 32	2 29	21 15	0 10	12 59	2 14	4 3	0 34	7 1	1 56	33 37	10 13	10 50	10 29	25 30			n.a.
M21	16 57	27 46	5 11	23 52	1 18	1 44	2 2	18 22	2 30	21 14	0 10	12 58	2 15	4 4	0 34	7 0	1 56	33 37	10 14	10 49	10 28	25 32			n.a.
T 22	17 14	25 7	5 14	23 53	1 10	2 13	2 1	18 11	2 32	21 13	0 10	12 56	2 15	4 5	0 34	7 0	1 56	33 38	10 14	10 48	10 27	25 34			n.a.
W23	17 30	21 5	4 59	23 52	1 0	2 41	2 1	18 1	2 33	21 11	0 10	12 55	2 15	4 6	0 34	7 0	1 56	33 38	10 14	10 48	10 25	25 35			n.a.
T 24	17 46	16 5	4 29	23 49	0 51	3 9	2 0	17 50	2 35	21 10	0 10	12 54	2 15	4 7	0 34	6 59	1 56	33 38	10 14	10 48	10 24	25 37			n.a.
F 25	18 2	10 30	3 44	23 46	0 41	3 37	2 0	17 40	2 37	21 9	0 9	12 53	2 16	4 8	0 34	6 59	1 56	33 39	10 15	10 49	10 23	25 39			n.a.
S 26	18 17	4 36	2 50	23 41	0 30	4 6	1 59	17 29	2 38	21 8	0 9	12 52	2 16	4 9	0 34	6 58	1 56	33 39	10 15	10 49	10 22	25 40			n.a.
S 27	18 32	1n21	1 49	23 34	0 19	4 34	1 58	17 18	2 40	21 6	0 9	12 51	2 16	4 11	0 34	6 58	1 56	33 39	10 15	10 50	10 21	25 42			n.a.
M28	18 47	7 9	0 44	23 27	0 7	5 2	1 57	17 7	2 41	21 5	0 9	12 50	2 17	4 12	0 34	6 57	1 56	33 40	10 16	10 50	10 20	25 44			n.a.
T 29	19 2	12 38	0n22	23 18	0s 5	5 30	1 56	16 57	2 43	21 4	0 9	12 49	2 17	4 13	0 34	6 57	1 56	33 40	10 16	10 50	10 18	25 46			n.a.
W30	19 16	17 36	1 27	23 9	0 18	5 58	1 55	16 46	2 45	21 3	0 9	12 49	2 17	4 14	0 34	6 57	1 56	33 40	10 16	10 50	10 17	25 47			n.a.
T 31	19n30	21n52	2n27	22n59	0s31	6n26	1s54	16s35	2s46	21s 1	0n 8	12s48	2s17	4n15	0s34	6s56	1s57	33s41	10s16	10n49	10n16	25n49			n.a.

Julian Day Number = 1202523.5, Delta T = 09h21m04s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'42, Lahiri = -23°33'41 Julian Calendar 1 May 1421 BCE == Greg. Calendar 18 Apr. 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

JUNE 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 48 0	26♉34'14	7♊23	20♊41	21♈47	23♒58	3°R 2	2♓50	11♈54	17♓11	10°R28	27°R35	26♈ 5	9♊51	n.a.	F 1
S 2	15 51 56	27°31'22	19°12	21° 7	22°58	24°34	2♐54	2°52	11°56	17°12	10♑27	27♈30	26° 2	9°57	n.a.	S 2
S 3	15 55 53	28°28'30	1♋ 3	21°29	24° 8	25°10	2°46	2°55	11°59	17°13	10°26	27°24	25°59	10° 4	n.a.	S 3
M 4	15 59 49	29°25'39	12°58	21°47	25°19	25°46	2°38	2°58	12° 1	17°14	10°25	27°19	25°56	10°11	n.a.	M 4
T 5	16 3 46	0♊22'48	25° 0	22° 0	26°30	26°22	2°31	3° 0	12° 4	17°15	10°24	27°14	25°53	10°17	n.a.	T 5
W 6	16 7 43	1°19'57	7♌11	22° 8	27°40	26°57	2°23	3° 3	12° 7	17°16	10°23	27°10	25°49	10°24	n.a.	W 6
T 7	16 11 39	2°17'06	19°36	22°R12	28°51	27°32	2°15	3° 5	12° 9	17°17	10°22	27° 8	25°46	10°31	n.a.	T 7
F 8	16 15 36	3°14'16	2♍18	22°11	0♉ 2	28° 7	2° 8	3° 7	12°12	17°18	10°21	27°D 7	25°43	10°37	n.a.	F 8
S 9	16 19 32	4°11'26	15°21	22° 4	1°13	28°42	2° 0	3° 9	12°14	17°19	10°20	27° 8	25°40	10°44	n.a.	S 9
S 10	16 23 29	5° 8'37	28°48	21°53	2°24	29°16	1°52	3°11	12°16	17°19	10°19	27° 9	25°37	10°51	n.a.	S 10
M11	16 27 25	6° 5'48	12♎41	21°37	3°35	29°51	1°44	3°13	12°19	17°20	10°18	27°10	25°34	10°57	n.a.	M11
T 12	16 31 22	7° 2'59	27° 1	21°17	4°46	0♓24	1°37	3°15	12°21	17°21	10°17	27°R11	25°30	11° 4	n.a.	T 12
W13	16 35 18	8° 0'12	11♏46	20°52	5°57	0°58	1°29	3°16	12°23	17°22	10°16	27°10	25°27	11°11	n.a.	W13
T 14	16 39 15	8°57'25	26°50	20°22	7° 9	1°32	1°22	3°18	12°26	17°22	10°15	27° 8	25°24	11°17	n.a.	T 14
F 15	16 43 12	9°54'38	12♐ 5	19°49	8°20	2° 5	1°14	3°19	12°28	17°23	10°14	27° 3	25°21	11°24	n.a.	F 15
S 16	16 47 8	10°51'53	27°20	19°12	9°31	2°38	1° 6	3°21	12°30	17°23	10°13	26°57	25°18	11°31	n.a.	S 16
S 17	16 51 5	11°49'09	12♑26	18°33	10°43	3°10	0°59	3°22	12°32	17°24	10°12	26°51	25°15	11°37	n.a.	S 17
M18	16 55 1	12°46'26	27°13	17°51	11°54	3°43	0°52	3°23	12°34	17°25	10°10	26°45	25°11	11°44	n.a.	M18
T 19	16 58 58	13°43'44	11♒35	17° 7	13° 6	4°15	0°44	3°24	12°37	17°25	10° 9	26°40	25° 8	11°51	n.a.	T 19
W20	17 2 54	14°41'03	25°28	16°23	14°18	4°46	0°37	3°25	12°39	17°25	10° 8	26°36	25° 5	11°58	n.a.	W20
T 21	17 6 51	15°38'23	8♓53	15°38	15°29	5°18	0°30	3°26	12°41	17°26	10° 7	26°34	25° 2	12° 4	n.a.	T 21
F 22	17 10 48	16°35'45	21°51	14°54	16°41	5°49	0°22	3°27	12°43	17°26	10° 6	26°D34	24°59	12°11	n.a.	F 22
S 23	17 14 44	17°33'08	4♈27	14°12	17°53	6°20	0°15	3°28	12°44	17°27	10° 5	26°35	24°55	12°18	n.a.	S 23
S 24	17 18 41	18°30'33	16°46	13°32	19° 5	6°50	0° 8	3°28	12°46	17°27	10° 3	26°36	24°52	12°24	n.a.	S 24
M25	17 22 37	19°27'59	28°51	12°55	20°17	7°20	0° 1	3°29	12°48	17°27	10° 2	26°R36	24°49	12°31	n.a.	M25
T 26	17 26 34	20°25'26	10♉47	12°21	21°29	7°50	29♏55	3°29	12°50	17°28	10° 1	26°35	24°46	12°38	n.a.	T 26
W27	17 30 30	21°22'55	22°38	11°53	22°41	8°19	29°48	3°29	12°52	17°28	10° 0	26°32	24°43	12°44	n.a.	W27
T 28	17 34 27	22°20'25	4♊26	11°29	23°53	8°48	29°41	3°29	12°53	17°28	9°59	26°26	24°40	12°51	n.a.	T 28
F 29	17 38 23	23°17'57	16°16	11°11	25° 5	9°17	29°35	3°R29	12°55	17°28	9°57	26°18	24°36	12°58	n.a.	F 29
S 30	17 42 20	24♊15'30	28♊ 8	10♊59	26♉18	9♓45	29♏28	3♓29	12♈57	17♓28	9♑56	26♈ 8	24♈33	13♊ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n44	25n13	3n20	22n47	0s44	6n54	1s53	16s24	2s48	21s 0	0n 8	12s47	2s18	4n16	0s34	6s56	1s57	33s41	10s17	10n48	10n15	25n51		n.a.
S 2	19 57	27 29	4 5	22 35	0 58	7 22	1 51	16 13	2 49	20 59	0 8	12 46	2 18	4 17	0 34	6 56	1 57	33 41	10 17	10 46	10 14	25 52		n.a.
S 3	20 10	28 31	4 40	22 23	1 12	7 49	1 50	16 2	2 51	20 57	0 8	12 45	2 18	4 18	0 34	6 55	1 57	33 42	10 17	10 44	10 13	25 54		n.a.
M 4	20 23	28 14	5 2	22 10	1 27	8 17	1 48	15 51	2 53	20 56	0 8	12 45	2 19	4 19	0 34	6 55	1 57	33 42	10 17	10 42	10 11	25 55		n.a.
T 5	20 35	26 36	5 11	21 56	1 41	8 44	1 47	15 40	2 54	20 54	0 8	12 44	2 19	4 20	0 34	6 55	1 57	33 42	10 17	10 40	10 10	25 57		n.a.
W 6	20 48	23 44	5 7	21 42	1 56	9 12	1 45	15 30	2 56	20 53	0 8	12 43	2 19	4 21	0 34	6 54	1 57	33 43	10 18	10 39	10 9	25 59		n.a.
T 7	20 59	19 45	4 48	21 27	2 11	9 39	1 44	15 19	2 57	20 52	0 7	12 43	2 19	4 22	0 34	6 54	1 57	33 43	10 18	10 38	10 8	26 0		n.a.
F 8	21 11	14 47	4 15	21 12	2 26	10 6	1 42	15 8	2 59	20 50	0 7	12 42	2 20	4 23	0 34	6 54	1 57	33 43	10 18	10 38	10 7	26 2		n.a.
S 9	21 22	9 3	3 28	20 57	2 40	10 32	1 40	14 57	3 1	20 49	0 7	12 42	2 20	4 24	0 34	6 53	1 57	33 43	10 18	10 38	10 6	26 4		n.a.
S 10	21 32	2 45	2 28	20 43	2 54	10 59	1 39	14 46	3 2	20 47	0 7	12 41	2 20	4 25	0 34	6 53	1 57	33 44	10 19	10 38	10 4	26 5		n.a.
M11	21 42	3s54	1 18	20 28	3 8	11 25	1 37	14 35	3 4	20 46	0 7	12 41	2 21	4 26	0 34	6 53	1 57	33 44	10 19	10 39	10 3	26 7		n.a.
T 12	21 52	10 35	0 1	20 13	3 22	11 51	1 35	14 24	3 6	20 45	0 7	12 41	2 21	4 27	0 34	6 53	1 57	33 44	10 19	10 39	10 2	26 8		n.a.
W13	22 2	16 52	1s18	19 59	3 34	12 17	1 33	14 14	3 7	20 43	0 6	12 40	2 21	4 28	0 34	6 52	1 57	33 45	10 19	10 39	10 1	26 10		n.a.
T 14	22 11	22 17	2 34	19 45	3 46	12 43	1 31	14 3	3 9	20 42	0 6	12 40	2 22	4 29	0 34	6 52	1 57	33 45	10 19	10 38	10 0	26 12		n.a.
F 15	22 20	26 15	3 39	19 31	3 57	13 8	1 29	13 52	3 10	20 40	0 6	12 40	2 22	4 30	0 34	6 52	1 58	33 45	10 20	10 36	9 58	26 13		n.a.
S 16	22 28	28 19	4 28	19 19	4 7	13 33	1 27	13 42	3 12	20 39	0 6	12 39	2 22	4 30	0 34	6 52	1 58	33 46	10 20	10 34	9 57	26 15		n.a.
S 17	22 36	28 14	4 59	19 7	4 16	13 58	1 24	13 31	3 13	20 38	0 6	12 39	2 22	4 31	0 34	6 52	1 58	33 46	10 20	10 32	9 56	26 16		n.a.
M18	22 44	26 7	5 8	18 56	4 23	14 23	1 22	13 21	3 15	20 36	0 6	12 39	2 23	4 32	0 34	6 52	1 58	33 46	10 20	10 29	9 55	26 18		n.a.
T 19	22 51	22 22	4 58	18 46	4 28	14 47	1 20	13 10	3 17	20 35	0 5	12 39	2 23	4 33	0 34	6 51	1 58	33 46	10 20	10 27	9 54	26 19		n.a.
W20	22 58	17 29	4 30	18 38	4 32	15 11	1 18	13 0	3 18	20 33	0 5	12 39	2 23	4 34	0 34	6 51	1 58	33 47	10 21	10 26	9 53	26 21		n.a.
T 21	23 4	11 54	3 49	18 31	4 35	15 34	1 15	12 49	3 20	20 32	0 5	12 39	2 24	4 34	0 34	6 51	1 58	33 47	10 21	10 26	9 51	26 22		n.a.
F 22	23 11	5 58	2 56	18 26	4 35	15 57	1 13	12 39	3 21	20 31	0 5	12 39	2 24	4 35	0 34	6 51	1 58	33 47	10 21	10 26	9 50	26 24		n.a.
S 23	23 16	0n 2	1 56	18 22	4 34	16 20	1 10	12 29	3 23	20 29	0 5	12 39	2 24	4 36	0 34	6 51	1 58	33 47	10 21	10 26	9 49	26 25		n.a.
S 24	23 21	5 53	0 53	18 20	4 31	16 43	1 8	12 19	3 25	20 28	0 4	12 39	2 25	4 37	0 34	6 51	1 58	33 48	10 21	10 26	9 48	26 27		n.a.
M25	23 26	11 27	0n12	18 20	4 27	17 5	1 5	12 9	3 26	20 27	0 4	12 39	2 25	4 37	0 34	6 51	1 58	33 48	10 21	10 26	9 47	26 28		n.a.
T 26	23 31	16 31	1 15	18 22	4 21	17 27	1 3	11 59	3 28	20 25	0 4	12 39	2 25	4 38	0 34	6 51	1 58	33 48	10 21	10 26	9 45	26 30		n.a.
W27	23 35	20 55	2 15	18 26	4 13	17 48	1 0	11 49	3 29	20 24	0 4	12 39	2 25	4 39	0 34	6 51	1 58	33 48	10 22	10 25	9 44	26 31		n.a.
T 28	23 38	24 29	3 8	18 32	4 4	18 9	0 58	11 39	3 31	20 23	0 4	12 40	2 26	4 39	0 34	6 51	1 58	33 49	10 22	10 23	9 43	26 33		n.a.
F 29	23 41	27 1	3 53	18 40	3 53	18 29	0 55	11 30	3 32	20 22	0 4	12 40	2 26	4 40	0 34	6 51	1 59	33 49	10 22	10 20	9 42	26 34		n.a.
S 30	23n44	28n20	4n29	18n50	3s42	18n49	0s53	11s20	3s34	20s20	0n 3	12s40	2s26	4n41	0s34	6s51	1s59	33s49	10s22	10n16	9n41	26n36		n.a.

Julian Day Number = 1202554.5, Delta T = 09h21m03s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'37, Lahiri = -23°33'37 Julian Calendar 1 June 1421 BCE == Greg. Calendar 19 May 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

JULY 1421 BCE (-1420) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 46 17	25♊13'04	10♋ 4	10°D54	27♉30	10♓13	29°R22	3°R29	12♈58	17♓28	9°R55	25°R57	24♈30	13♊11	n.a.	S 1
M 2	17 50 13	26°10'40	22° 5	10♊55	28°42	10°40	29♏16	3♓29	13° 0	17°29	9♑53	25♈46	24°27	13°18	n.a.	M 2
T 3	17 54 10	27° 8'17	4♌14	11° 3	29°55	11° 7	29°10	3°28	13° 1	17°29	9°52	25°36	24°24	13°25	n.a.	T 3
W 4	17 58 6	28° 5'55	16°32	11°18	1♊ 7	11°34	29° 4	3°28	13° 3	17°R29	9°51	25°27	24°21	13°31	n.a.	W 4
T 5	18 2 3	29° 3'34	29° 1	11°41	2°20	12° 0	28°58	3°27	13° 4	17°29	9°50	25°21	24°17	13°38	n.a.	T 5
F 6	18 5 59	0♋ 1'15	11♍44	12°10	3°32	12°26	28°53	3°26	13° 5	17°28	9°48	25°17	24°14	13°45	n.a.	F 6
S 7	18 9 56	0°58'56	24°44	12°47	4°45	12°51	28°47	3°25	13° 7	17°28	9°47	25°16	24°11	13°51	n.a.	S 7
S 8	18 13 52	1°56'39	8♎ 5	13°31	5°58	13°16	28°42	3°24	13° 8	17°28	9°46	25°D16	24° 8	13°58	n.a.	S 8
M 9	18 17 49	2°54'24	21°48	14°21	7°10	13°40	28°37	3°23	13° 9	17°28	9°44	25°R16	24° 5	14° 5	n.a.	M 9
T 10	18 21 46	3°52'09	5♏56	15°19	8°23	14° 4	28°32	3°22	13°10	17°28	9°43	25°16	24° 1	14°11	n.a.	T 10
W11	18 25 42	4°49'56	20°28	16°23	9°36	14°27	28°27	3°21	13°11	17°28	9°42	25°14	23°58	14°18	n.a.	W11
T 12	18 29 39	5°47'44	5♐22	17°33	10°49	14°50	28°22	3°20	13°12	17°27	9°41	25° 9	23°55	14°25	n.a.	T 12
F 13	18 33 35	6°45'34	20°29	18°49	12° 2	15°12	28°17	3°18	13°13	17°27	9°39	25° 2	23°52	14°31	n.a.	F 13
S 14	18 37 32	7°43'26	5♑42	20°10	13°15	15°34	28°13	3°17	13°14	17°27	9°38	24°53	23°49	14°38	n.a.	S 14
S 15	18 41 28	8°41'19	20°50	21°37	14°28	15°56	28° 9	3°15	13°15	17°26	9°37	24°42	23°46	14°45	n.a.	S 15
M16	18 45 25	9°39'14	5♒41	23° 9	15°41	16°16	28° 5	3°13	13°16	17°26	9°35	24°32	23°42	14°52	n.a.	M16
T 17	18 49 22	10°37'11	20°10	24°45	16°54	16°36	28° 1	3°11	13°17	17°26	9°34	24°23	23°39	14°58	n.a.	T 17
W18	18 53 18	11°35'10	4♓ 9	26°26	18° 8	16°56	27°57	3° 9	13°18	17°25	9°33	24°16	23°36	15° 5	n.a.	W18
T 19	18 57 15	12°33'10	17°39	28° 9	19°21	17°15	27°53	3° 7	13°18	17°25	9°31	24°12	23°33	15°12	n.a.	T 19
F 20	19 1 11	13°31'13	0♈41	29°56	20°34	17°34	27°50	3° 5	13°19	17°24	9°30	24°10	23°30	15°18	n.a.	F 20
S 21	19 5 8	14°29'18	13°18	1♋45	21°48	17°51	27°47	3° 3	13°20	17°24	9°29	24°D 9	23°27	15°25	n.a.	S 21
S 22	19 9 4	15°27'25	25°36	3°37	23° 1	18° 9	27°44	3° 1	13°20	17°23	9°27	24°R 9	23°23	15°32	n.a.	S 22
M23	19 13 1	16°25'34	7♉39	5°30	24°15	18°25	27°41	2°58	13°21	17°22	9°26	24° 9	23°20	15°38	n.a.	M23
T 24	19 16 57	17°23'45	19°33	7°25	25°28	18°41	27°38	2°56	13°21	17°22	9°25	24° 7	23°17	15°45	n.a.	T 24
W25	19 20 54	18°21'58	1♊22	9°20	26°42	18°56	27°36	2°53	13°22	17°21	9°24	24° 2	23°14	15°52	n.a.	W25
T 26	19 24 50	19°20'14	13°11	11°16	27°55	19°11	27°33	2°50	13°22	17°20	9°22	23°55	23°11	15°59	n.a.	T 26
F 27	19 28 47	20°18'32	25° 2	13°13	29° 9	19°25	27°31	2°47	13°22	17°20	9°21	23°44	23° 7	16° 5	n.a.	F 27
S 28	19 32 44	21°16'51	6♋59	15° 9	0♋23	19°38	27°29	2°44	13°22	17°19	9°20	23°32	23° 4	16°12	n.a.	S 28
S 29	19 36 40	22°15'13	19° 3	17° 5	1°37	19°50	27°28	2°41	13°23	17°18	9°18	23°18	23° 1	16°19	n.a.	S 29
M30	19 40 37	23°13'37	1♌16	19° 1	2°51	20° 2	27°26	2°38	13°23	17°17	9°17	23° 4	22°58	16°25	n.a.	M30
T 31	19 44 33	24♋12'02	13♌37	20♋57	4♋ 5	20♓13	27♏25	2♓35	13♈23	17♓17	9♑16	22♈51	22♈55	16♊32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	28n20	4n52	19n 2	3s29	19n 8	0s50	11s11	3s35	20s19	0n 3	12s41	2s27	4n41	0s34	6s51	1s59	33s49	10s22	10n12	9n40	26n37		n.a.
M 2	23 48	27 0	5 3	19 15	3 15	19 27	0 47	11 2	3 37	20 18	0 3	12 41	2 27	4 42	0 34	6 51	1 59	33 50	10 22	10 8	9 38	26 39		n.a.
T 3	23 50	24 23	5 0	19 31	3 1	19 46	0 45	10 53	3 39	20 17	0 3	12 41	2 27	4 42	0 34	6 51	1 59	33 50	10 22	10 4	9 37	26 40		n.a.
W 4	23 51	20 39	4 43	19 47	2 46	20 4	0 42	10 44	3 40	20 16	0 3	12 42	2 28	4 43	0 34	6 51	1 59	33 50	10 23	10 1	9 36	26 42		n.a.
T 5	23 52	15 58	4 13	20 6	2 31	20 21	0 39	10 35	3 42	20 14	0 3	12 42	2 28	4 43	0 34	6 51	1 59	33 50	10 23	9 58	9 35	26 43		n.a.
F 6	23 52	10 30	3 30	20 25	2 15	20 38	0 37	10 26	3 43	20 13	0 2	12 43	2 28	4 44	0 34	6 51	1 59	33 50	10 23	9 57	9 34	26 44		n.a.
S 7	23 52	4 29	2 35	20 46	1 59	20 55	0 34	10 18	3 45	20 12	0 2	12 44	2 28	4 44	0 34	6 51	1 59	33 51	10 23	9 57	9 32	26 46		n.a.
S 8	23 51	1s53	1 30	21 7	1 43	21 10	0 31	10 10	3 46	20 11	0 2	12 44	2 29	4 45	0 34	6 51	1 59	33 51	10 23	9 57	9 31	26 47		n.a.
M 9	23 50	8 21	0 18	21 29	1 28	21 26	0 28	10 1	3 48	20 10	0 2	12 45	2 29	4 45	0 34	6 52	1 59	33 51	10 23	9 57	9 30	26 49		n.a.
T 10	23 48	14 37	0s56	21 51	1 12	21 40	0 26	9 53	3 49	20 9	0 2	12 46	2 29	4 46	0 34	6 52	1 59	33 51	10 23	9 57	9 29	26 50		n.a.
W11	23 46	20 16	2 10	22 13	0 56	21 54	0 23	9 46	3 51	20 8	0 2	12 46	2 30	4 46	0 34	6 52	1 59	33 51	10 23	9 56	9 28	26 51		n.a.
T 12	23 44	24 47	3 16	22 35	0 41	22 8	0 20	9 38	3 52	20 7	0 1	12 47	2 30	4 47	0 34	6 52	1 59	33 52	10 23	9 54	9 26	26 53		n.a.
F 13	23 41	27 39	4 9	22 57	0 27	22 21	0 17	9 30	3 54	20 7	0 1	12 48	2 30	4 47	0 34	6 52	1 59	33 52	10 23	9 51	9 25	26 54		n.a.
S 14	23 38	28 29	4 45	23 17	0 12	22 33	0 15	9 23	3 55	20 6	0 1	12 49	2 30	4 47	0 34	6 52	2 0	33 52	10 23	9 48	9 24	26 56		n.a.
S 15	23 34	27 10	5 1	23 37	0n 1	22 45	0 12	9 16	3 56	20 5	0 1	12 50	2 31	4 48	0 34	6 53	2 0	33 52	10 23	9 44	9 23	26 57		n.a.
M16	23 30	23 57	4 56	23 55	0 14	22 56	0 9	9 9	3 58	20 4	0 1	12 51	2 31	4 48	0 35	6 53	2 0	33 52	10 24	9 40	9 22	26 58		n.a.
T 17	23 26	19 18	4 32	24 12	0 26	23 6	0 6	9 2	3 59	20 3	0 1	12 51	2 31	4 48	0 35	6 53	2 0	33 52	10 24	9 37	9 20	27 0		n.a.
W18	23 21	13 45	3 52	24 26	0 38	23 16	0 4	8 56	4 1	20 3	0 1	12 52	2 32	4 49	0 35	6 53	2 0	33 53	10 24	9 34	9 19	27 1		n.a.
T 19	23 16	7 43	3 0	24 39	0 48	23 25	0 1	8 49	4 2	20 2	0 0	12 53	2 32	4 49	0 35	6 54	2 0	33 53	10 24	9 33	9 18	27 2		n.a.
F 20	23 10	1 34	2 1	24 50	0 58	23 33	0n 2	8 43	4 3	20 1	0 0	12 54	2 32	4 49	0 35	6 54	2 0	33 53	10 24	9 32	9 17	27 4		n.a.
S 21	23 4	4n28	0 57	24 58	1 7	23 41	0 4	8 37	4 5	20 1	0 0	12 56	2 32	4 49	0 35	6 54	2 0	33 53	10 24	9 32	9 16	27 5		n.a.
S 22	22 57	10 11	0n 8	25 3	1 15	23 48	0 7	8 32	4 6	20 0	0s 0	12 57	2 33	4 49	0 35	6 54	2 0	33 53	10 24	9 32	9 15	27 6		n.a.
M23	22 50	15 25	1 11	25 6	1 22	23 54	0 10	8 26	4 7	20 0	0 0	12 58	2 33	4 50	0 35	6 55	2 0	33 53	10 24	9 32	9 13	27 8		n.a.
T 24	22 43	20 1	2 10	25 7	1 28	23 59	0 12	8 21	4 9	19 59	0 0	12 59	2 33	4 50	0 35	6 55	2 0	33 53	10 24	9 31	9 12	27 9		n.a.
W25	22 35	23 47	3 3	25 5	1 33	24 4	0 15	8 16	4 10	19 59	0 1	13 0	2 33	4 50	0 35	6 55	2 0	33 54	10 24	9 29	9 11	27 10		n.a.
T 26	22 27	26 33	3 48	25 0	1 38	24 8	0 17	8 12	4 11	19 59	0 1	13 1	2 34	4 50	0 35	6 56	2 0	33 54	10 24	9 26	9 10	27 11		n.a.
F 27	22 18	28 9	4 23	24 52	1 41	24 12	0 20	8 7	4 13	19 58	0 1	13 3	2 34	4 50	0 35	6 56	2 0	33 54	10 24	9 22	9 9	27 13		n.a.
S 28	22 9	28 27	4 47	24 43	1 44	24 14	0 22	8 3	4 14	19 58	0 1	13 4	2 34	4 50	0 35	6 56	2 0	33 54	10 24	9 18	9 7	27 14		n.a.
S 29	21 59	27 24	4 59	24 30	1 46	24 16	0 25	7 59	4 15	19 58	0 1	13 5	2 34	4 50	0 35	6 57	2 1	33 54	10 24	9 13	9 6	27 15		n.a.
M30	21 50	25 3	4 56	24 16	1 48	24 17	0 27	7 56	4 16	19 57	0 1	13 7	2 35	4 50	0 35	6 57	2 1	33 54	10 24	9 7	9 5	27 16		n.a.
T 31	21n39	21n30	4n40	23n59	1n48	24n18	0n30	7s52	4s17	19s57	0s 1	13s 8	2s35	4n50	0s35	6s57	2s 1	33s54	10s24	9n 2	9n 4	27n18		n.a.

Julian Day Number = 1202584.5, Delta T = 09h21m01s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'33, Lahiri = -23°33'33 Julian Calendar 1 July 1421 BCE == Greg. Calendar 18 June 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

AUGUST 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 48 30	25♋10'30	26♌ 8	22♋52	5♋19	20♓23	27°R24	2°R32	13°R23	17°R16	9°R15	22°R40	22♈52	16♊39	n.a.	W 1
T 2	19 52 26	26° 8'59	8♍49	24°46	6°33	20°32	27♏23	2♓29	13♈23	17♓15	9♑13	22♈32	22°48	16°45	n.a.	T 2
F 3	19 56 23	27° 7'31	21°42	26°39	7°47	20°41	27°22	2°25	13°23	17°14	9°12	22°26	22°45	16°52	n.a.	F 3
S 4	20 0 19	28° 6'04	4♎48	28°32	9° 1	20°49	27°21	2°22	13°23	17°13	9°11	22°24	22°42	16°59	n.a.	S 4
S 5	20 4 16	29° 4'38	18° 9	0♌23	10°15	20°56	27°21	2°18	13°23	17°12	9°10	22°23	22°39	17° 5	n.a.	S 5
M 6	20 8 13	0♌ 3'15	1♏47	2°14	11°29	21° 2	27°D21	2°15	13°22	17°11	9° 8	22°23	22°36	17°12	n.a.	M 6
T 7	20 12 9	1° 1'54	15°45	4° 3	12°43	21° 7	27°21	2°11	13°22	17°10	9° 7	22°22	22°32	17°19	n.a.	T 7
W 8	20 16 6	2° 0'34	0♐ 2	5°52	13°57	21°12	27°21	2° 7	13°22	17° 9	9° 6	22°20	22°29	17°26	n.a.	W 8
T 9	20 20 2	2°59'16	14°36	7°39	15°12	21°16	27°21	2° 3	13°21	17° 8	9° 5	22°15	22°26	17°32	n.a.	T 9
F 10	20 23 59	3°58'00	29°24	9°26	16°26	21°18	27°22	1°59	13°21	17° 7	9° 4	22° 8	22°23	17°39	n.a.	F 10
S 11	20 27 55	4°56'47	14♑19	11°11	17°40	21°20	27°23	1°55	13°21	17° 5	9° 2	21°58	22°20	17°46	n.a.	S 11
S 12	20 31 52	5°55'35	29°12	12°56	18°55	21°22	27°24	1°51	13°20	17° 4	9° 1	21°47	22°17	17°52	n.a.	S 12
M13	20 35 48	6°54'25	13♒54	14°39	20° 9	21°R22	27°25	1°47	13°20	17° 3	9° 0	21°36	22°13	17°59	n.a.	M13
T 14	20 39 45	7°53'17	28°17	16°22	21°24	21°21	27°26	1°43	13°19	17° 2	8°59	21°27	22°10	18° 6	n.a.	T 14
W15	20 43 42	8°52'12	12♓15	18° 3	22°38	21°20	27°28	1°39	13°18	17° 1	8°58	21°19	22° 7	18°12	n.a.	W15
T 16	20 47 38	9°51'08	25°47	19°44	23°53	21°17	27°30	1°35	13°18	16°59	8°57	21°14	22° 4	18°19	n.a.	T 16
F 17	20 51 35	10°50'08	8♈52	21°23	25° 8	21°14	27°32	1°30	13°17	16°58	8°56	21°12	22° 1	18°26	n.a.	F 17
S 18	20 55 31	11°49'09	21°32	23° 2	26°22	21°10	27°34	1°26	13°16	16°57	8°55	21°D11	21°58	18°33	n.a.	S 18
S 19	20 59 28	12°48'13	3♉52	24°40	27°37	21° 5	27°36	1°22	13°15	16°56	8°54	21°11	21°54	18°39	n.a.	S 19
M20	21 3 24	13°47'20	15°57	26°17	28°52	20°59	27°38	1°17	13°14	16°54	8°53	21°R11	21°51	18°46	n.a.	M20
T 21	21 7 21	14°46'29	27°52	27°53	0♌ 6	20°52	27°41	1°13	13°13	16°53	8°52	21°11	21°48	18°53	n.a.	T 21
W22	21 11 17	15°45'41	9♊42	29°28	1°21	20°44	27°44	1° 8	13°12	16°51	8°51	21° 8	21°45	18°59	n.a.	W22
T 23	21 15 14	16°44'55	21°32	1♍ 2	2°36	20°36	27°47	1° 3	13°11	16°50	8°50	21° 2	21°42	19° 6	n.a.	T 23
F 24	21 19 10	17°44'11	3♋27	2°36	3°51	20°26	27°50	0°59	13°10	16°49	8°49	20°54	21°38	19°13	n.a.	F 24
S 25	21 23 7	18°43'30	15°30	4° 9	5° 6	20°16	27°54	0°54	13° 9	16°47	8°48	20°45	21°35	19°20	n.a.	S 25
S 26	21 27 4	19°42'51	27°42	5°41	6°21	20° 5	27°57	0°49	13° 8	16°46	8°47	20°33	21°32	19°26	n.a.	S 26
M27	21 31 0	20°42'15	10♌ 7	7°12	7°36	19°53	28° 1	0°45	13° 7	16°44	8°46	20°22	21°29	19°33	n.a.	M27
T 28	21 34 57	21°41'40	22°44	8°42	8°51	19°40	28° 5	0°40	13° 5	16°43	8°45	20°11	21°26	19°40	n.a.	T 28
W29	21 38 53	22°41'08	5♍33	10°11	10° 6	19°26	28° 9	0°35	13° 4	16°41	8°44	20° 2	21°23	19°46	n.a.	W29
T 30	21 42 50	23°40'38	18°33	11°40	11°21	19°12	28°14	0°30	13° 3	16°40	8°43	19°55	21°19	19°53	n.a.	T 30
F 31	21 46 46	24♌40'10	1♎45	13♍ 8	12♌36	18♓57	28♏18	0♓26	13♈ 1	16♓38	8♑42	19♈51	21♈16	20♊ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n29	16n57	4n11	23n40	1n48	24n17	0n32	7s49	4s18	19s57	0s 2	13s 9	2s35	4n50	0s35	6s58	2s 1	33s54	10s24	8n58	9n 3	27n19			n.a.
T 2	21 18	11 37	3 28	23 19	1 48	24 16	0 35	7 46	4 19	19 57	0 2	13 11	2 35	4 50	0 35	6 58	2 1	33 54	10 24	8 55	9 1	27 20			n.a.
F 3	21 6	5 42	2 34	22 57	1 47	24 15	0 37	7 44	4 20	19 57	0 2	13 12	2 35	4 50	0 35	6 59	2 1	33 54	10 24	8 53	9 0	27 21			n.a.
S 4	20 55	0s32	1 32	22 32	1 45	24 12	0 39	7 42	4 21	19 57	0 2	13 14	2 36	4 50	0 35	6 59	2 1	33 54	10 24	8 52	8 59	27 22			n.a.
S 5	20 42	6 54	0 22	22 6	1 43	24 9	0 41	7 40	4 22	19 57	0 2	13 15	2 36	4 50	0 35	7 0	2 1	33 54	10 24	8 52	8 58	27 24			n.a.
M 6	20 30	13 5	0s50	21 39	1 41	24 5	0 44	7 38	4 23	19 57	0 2	13 17	2 36	4 50	0 35	7 0	2 1	33 54	10 24	8 52	8 57	27 25			n.a.
T 7	20 17	18 46	2 0	21 10	1 38	24 0	0 46	7 37	4 24	19 57	0 2	13 18	2 36	4 50	0 35	7 1	2 1	33 55	10 24	8 51	8 55	27 26			n.a.
W 8	20 4	23 31	3 5	20 40	1 34	23 55	0 48	7 36	4 25	19 58	0 3	13 20	2 37	4 50	0 35	7 1	2 1	33 55	10 24	8 51	8 54	27 27			n.a.
T 9	19 50	26 55	3 59	20 8	1 31	23 48	0 50	7 35	4 26	19 58	0 3	13 22	2 37	4 50	0 35	7 1	2 1	33 55	10 23	8 49	8 53	27 28			n.a.
F 10	19 36	28 30	4 38	19 36	1 26	23 41	0 52	7 34	4 27	19 58	0 3	13 23	2 37	4 49	0 35	7 2	2 1	33 55	10 23	8 46	8 52	27 30			n.a.
S 11	19 22	28 1	4 58	19 2	1 22	23 34	0 54	7 34	4 27	19 58	0 3	13 25	2 37	4 49	0 35	7 2	2 1	33 55	10 23	8 42	8 51	27 31			n.a.
S 12	19 7	25 32	4 58	18 28	1 17	23 25	0 56	7 34	4 28	19 59	0 3	13 27	2 37	4 49	0 35	7 3	2 1	33 55	10 23	8 38	8 49	27 32			n.a.
M13	18 52	21 23	4 39	17 52	1 12	23 16	0 58	7 35	4 28	19 59	0 3	13 28	2 37	4 49	0 35	7 3	2 1	33 55	10 23	8 34	8 48	27 33			n.a.
T 14	18 37	16 3	4 2	17 16	1 7	23 6	0 59	7 35	4 29	20 0	0 3	13 30	2 38	4 48	0 35	7 4	2 1	33 55	10 23	8 30	8 47	27 34			n.a.
W15	18 22	10 1	3 11	16 40	1 1	22 56	1 1	7 36	4 29	20 0	0 4	13 32	2 38	4 48	0 35	7 5	2 1	33 55	10 23	8 27	8 46	27 35			n.a.
T 16	18 6	3 42	2 10	16 2	0 56	22 45	1 3	7 38	4 30	20 1	0 4	13 33	2 38	4 48	0 35	7 5	2 2	33 55	10 23	8 26	8 45	27 36			n.a.
F 17	17 49	2n35	1 5	15 24	0 50	22 33	1 5	7 39	4 30	20 1	0 4	13 35	2 38	4 48	0 35	7 6	2 2	33 55	10 23	8 25	8 43	27 37			n.a.
S 18	17 33	8 34	0n 2	14 46	0 44	22 20	1 6	7 41	4 30	20 2	0 4	13 37	2 38	4 47	0 35	7 6	2 2	33 55	10 23	8 24	8 42	27 38			n.a.
S 19	17 16	14 5	1 7	14 7	0 37	22 7	1 8	7 43	4 30	20 2	0 4	13 38	2 38	4 47	0 35	7 7	2 2	33 55	10 23	8 24	8 41	27 40			n.a.
M20	16 59	18 56	2 8	13 28	0 31	21 53	1 9	7 46	4 30	20 3	0 4	13 40	2 39	4 47	0 35	7 7	2 2	33 55	10 23	8 25	8 40	27 41			n.a.
T 21	16 41	22 59	3 2	12 48	0 24	21 38	1 11	7 48	4 30	20 4	0 4	13 42	2 39	4 46	0 35	7 8	2 2	33 55	10 22	8 24	8 38	27 42			n.a.
W22	16 24	26 3	3 48	12 8	0 18	21 23	1 12	7 51	4 30	20 5	0 4	13 44	2 39	4 46	0 35	7 8	2 2	33 55	10 22	8 23	8 37	27 43			n.a.
T 23	16 6	27 59	4 24	11 28	0 11	21 7	1 13	7 55	4 30	20 5	0 5	13 46	2 39	4 45	0 35	7 9	2 2	33 55	10 22	8 21	8 36	27 44			n.a.
F 24	15 47	28 38	4 49	10 47	0 4	20 50	1 15	7 58	4 30	20 6	0 5	13 47	2 39	4 45	0 35	7 10	2 2	33 54	10 22	8 18	8 35	27 45			n.a.
S 25	15 29	27 57	5 2	10 7	0s 3	20 33	1 16	8 2	4 29	20 7	0 5	13 49	2 39	4 44	0 35	7 10	2 2	33 54	10 22	8 14	8 34	27 46			n.a.
S 26	15 10	25 54	5 1	9 26	0 10	20 15	1 17	8 6	4 29	20 8	0 5	13 51	2 39	4 44	0 35	7 11	2 2	33 54	10 22	8 10	8 32	27 47			n.a.
M27	14 51	22 36	4 46	8 45	0 17	19 57	1 18	8 10	4 28	20 9	0 5	13 53	2 39	4 43	0 35	7 11	2 2	33 54	10 22	8 6	8 31	27 48			n.a.
T 28	14 31	18 12	4 16	8 4	0 24	19 38	1 19	8 15	4 27	20 10	0 5	13 55	2 39	4 43	0 35	7 12	2 2	33 54	10 22	8 1	8 30	27 49			n.a.
W29	14 12	12 57	3 34	7 24	0 32	19 18	1 20	8 19	4 26	20 11	0 5	13 56	2 40	4 42	0 35	7 13	2 2	33 54	10 21	7 58	8 29	27 50			n.a.
T 30	13 52	7 2	2 39	6 43	0 39	18 58	1 21	8 24	4 26	20 12	0 5	13 58	2 40	4 42	0 35	7 13	2 2	33 54	10 21	7 55	8 28	27 51			n.a.
F 31	13n32	0n45	1n35	6n 2	0s46	18n38	1n22	8s29	4s25	20s14	0s 6	14s 0	2s40	4n41	0s36	7s14	2s 2	33s54	10s21	7n54	8n26	27n52			n.a.

Julian Day Number = 1202615.5, Delta T = 09h20m59s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'29, Lahiri = -23°33'29 Julian Calendar 1 Aug. 1421 BCE == Greg. Calendar 19 July 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

SEPTEMBER 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 50 43	25♌39'44	15♎ 8	14♍35	13♌51	18°R41	28♏23	0°R21	13°R 0	16°R37	8°R42	19°D50	21♈13	20♊ 6	n.a.	S 1
S 2	21 54 39	26°39'20	28°42	16° 1	15° 6	18♓25	28°28	0♓16	12♈58	16♓35	8♑41	19♈50	21°10	20°13	n.a.	S 2
M 3	21 58 36	27°38'58	12♏27	17°26	16°21	18° 7	28°33	0°11	12°57	16°34	8°40	19°51	21° 7	20°20	n.a.	M 3
T 4	22 2 32	28°38'37	26°23	18°50	17°37	17°50	28°38	0° 6	12°55	16°32	8°39	19°R52	21° 4	20°27	n.a.	T 4
W 5	22 6 29	29°38'19	10♐31	20°14	18°52	17°32	28°43	0° 2	12°54	16°30	8°38	19°51	21° 0	20°33	n.a.	W 5
T 6	22 10 26	0♍38'03	24°48	21°36	20° 7	17°13	28°49	29♒57	12°52	16°29	8°38	19°49	20°57	20°40	n.a.	T 6
F 7	22 14 22	1°37'48	9♑13	22°57	21°22	16°54	28°55	29°52	12°50	16°27	8°37	19°44	20°54	20°47	n.a.	F 7
S 8	22 18 19	2°37'36	23°41	24°18	22°38	16°34	29° 1	29°47	12°49	16°26	8°36	19°38	20°51	20°53	n.a.	S 8
S 9	22 22 15	3°37'25	8♒ 8	25°37	23°53	16°14	29° 7	29°42	12°47	16°24	8°36	19°31	20°48	21° 0	n.a.	S 9
M10	22 26 12	4°37'16	22°26	26°55	25° 8	15°54	29°13	29°37	12°45	16°22	8°35	19°23	20°44	21° 7	n.a.	M10
T 11	22 30 8	5°37'09	6♓30	28°12	26°24	15°33	29°19	29°33	12°43	16°21	8°34	19°17	20°41	21°13	n.a.	T 11
W12	22 34 5	6°37'04	20°15	29°27	27°39	15°12	29°26	29°28	12°41	16°19	8°34	19°11	20°38	21°20	n.a.	W12
T 13	22 38 1	7°37'01	3♈39	0♎41	28°54	14°51	29°32	29°23	12°39	16°17	8°33	19° 8	20°35	21°27	n.a.	T 13
F 14	22 41 58	8°37'01	16°41	1°53	0♍10	14°30	29°39	29°18	12°37	16°16	8°33	19°D 7	20°32	21°34	n.a.	F 14
S 15	22 45 54	9°37'02	29°21	3° 3	1°25	14° 9	29°46	29°13	12°35	16°14	8°32	19° 8	20°29	21°40	n.a.	S 15
S 16	22 49 51	10°37'06	11♉43	4°12	2°41	13°47	29°53	29° 9	12°33	16°12	8°32	19° 9	20°25	21°47	n.a.	S 16
M17	22 53 48	11°37'13	23°50	5°18	3°56	13°26	0♐ 1	29° 4	12°31	16°11	8°31	19°11	20°22	21°54	n.a.	M17
T 18	22 57 44	12°37'21	5♊47	6°22	5°11	13° 5	0° 8	28°59	12°29	16° 9	8°31	19°12	20°19	22° 0	n.a.	T 18
W19	23 1 41	13°37'32	17°38	7°23	6°27	12°44	0°16	28°55	12°27	16° 7	8°30	19°R12	20°16	22° 7	n.a.	W19
T 20	23 5 37	14°37'45	29°30	8°21	7°42	12°22	0°24	28°50	12°25	16° 6	8°30	19°11	20°13	22°14	n.a.	T 20
F 21	23 9 34	15°38'01	11♋27	9°16	8°58	12° 2	0°31	28°46	12°23	16° 4	8°30	19° 8	20°10	22°21	n.a.	F 21
S 22	23 13 30	16°38'18	23°32	10° 8	10°13	11°41	0°39	28°41	12°21	16° 2	8°29	19° 4	20° 6	22°27	n.a.	S 22
S 23	23 17 27	17°38'38	5♌50	10°55	11°29	11°21	0°48	28°37	12°19	16° 0	8°29	18°59	20° 3	22°34	n.a.	S 23
M24	23 21 23	18°39'00	18°24	11°38	12°45	11° 1	0°56	28°32	12°16	15°59	8°29	18°53	20° 0	22°41	n.a.	M24
T 25	23 25 20	19°39'23	1♍14	12°16	14° 0	10°41	1° 4	28°28	12°14	15°57	8°28	18°48	19°57	22°47	n.a.	T 25
W26	23 29 17	20°39'49	14°21	12°48	15°16	10°22	1°13	28°24	12°12	15°55	8°28	18°44	19°54	22°54	n.a.	W26
T 27	23 33 13	21°40'16	27°44	13°14	16°31	10° 4	1°22	28°19	12°10	15°54	8°28	18°41	19°50	23° 1	n.a.	T 27
F 28	23 37 10	22°40'46	11♎21	13°33	17°47	9°46	1°31	28°15	12° 7	15°52	8°28	18°39	19°47	23° 7	n.a.	F 28
S 29	23 41 6	23°41'17	25°10	13°44	19° 2	9°28	1°40	28°11	12° 5	15°50	8°28	18°D39	19°44	23°14	n.a.	S 29
S 30	23 45 3	24♍41'49	9♏ 8	13°R47	20♍18	9♓11	1♐49	28♒ 7	12♈ 2	15♓49	8♑28	18♈40	19♈41	23♊21	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	13n11	5s41	0n25	5n22	0s53	18n16	1n22	8s35	4s23	20s15	0s 6	14s 2	2s40	4n41	0s36	7s15	2s 2	33s54	10s21	7n53	8n25	27n53			n.a.
S 2	12 51	11 56	0s47	4 41	1 1	17 55	1 23	8 40	4 22	20 16	0 6	14 4	2 40	4 40	0 36	7 15	2 2	33 54	10 21	7 53	8 24	27 54			n.a.
M 3	12 30	17 43	1 58	4 1	1 8	17 32	1 24	8 46	4 21	20 17	0 6	14 5	2 40	4 39	0 36	7 16	2 2	33 54	10 21	7 54	8 23	27 55			n.a.
T 4	12 9	22 39	3 3	3 21	1 15	17 10	1 24	8 51	4 19	20 18	0 6	14 7	2 40	4 39	0 36	7 17	2 2	33 54	10 21	7 54	8 22	27 56			n.a.
W 5	11 48	26 21	3 58	2 41	1 22	16 46	1 25	8 57	4 18	20 20	0 6	14 9	2 40	4 38	0 36	7 17	2 2	33 54	10 20	7 54	8 20	27 57			n.a.
T 6	11 27	28 24	4 39	2 2	1 29	16 23	1 25	9 3	4 16	20 21	0 6	14 11	2 40	4 37	0 36	7 18	2 2	33 53	10 20	7 53	8 19	27 58			n.a.
F 7	11 5	28 34	5 2	1 23	1 36	15 58	1 25	9 9	4 14	20 23	0 6	14 13	2 40	4 37	0 36	7 19	2 2	33 53	10 20	7 51	8 18	27 59			n.a.
S 8	10 43	26 46	5 7	0 44	1 43	15 34	1 26	9 15	4 12	20 24	0 7	14 14	2 40	4 36	0 36	7 19	2 2	33 53	10 20	7 49	8 17	28 0			n.a.
S 9	10 21	23 14	4 52	0 6	1 49	15 9	1 26	9 21	4 10	20 25	0 7	14 16	2 40	4 35	0 36	7 20	2 2	33 53	10 20	7 46	8 15	28 1			n.a.
M10	9 59	18 20	4 18	0s31	1 56	14 43	1 26	9 27	4 8	20 27	0 7	14 18	2 40	4 35	0 36	7 21	2 2	33 53	10 20	7 43	8 14	28 2			n.a.
T 11	9 37	12 31	3 30	1 8	2 2	14 17	1 26	9 33	4 5	20 28	0 7	14 20	2 40	4 34	0 36	7 21	2 2	33 53	10 19	7 41	8 13	28 2			n.a.
W12	9 14	6 13	2 30	1 44	2 8	13 51	1 26	9 39	4 3	20 30	0 7	14 21	2 40	4 33	0 36	7 22	2 2	33 53	10 19	7 39	8 12	28 3			n.a.
T 13	8 52	0n13	1 23	2 19	2 14	13 24	1 26	9 45	4 0	20 32	0 7	14 23	2 40	4 32	0 36	7 23	2 2	33 53	10 19	7 37	8 11	28 4			n.a.
F 14	8 29	6 28	0 13	2 54	2 20	12 57	1 26	9 51	3 58	20 33	0 7	14 25	2 40	4 32	0 36	7 23	2 2	33 52	10 19	7 37	8 9	28 5			n.a.
S 15	8 6	12 18	0n55	3 27	2 25	12 30	1 26	9 57	3 55	20 35	0 7	14 26	2 40	4 31	0 36	7 24	2 2	33 52	10 19	7 37	8 8	28 6			n.a.
S 16	7 43	17 31	2 0	4 0	2 31	12 2	1 26	10 3	3 52	20 36	0 7	14 28	2 40	4 30	0 36	7 25	2 2	33 52	10 19	7 38	8 7	28 7			n.a.
M17	7 20	21 55	2 58	4 31	2 35	11 34	1 25	10 8	3 49	20 38	0 8	14 30	2 40	4 29	0 36	7 25	2 2	33 52	10 18	7 38	8 6	28 8			n.a.
T 18	6 56	25 22	3 47	5 1	2 40	11 5	1 25	10 14	3 46	20 40	0 8	14 31	2 40	4 28	0 36	7 26	2 2	33 52	10 18	7 39	8 5	28 9			n.a.
W19	6 33	27 41	4 26	5 29	2 44	10 36	1 24	10 19	3 43	20 42	0 8	14 33	2 40	4 28	0 36	7 27	2 2	33 52	10 18	7 39	8 3	28 9			n.a.
T 20	6 9	28 45	4 54	5 56	2 48	10 7	1 24	10 24	3 40	20 43	0 8	14 35	2 40	4 27	0 36	7 27	2 2	33 52	10 18	7 38	8 2	28 10			n.a.
F 21	5 46	28 29	5 9	6 21	2 51	9 38	1 23	10 30	3 36	20 45	0 8	14 36	2 40	4 26	0 36	7 28	2 2	33 51	10 18	7 37	8 1	28 11			n.a.
S 22	5 22	26 52	5 11	6 43	2 53	9 8	1 23	10 34	3 33	20 47	0 8	14 38	2 40	4 25	0 36	7 29	2 2	33 51	10 17	7 36	8 0	28 12			n.a.
S 23	4 58	23 57	4 58	7 4	2 55	8 39	1 22	10 39	3 30	20 49	0 8	14 39	2 40	4 24	0 36	7 29	2 2	33 51	10 17	7 34	7 58	28 13			n.a.
M24	4 34	19 53	4 32	7 22	2 56	8 8	1 21	10 44	3 26	20 51	0 8	14 41	2 40	4 23	0 36	7 30	2 2	33 51	10 17	7 31	7 57	28 13			n.a.
T 25	4 10	14 49	3 51	7 37	2 56	7 38	1 20	10 48	3 22	20 53	0 8	14 42	2 40	4 22	0 36	7 31	2 2	33 51	10 17	7 30	7 56	28 14			n.a.
W26	3 46	8 59	2 57	7 50	2 56	7 8	1 20	10 52	3 19	20 54	0 9	14 44	2 40	4 21	0 36	7 31	2 2	33 50	10 17	7 28	7 55	28 15			n.a.
T 27	3 22	2 38	1 52	7 58	2 54	6 37	1 19	10 56	3 15	20 56	0 9	14 45	2 39	4 20	0 36	7 32	2 2	33 50	10 16	7 27	7 54	28 16			n.a.
F 28	2 57	3s57	0 40	8 3	2 51	6 6	1 18	10 59	3 11	20 58	0 9	14 46	2 39	4 19	0 36	7 33	2 2	33 50	10 16	7 26	7 52	28 17			n.a.
S 29	2 33	10 27	0s36	8 4	2 47	5 35	1 17	11 3	3 8	21 0	0 9	14 48	2 39	4 19	0 36	7 33	2 2	33 50	10 16	7 26	7 51	28 17			n.a.
S 30	2n 9	16s32	1s50	8s 1	2s42	5n 4	1n16	11s 6	3s 4	21s 2	0s 9	14s49	2s39	4n18	0s36	7s34	2s 2	33s50	10s16	7n27	7n50	28n18			n.a.

Julian Day Number = 1202646.5, Delta T = 09h20m57s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'25, Lahiri = -23°33'24 Julian Calendar 1 Sept. 1421 BCE == Greg. Calendar 19 Aug. 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

OCTOBER 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 48 59	25♍42'23	23♏12	13°R42	21♍34	8°R55	1♐58	28°R 3	12°R 0	15°R47	8°R27	18♈42	19♈38	23♊28	n.a.	M 1
T 2	23 52 56	26°42'59	7♐21	13♎27	22°49	8♓39	2° 7	27♒59	11♈58	15♓45	8♑27	18°43	19°35	23°34	n.a.	T 2
W 3	23 56 52	27°43'36	21°32	13° 1	24° 5	8°24	2°17	27°55	11°55	15°44	8°27	18°R44	19°31	23°41	n.a.	W 3
T 4	0 0 49	28°44'14	5♑42	12°26	25°21	8°10	2°26	27°51	11°53	15°42	8°D27	18°44	19°28	23°48	n.a.	T 4
F 5	0 4 46	29°44'54	19°51	11°41	26°36	7°57	2°36	27°48	11°50	15°40	8°27	18°43	19°25	23°54	n.a.	F 5
S 6	0 8 42	0♎45'35	3♒56	10°45	27°52	7°44	2°46	27°44	11°48	15°39	8°27	18°41	19°22	24° 1	n.a.	S 6
S 7	0 12 39	1°46'18	17°54	9°41	29° 7	7°32	2°56	27°41	11°46	15°37	8°27	18°39	19°19	24° 8	n.a.	S 7
M 8	0 16 35	2°47'01	1♓42	8°29	0♎23	7°21	3° 6	27°37	11°43	15°36	8°27	18°37	19°15	24°15	n.a.	M 8
T 9	0 20 32	3°47'46	15°18	7°12	1°39	7°10	3°16	27°34	11°41	15°34	8°28	18°35	19°12	24°21	n.a.	T 9
W10	0 24 28	4°48'33	28°41	5°51	2°54	7° 1	3°27	27°30	11°38	15°32	8°28	18°33	19° 9	24°28	n.a.	W10
T 11	0 28 25	5°49'20	11♈47	4°30	4°10	6°52	3°37	27°27	11°36	15°31	8°28	18°32	19° 6	24°35	n.a.	T 11
F 12	0 32 21	6°50'10	24°37	3°11	5°25	6°44	3°47	27°24	11°33	15°29	8°28	18°D32	19° 3	24°41	n.a.	F 12
S 13	0 36 18	7°51'00	7♉11	1°56	6°41	6°37	3°58	27°21	11°31	15°28	8°28	18°33	19° 0	24°48	n.a.	S 13
S 14	0 40 15	8°51'53	19°30	0°48	7°57	6°30	4° 9	27°18	11°28	15°26	8°28	18°34	18°56	24°55	n.a.	S 14
M15	0 44 11	9°52'47	1♊36	29♍49	9°12	6°25	4°20	27°15	11°25	15°25	8°29	18°35	18°53	25° 2	n.a.	M15
T 16	0 48 8	10°53'42	13°34	29° 0	10°28	6°20	4°31	27°12	11°23	15°23	8°29	18°36	18°50	25° 8	n.a.	T 16
W17	0 52 4	11°54'39	25°26	28°22	11°44	6°16	4°42	27° 9	11°20	15°22	8°29	18°36	18°47	25°15	n.a.	W17
T 18	0 56 1	12°55'38	7♋18	27°56	12°59	6°13	4°53	27° 7	11°18	15°20	8°30	18°37	18°44	25°22	n.a.	T 18
F 19	0 59 57	13°56'38	19°14	27°42	14°15	6°11	5° 4	27° 4	11°15	15°19	8°30	18°R37	18°41	25°28	n.a.	F 19
S 20	1 3 54	14°57'39	1♌18	27°D39	15°30	6° 9	5°15	27° 2	11°13	15°17	8°30	18°36	18°37	25°35	n.a.	S 20
S 21	1 7 50	15°58'42	13°36	27°46	16°46	6°D 9	5°27	26°59	11°10	15°16	8°31	18°36	18°34	25°42	n.a.	S 21
M22	1 11 47	16°59'46	26°11	28° 4	18° 2	6° 9	5°38	26°57	11° 8	15°15	8°31	18°36	18°31	25°49	n.a.	M22
T 23	1 15 44	18° 0'51	9♍ 7	28°30	19°17	6°10	5°50	26°55	11° 5	15°13	8°32	18°36	18°28	25°55	n.a.	T 23
W24	1 19 40	19° 1'58	22°24	29° 4	20°33	6°11	6° 2	26°53	11° 3	15°12	8°32	18°D36	18°25	26° 2	n.a.	W24
T 25	1 23 37	20° 3'06	6♎ 3	29°46	21°49	6°14	6°13	26°51	11° 0	15°11	8°33	18°36	18°21	26° 9	n.a.	T 25
F 26	1 27 33	21° 4'15	20° 3	0♎34	23° 4	6°17	6°25	26°49	10°58	15° 9	8°33	18°R36	18°18	26°15	n.a.	F 26
S 27	1 31 30	22° 5'24	4♏19	1°28	24°20	6°21	6°37	26°48	10°55	15° 8	8°34	18°36	18°15	26°22	n.a.	S 27
S 28	1 35 26	23° 6'35	18°47	2°26	25°35	6°26	6°49	26°46	10°53	15° 7	8°35	18°35	18°12	26°29	n.a.	S 28
M29	1 39 23	24° 7'46	3♐21	3°29	26°51	6°31	7° 1	26°45	10°51	15° 5	8°35	18°35	18° 9	26°36	n.a.	M29
T 30	1 43 19	25° 8'58	17°54	4°36	28° 6	6°37	7°14	26°43	10°48	15° 4	8°36	18°34	18° 6	26°42	n.a.	T 30
W31	1 47 16	26♎10'11	2♑22	5♎46	29♎22	6♓44	7♐26	26♒42	10♈46	15♓ 3	8♑37	18♈33	18♈ 2	26♊49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	1n44	21s47	2s59	7s52	2s35	4n32	1n14	11s 8	3s 0	21s 4	0s 9	14s50	2s39	4n17	0s36	7s35	2s 2	33s49	10s16	7n27	7n49	28n19			n.a.
T 2	1 20	25 49	3 57	7 38	2 26	4 1	1 13	11 11	2 56	21 6	0 9	14 52	2 39	4 16	0 36	7 35	2 2	33 49	10 15	7 28	7 47	28 20			n.a.
W 3	0 55	28 15	4 40	7 19	2 16	3 29	1 12	11 13	2 52	21 8	0 9	14 53	2 39	4 15	0 36	7 36	2 2	33 49	10 15	7 28	7 46	28 20			n.a.
T 4	0 31	28 51	5 7	6 53	2 4	2 57	1 11	11 15	2 48	21 10	0 9	14 54	2 39	4 14	0 36	7 37	2 2	33 49	10 15	7 28	7 45	28 21			n.a.
F 5	0 6	27 33	5 15	6 23	1 50	2 26	1 9	11 17	2 45	21 12	0 9	14 55	2 39	4 13	0 36	7 37	2 2	33 49	10 15	7 28	7 44	28 22			n.a.
S 6	0s18	24 32	5 4	5 46	1 34	1 54	1 8	11 18	2 41	21 14	0 10	14 57	2 38	4 12	0 36	7 38	2 2	33 48	10 15	7 27	7 43	28 22			n.a.
S 7	0 43	20 6	4 35	5 5	1 17	1 22	1 6	11 19	2 37	21 16	0 10	14 58	2 38	4 11	0 36	7 38	2 2	33 48	10 14	7 26	7 41	28 23			n.a.
M 8	1 8	14 38	3 51	4 19	0 58	0 50	1 5	11 19	2 33	21 18	0 10	14 59	2 38	4 10	0 36	7 39	2 2	33 48	10 14	7 25	7 40	28 24			n.a.
T 9	1 32	8 33	2 53	3 30	0 39	0 18	1 3	11 20	2 29	21 21	0 10	15 0	2 38	4 9	0 36	7 40	2 2	33 48	10 14	7 24	7 39	28 24			n.a.
W10	1 57	2 11	1 48	2 39	0 18	0s14	1 2	11 20	2 25	21 23	0 10	15 1	2 38	4 8	0 36	7 40	2 2	33 48	10 14	7 24	7 38	28 25			n.a.
T 11	2 21	4n10	0 37	1 47	0n 3	0 46	1 0	11 20	2 21	21 25	0 10	15 2	2 38	4 7	0 36	7 41	2 2	33 47	10 13	7 23	7 36	28 26			n.a.
F 12	2 46	10 13	0n34	0 56	0 23	1 18	0 58	11 19	2 18	21 27	0 10	15 3	2 38	4 6	0 36	7 41	2 2	33 47	10 13	7 23	7 35	28 26			n.a.
S 13	3 10	15 45	1 41	0 8	0 43	1 50	0 56	11 19	2 14	21 29	0 10	15 4	2 37	4 5	0 36	7 42	2 2	33 47	10 13	7 24	7 34	28 27			n.a.
S 14	3 34	20 32	2 43	0n37	1 1	2 22	0 55	11 17	2 10	21 31	0 10	15 5	2 37	4 4	0 36	7 43	2 2	33 47	10 13	7 24	7 33	28 28			n.a.
M15	3 59	24 23	3 37	1 16	1 18	2 54	0 53	11 16	2 6	21 33	0 10	15 6	2 37	4 3	0 36	7 43	2 2	33 46	10 13	7 24	7 32	28 28			n.a.
T 16	4 23	27 8	4 20	1 50	1 34	3 26	0 51	11 15	2 3	21 35	0 11	15 6	2 37	4 2	0 36	7 44	2 2	33 46	10 12	7 25	7 30	28 29			n.a.
W17	4 47	28 38	4 52	2 18	1 47	3 58	0 49	11 13	1 59	21 38	0 11	15 7	2 37	4 1	0 36	7 44	2 2	33 46	10 12	7 25	7 29	28 30			n.a.
T 18	5 12	28 50	5 11	2 39	1 59	4 30	0 47	11 11	1 56	21 40	0 11	15 8	2 36	4 0	0 36	7 45	2 2	33 46	10 12	7 25	7 28	28 30			n.a.
F 19	5 36	27 41	5 17	2 53	2 8	5 2	0 45	11 8	1 52	21 42	0 11	15 9	2 36	3 59	0 36	7 45	2 2	33 45	10 12	7 25	7 27	28 31			n.a.
S 20	6 0	25 15	5 9	3 2	2 16	5 33	0 43	11 5	1 49	21 44	0 11	15 9	2 36	3 58	0 36	7 46	2 2	33 45	10 12	7 25	7 25	28 31			n.a.
S 21	6 24	21 37	4 47	3 4	2 22	6 5	0 41	11 2	1 45	21 46	0 11	15 10	2 36	3 57	0 36	7 46	2 2	33 45	10 11	7 25	7 24	28 32			n.a.
M22	6 47	16 56	4 11	3 1	2 26	6 36	0 39	10 59	1 42	21 48	0 11	15 11	2 36	3 56	0 36	7 47	2 2	33 45	10 11	7 25	7 23	28 33			n.a.
T 23	7 11	11 24	3 22	2 53	2 29	7 7	0 37	10 56	1 38	21 51	0 11	15 11	2 35	3 55	0 36	7 48	2 2	33 45	10 11	7 25	7 22	28 33			n.a.
W24	7 35	5 12	2 20	2 40	2 31	7 38	0 35	10 52	1 35	21 53	0 11	15 12	2 35	3 54	0 36	7 48	2 2	33 44	10 11	7 25	7 20	28 34			n.a.
T 25	7 58	1s24	1 9	2 24	2 31	8 9	0 32	10 48	1 32	21 55	0 11	15 12	2 35	3 53	0 36	7 49	2 2	33 44	10 10	7 25	7 19	28 34			n.a.
F 26	8 22	8 6	0s 8	2 4	2 31	8 39	0 30	10 44	1 28	21 57	0 11	15 13	2 35	3 52	0 36	7 49	2 2	33 44	10 10	7 25	7 18	28 35			n.a.
S 27	8 45	14 32	1 26	1 41	2 29	9 10	0 28	10 39	1 25	21 59	0 12	15 13	2 35	3 51	0 36	7 49	2 2	33 44	10 10	7 25	7 17	28 35			n.a.
S 28	9 8	20 16	2 40	1 15	2 27	9 40	0 26	10 35	1 22	22 2	0 12	15 13	2 34	3 50	0 36	7 50	2 2	33 43	10 10	7 25	7 16	28 36			n.a.
M29	9 31	24 51	3 43	0 47	2 23	10 10	0 23	10 30	1 19	22 4	0 12	15 14	2 34	3 49	0 36	7 50	2 2	33 43	10 10	7 24	7 14	28 36			n.a.
T 30	9 54	27 50	4 33	0 16	2 20	10 40	0 21	10 25	1 16	22 6	0 12	15 14	2 34	3 48	0 36	7 51	2 2	33 43	10 9	7 24	7 13	28 37			n.a.
W31	10s17	28s55	5s 4	0s16	2n15	11s 9	0n19	10s19	1s13	22s 8	0s12	15s14	2s34	3n47	0s36	7s51	2s 2	33s43	10s 9	7n24	7n12	28n37			n.a.

Julian Day Number = 1202676.5, Delta T = 09h20m55s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'21, Lahiri = -23°33'20 Julian Calendar 1 Oct. 1421 BCE == Greg. Calendar 18 Sept. 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

NOVEMBER 1421 BCE (-1420) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 51 13	27♎11'24	16♉41	6♎58	0♏38	6♓52	7♐38	26°R41	10°R43	15°R 2	8♉37	18°R33	17♈59	26♊56	n.a.	T 1
F 2	1 55 9	28°12'37	0♒47	8°14	1°53	7° 0	7°51	26♒40	10♈41	15♓ 1	8°38	18°D33	17°56	27° 2	n.a.	F 2
S 3	1 59 6	29°13'51	14°39	9°31	3° 9	7° 9	8° 3	26°39	10°39	15° 0	8°39	18♈33	17°53	27° 9	n.a.	S 3
S 4	2 3 2	0♏15'05	28°16	10°50	4°24	7°19	8°16	26°38	10°36	14°59	8°40	18°34	17°50	27°16	n.a.	S 4
M 5	2 6 59	1°16'19	11♓40	12°11	5°40	7°29	8°28	26°37	10°34	14°57	8°40	18°35	17°47	27°23	n.a.	M 5
T 6	2 10 55	2°17'34	24°50	13°33	6°55	7°40	8°41	26°37	10°32	14°56	8°41	18°36	17°43	27°29	n.a.	T 6
W 7	2 14 52	3°18'49	7♈46	14°56	8°11	7°51	8°54	26°36	10°29	14°55	8°42	18°37	17°40	27°36	n.a.	W 7
T 8	2 18 48	4°20'04	20°31	16°20	9°26	8° 3	9° 7	26°36	10°27	14°54	8°43	18°R37	17°37	27°43	n.a.	T 8
F 9	2 22 45	5°21'19	3♉ 3	17°46	10°42	8°16	9°20	26°35	10°25	14°53	8°44	18°37	17°34	27°49	n.a.	F 9
S 10	2 26 42	6°22'35	15°25	19°12	11°57	8°29	9°33	26°35	10°23	14°53	8°45	18°35	17°31	27°56	n.a.	S 10
S 11	2 30 38	7°23'52	27°36	20°39	13°13	8°43	9°46	26°D35	10°20	14°52	8°46	18°33	17°27	28° 3	n.a.	S 11
M12	2 34 35	8°25'08	9♊39	22° 6	14°28	8°57	9°59	26°35	10°18	14°51	8°47	18°30	17°24	28°10	n.a.	M12
T 13	2 38 31	9°26'26	21°35	23°34	15°44	9°12	10°12	26°35	10°16	14°50	8°48	18°26	17°21	28°16	n.a.	T 13
W14	2 42 28	10°27'43	3♋27	25° 3	16°59	9°28	10°25	26°36	10°14	14°49	8°49	18°22	17°18	28°23	n.a.	W14
T 15	2 46 24	11°29'01	15°19	26°32	18°14	9°44	10°38	26°36	10°12	14°48	8°50	18°19	17°15	28°30	n.a.	T 15
F 16	2 50 21	12°30'20	27°13	28° 1	19°30	10° 0	10°51	26°37	10°10	14°48	8°51	18°17	17°12	28°36	n.a.	F 16
S 17	2 54 18	13°31'38	9♌14	29°31	20°45	10°17	11° 5	26°37	10° 8	14°47	8°52	18°D16	17° 8	28°43	n.a.	S 17
S 18	2 58 14	14°32'57	21°28	1♏ 2	22° 1	10°34	11°18	26°38	10° 6	14°46	8°53	18°16	17° 5	28°50	n.a.	S 18
M19	3 2 11	15°34'17	3♍58	2°32	23°16	10°52	11°32	26°39	10° 4	14°46	8°54	18°17	17° 2	28°57	n.a.	M19
T 20	3 6 7	16°35'36	16°50	4° 4	24°31	11°10	11°45	26°40	10° 2	14°45	8°55	18°19	16°59	29° 3	n.a.	T 20
W21	3 10 4	17°36'56	0♎ 6	5°35	25°47	11°29	11°59	26°41	10° 0	14°44	8°57	18°20	16°56	29°10	n.a.	W21
T 22	3 14 0	18°38'15	13°49	7° 7	27° 2	11°48	12°12	26°42	9°58	14°44	8°58	18°R21	16°52	29°17	n.a.	T 22
F 23	3 17 57	19°39'35	27°58	8°39	28°18	12° 8	12°26	26°44	9°57	14°43	8°59	18°21	16°49	29°23	n.a.	F 23
S 24	3 21 53	20°40'55	12♏31	10°11	29°33	12°28	12°40	26°45	9°55	14°43	9° 0	18°19	16°46	29°30	n.a.	S 24
S 25	3 25 50	21°42'15	27°22	11°44	0♐48	12°48	12°53	26°46	9°53	14°42	9° 1	18°16	16°43	29°37	n.a.	S 25
M26	3 29 47	22°43'34	12♐23	13°17	2° 4	13° 9	13° 7	26°48	9°52	14°42	9° 3	18°11	16°40	29°44	n.a.	M26
T 27	3 33 43	23°44'53	27°25	14°51	3°19	13°31	13°21	26°50	9°50	14°42	9° 4	18° 5	16°37	29°50	n.a.	T 27
W28	3 37 40	24°46'12	12♑19	16°25	4°34	13°52	13°35	26°52	9°48	14°41	9° 5	18° 0	16°33	29°57	n.a.	W28
T 29	3 41 36	25°47'29	26°57	17°59	5°50	14°14	13°48	26°54	9°47	14°41	9° 7	17°56	16°30	0♋ 4	n.a.	T 29
F 30	3 45 33	26♏48'46	11♒14	19♏34	7♐ 5	14♓36	14♐ 2	26♒56	9♈45	14♓41	9♑ 8	17♈53	16♈27	0♋10	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s39	28s 2	5s17	0s50	2n10	11s38	0n17	10s14	1s10	22s10	0s12	15s14	2s34	3n46	0s36	7s52	2s 2	33s42	10s 9	7n24	7n11	28n38		n.a.
F 2	11 2	25 22	5 10	1 24	2 5	12 7	0 14	10 8	1 7	22 12	0 12	15 15	2 33	3 45	0 36	7 52	2 2	33 42	10 9	7 24	7 9	28 38		n.a.
S 3	11 24	21 15	4 45	2 0	2 0	12 36	0 12	10 2	1 4	22 14	0 12	15 15	2 33	3 44	0 36	7 52	2 1	33 42	10 9	7 24	7 8	28 39		n.a.
S 4	11 46	16 5	4 4	2 37	1 54	13 4	0 9	9 56	1 2	22 17	0 12	15 15	2 33	3 44	0 36	7 53	2 1	33 42	10 8	7 24	7 7	28 39		n.a.
M 5	12 7	10 14	3 10	3 15	1 48	13 32	0 7	9 49	0 59	22 19	0 12	15 15	2 33	3 43	0 36	7 53	2 1	33 41	10 8	7 24	7 6	28 40		n.a.
T 6	12 29	4 2	2 8	3 53	1 41	13 59	0 5	9 43	0 56	22 21	0 13	15 15	2 32	3 42	0 36	7 54	2 1	33 41	10 8	7 25	7 4	28 40		n.a.
W 7	12 50	2n14	1 0	4 32	1 35	14 27	0 2	9 36	0 54	22 23	0 13	15 15	2 32	3 41	0 35	7 54	2 1	33 41	10 8	7 25	7 3	28 41		n.a.
T 8	13 11	8 19	0n10	5 11	1 28	14 54	0 0	9 29	0 51	22 25	0 13	15 15	2 32	3 40	0 35	7 54	2 1	33 41	10 8	7 25	7 2	28 41		n.a.
F 9	13 32	13 59	1 19	5 51	1 21	15 20	0s 2	9 22	0 48	22 27	0 13	15 15	2 32	3 39	0 35	7 55	2 1	33 40	10 8	7 25	7 1	28 41		n.a.
S 10	13 53	19 1	2 22	6 30	1 14	15 46	0 5	9 14	0 46	22 29	0 13	15 14	2 31	3 38	0 35	7 55	2 1	33 40	10 7	7 25	7 0	28 42		n.a.
S 11	14 13	23 12	3 19	7 10	1 7	16 12	0 7	9 7	0 43	22 31	0 13	15 14	2 31	3 37	0 35	7 55	2 1	33 40	10 7	7 24	6 58	28 42		n.a.
M12	14 34	26 20	4 5	7 50	1 0	16 37	0 9	8 59	0 41	22 33	0 13	15 14	2 31	3 37	0 35	7 56	2 1	33 40	10 7	7 22	6 57	28 43		n.a.
T 13	14 54	28 15	4 40	8 29	0 53	17 2	0 12	8 51	0 39	22 35	0 13	15 14	2 31	3 36	0 35	7 56	2 1	33 39	10 7	7 21	6 56	28 43		n.a.
W14	15 13	28 53	5 4	9 9	0 46	17 26	0 14	8 43	0 36	22 38	0 13	15 13	2 31	3 35	0 35	7 56	2 1	33 39	10 7	7 20	6 55	28 43		n.a.
T 15	15 33	28 9	5 14	9 49	0 39	17 50	0 17	8 35	0 34	22 40	0 13	15 13	2 30	3 34	0 35	7 56	2 1	33 39	10 7	7 18	6 53	28 44		n.a.
F 16	15 52	26 9	5 10	10 28	0 32	18 13	0 19	8 27	0 32	22 42	0 13	15 13	2 30	3 33	0 35	7 57	2 1	33 39	10 6	7 18	6 52	28 44		n.a.
S 17	16 11	22 58	4 53	11 7	0 25	18 36	0 21	8 18	0 30	22 44	0 14	15 12	2 30	3 33	0 35	7 57	2 1	33 38	10 6	7 17	6 51	28 44		n.a.
S 18	16 29	18 44	4 23	11 46	0 18	18 58	0 24	8 9	0 28	22 46	0 14	15 12	2 30	3 32	0 35	7 57	2 1	33 38	10 6	7 17	6 50	28 45		n.a.
M19	16 48	13 37	3 40	12 24	0 11	19 20	0 26	8 1	0 25	22 48	0 14	15 11	2 29	3 31	0 35	7 57	2 1	33 38	10 6	7 18	6 48	28 45		n.a.
T 20	17 6	7 48	2 44	13 2	0 4	19 42	0 28	7 52	0 23	22 50	0 14	15 10	2 29	3 30	0 35	7 57	2 1	33 38	10 6	7 18	6 47	28 45		n.a.
W21	17 23	1 28	1 38	13 40	0s 3	20 2	0 30	7 43	0 21	22 51	0 14	15 10	2 29	3 30	0 35	7 58	2 1	33 37	10 6	7 19	6 46	28 46		n.a.
T 22	17 41	5s10	0 25	14 17	0 10	20 22	0 33	7 33	0 19	22 53	0 14	15 9	2 29	3 29	0 35	7 58	2 0	33 37	10 5	7 19	6 45	28 46		n.a.
F 23	17 58	11 45	0s52	14 54	0 17	20 42	0 35	7 24	0 17	22 55	0 14	15 9	2 28	3 28	0 35	7 58	2 0	33 37	10 5	7 19	6 43	28 46		n.a.
S 24	18 14	17 54	2 8	15 30	0 23	21 1	0 37	7 14	0 16	22 57	0 14	15 8	2 28	3 28	0 35	7 58	2 0	33 37	10 5	7 18	6 42	28 47		n.a.
S 25	18 31	23 6	3 17	16 6	0 30	21 19	0 39	7 5	0 14	22 59	0 14	15 7	2 28	3 27	0 35	7 58	2 0	33 36	10 5	7 17	6 41	28 47		n.a.
M26	18 47	26 51	4 12	16 41	0 36	21 37	0 42	6 55	0 12	23 1	0 14	15 6	2 28	3 26	0 35	7 58	2 0	33 36	10 5	7 15	6 40	28 47		n.a.
T 27	19 2	28 41	4 51	17 15	0 42	21 54	0 44	6 45	0 10	23 3	0 15	15 5	2 27	3 26	0 35	7 58	2 0	33 36	10 5	7 13	6 38	28 48		n.a.
W28	19 18	28 25	5 9	17 49	0 48	22 11	0 46	6 35	0 8	23 5	0 15	15 5	2 27	3 25	0 35	7 58	2 0	33 36	10 5	7 11	6 37	28 48		n.a.
T 29	19 33	26 9	5 7	18 22	0 54	22 27	0 48	6 25	0 7	23 6	0 15	15 4	2 27	3 24	0 35	7 58	2 0	33 36	10 4	7 9	6 36	28 48		n.a.
F 30	19s47	22s16	4s45	18s54	1s 0	22s42	0s50	6s14	0s 5	23s 8	0s15	15s 3	2s27	3n24	0s35	7s59	2s 0	33s35	10s 4	7n 8	6n35	28n48		n.a.

Julian Day Number = 1202707.5, Delta T = 09h20m54s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'17, Lahiri = -23°33'16 Julian Calendar 1 Nov. 1421 BCE == Greg. Calendar 19 Oct. 1421 BCE

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ASTRODIENST EPHEMERIS for the year 1421 BCE
geocentric

DECEMBER 1421 BCE (-1420) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 49 29	27♏50'03	25♒ 8	21♏ 9	8♐20	14♓59	14♐16	26♒58	9°R44	14°R40	9♑ 9	17°D52	16♈24	0♋17	n.a.	S 1
S 2	3 53 26	28°51'18	8♓39	22°45	9°35	15°22	14°30	27° 0	9♈42	14♓40	9°11	17♈52	16°21	0°24	n.a.	S 2
M 3	3 57 23	29°52'32	21°50	24°21	10°51	15°45	14°44	27° 3	9°41	14°40	9°12	17°53	16°18	0°31	n.a.	M 3
T 4	4 1 19	0♐53'46	4♈42	25°57	12° 6	16° 9	14°58	27° 5	9°40	14°40	9°13	17°55	16°14	0°37	n.a.	T 4
W 5	4 5 16	1°54'58	17°20	27°34	13°21	16°33	15°12	27° 8	9°38	14°40	9°15	17°R55	16°11	0°44	n.a.	W 5
T 6	4 9 12	2°56'10	29°46	29°12	14°36	16°57	15°26	27°11	9°37	14°40	9°16	17°55	16° 8	0°51	n.a.	T 6
F 7	4 13 9	3°57'21	12♉ 1	0♐50	15°51	17°22	15°40	27°13	9°36	14°40	9°18	17°52	16° 5	0°58	n.a.	F 7
S 8	4 17 5	4°58'31	24° 9	2°28	17° 6	17°47	15°54	27°16	9°35	14°D40	9°19	17°46	16° 2	1° 4	n.a.	S 8
S 9	4 21 2	5°59'40	6♊12	4° 7	18°22	18°12	16° 8	27°19	9°34	14°40	9°21	17°39	15°58	1°11	n.a.	S 9
M10	4 24 59	7° 0'49	18° 9	5°47	19°37	18°37	16°23	27°23	9°33	14°40	9°22	17°30	15°55	1°18	n.a.	M10
T 11	4 28 55	8° 1'57	0♋ 3	7°27	20°52	19° 3	16°37	27°26	9°32	14°40	9°24	17°19	15°52	1°24	n.a.	T 11
W12	4 32 52	9° 3'04	11°55	9° 8	22° 7	19°29	16°51	27°29	9°31	14°40	9°25	17° 9	15°49	1°31	n.a.	W12
T 13	4 36 48	10° 4'10	23°47	10°49	23°22	19°55	17° 5	27°33	9°30	14°40	9°27	16°59	15°46	1°38	n.a.	T 13
F 14	4 40 45	11° 5'15	5♌41	12°31	24°37	20°22	17°19	27°36	9°29	14°40	9°28	16°51	15°43	1°45	n.a.	F 14
S 15	4 44 41	12° 6'19	17°42	14°13	25°52	20°48	17°33	27°40	9°28	14°41	9°30	16°46	15°39	1°51	n.a.	S 15
S 16	4 48 38	13° 7'23	29°53	15°57	27° 7	21°15	17°48	27°44	9°27	14°41	9°31	16°42	15°36	1°58	n.a.	S 16
M17	4 52 34	14° 8'26	12♍18	17°40	28°22	21°42	18° 2	27°47	9°27	14°41	9°33	16°D41	15°33	2° 5	n.a.	M17
T 18	4 56 31	15° 9'27	25° 2	19°24	29°37	22°10	18°16	27°51	9°26	14°41	9°35	16°42	15°30	2°11	n.a.	T 18
W19	5 0 28	16°10'28	8♎10	21° 9	0♑52	22°37	18°30	27°55	9°25	14°42	9°36	16°42	15°27	2°18	n.a.	W19
T 20	5 4 24	17°11'28	21°45	22°54	2° 7	23° 5	18°44	27°59	9°25	14°42	9°38	16°R43	15°24	2°25	n.a.	T 20
F 21	5 8 21	18°12'27	5♏49	24°40	3°22	23°33	18°59	28° 4	9°24	14°43	9°40	16°41	15°20	2°32	n.a.	F 21
S 22	5 12 17	19°13'26	20°22	26°26	4°37	24° 1	19°13	28° 8	9°24	14°43	9°41	16°37	15°17	2°38	n.a.	S 22
S 23	5 16 14	20°14'23	5♐19	28°12	5°52	24°30	19°27	28°12	9°24	14°44	9°43	16°30	15°14	2°45	n.a.	S 23
M24	5 20 10	21°15'19	20°33	29°59	7° 7	24°58	19°41	28°17	9°23	14°44	9°44	16°21	15°11	2°52	n.a.	M24
T 25	5 24 7	22°16'13	5♑53	1♑46	8°21	25°27	19°56	28°21	9°23	14°45	9°46	16°11	15° 8	2°59	n.a.	T 25
W26	5 28 4	23°17'06	21° 7	3°32	9°36	25°56	20°10	28°26	9°23	14°45	9°48	16° 1	15° 4	3° 5	n.a.	W26
T 27	5 32 0	24°17'58	6♒ 5	5°19	10°51	26°25	20°24	28°31	9°22	14°46	9°49	15°52	15° 1	3°12	n.a.	T 27
F 28	5 35 57	25°18'47	20°39	7° 5	12° 6	26°55	20°38	28°36	9°22	14°47	9°51	15°45	14°58	3°19	n.a.	F 28
S 29	5 39 53	26°19'35	4♓46	8°50	13°21	27°24	20°53	28°40	9°22	14°48	9°53	15°41	14°55	3°25	n.a.	S 29
S 30	5 43 50	27°20'21	18°23	10°34	14°35	27°54	21° 7	28°45	9°D22	14°48	9°55	15°39	14°52	3°32	n.a.	S 30
M31	5 47 46	28♐21'05	1♈34	12♑17	15♑50	28♓24	21♐21	28♒50	9♈22	14♓49	9♑56	15°D39	14♈49	3♋39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 2	17s15	4s 8	19s25	1s 5	22s56	0s52	6s 4	0s 3	23s10	0s15	15s 2	2s26	3n23	0s35	7s59	2s 0	33s35	10s 4	7n 8	6n34	28n48		n.a.
S 2	20 16	11 30	3 17	19 56	1 11	23 10	0 54	5 53	0 2	23 12	0 15	15 1	2 26	3 23	0 35	7 59	2 0	33 35	10 4	7 8	6 32	28 49		n.a.
M 3	20 29	5 23	2 17	20 25	1 16	23 23	0 56	5 43	0 0	23 13	0 15	15 0	2 26	3 22	0 35	7 59	2 0	33 35	10 4	7 8	6 31	28 49		n.a.
T 4	20 42	0n49	1 11	20 54	1 21	23 36	0 58	5 32	0n 2	23 15	0 15	14 58	2 26	3 22	0 35	7 59	2 0	33 34	10 4	7 9	6 30	28 49		n.a.
W 5	20 55	6 52	0 3	21 21	1 26	23 48	1 0	5 21	0 3	23 17	0 15	14 57	2 26	3 21	0 35	7 59	2 0	33 34	10 4	7 9	6 29	28 49		n.a.
T 6	21 7	12 34	1n 4	21 48	1 30	23 59	1 1	5 10	0 5	23 19	0 15	14 56	2 25	3 21	0 35	7 59	2 0	33 34	10 4	7 9	6 27	28 50		n.a.
F 7	21 19	17 43	2 6	22 14	1 34	24 9	1 3	4 59	0 6	23 20	0 16	14 55	2 25	3 20	0 35	7 59	2 0	33 34	10 4	7 8	6 26	28 50		n.a.
S 8	21 30	22 5	3 3	22 38	1 38	24 18	1 5	4 48	0 8	23 22	0 16	14 54	2 25	3 20	0 35	7 58	1 59	33 34	10 3	7 6	6 25	28 50		n.a.
S 9	21 41	25 30	3 50	23 1	1 42	24 27	1 7	4 37	0 9	23 23	0 16	14 52	2 25	3 19	0 35	7 58	1 59	33 33	10 3	7 3	6 24	28 50		n.a.
M10	21 52	27 45	4 27	23 23	1 46	24 35	1 8	4 25	0 10	23 25	0 16	14 51	2 24	3 19	0 35	7 58	1 59	33 33	10 3	6 59	6 22	28 50		n.a.
T 11	22 2	28 44	4 52	23 44	1 49	24 42	1 10	4 14	0 12	23 27	0 16	14 50	2 24	3 19	0 35	7 58	1 59	33 33	10 3	6 55	6 21	28 50		n.a.
W12	22 12	28 22	5 4	24 3	1 52	24 49	1 12	4 2	0 13	23 28	0 16	14 48	2 24	3 18	0 35	7 58	1 59	33 33	10 3	6 51	6 20	28 51		n.a.
T 13	22 21	26 42	5 3	24 21	1 54	24 55	1 13	3 50	0 14	23 30	0 16	14 47	2 24	3 18	0 34	7 58	1 59	33 33	10 3	6 47	6 19	28 51		n.a.
F 14	22 30	23 51	4 49	24 37	1 56	25 0	1 15	3 39	0 16	23 31	0 16	14 45	2 23	3 18	0 34	7 58	1 59	33 32	10 3	6 44	6 17	28 51		n.a.
S 15	22 39	19 57	4 22	24 52	1 58	25 4	1 16	3 27	0 17	23 33	0 16	14 44	2 23	3 17	0 34	7 58	1 59	33 32	10 3	6 42	6 16	28 51		n.a.
S 16	22 47	15 11	3 43	25 5	1 59	25 7	1 17	3 15	0 18	23 34	0 17	14 42	2 23	3 17	0 34	7 58	1 59	33 32	10 3	6 41	6 15	28 51		n.a.
M17	22 54	9 44	2 53	25 16	2 0	25 10	1 19	3 3	0 19	23 35	0 17	14 41	2 23	3 17	0 34	7 57	1 59	33 32	10 3	6 40	6 14	28 51		n.a.
T 18	23 1	3 44	1 53	25 26	2 1	25 12	1 20	2 51	0 21	23 37	0 17	14 39	2 23	3 17	0 34	7 57	1 59	33 32	10 3	6 40	6 12	28 51		n.a.
W19	23 8	2s36	0 46	25 34	2 1	25 13	1 21	2 39	0 22	23 38	0 17	14 38	2 22	3 16	0 34	7 57	1 59	33 31	10 3	6 41	6 11	28 51		n.a.
T 20	23 14	9 2	0s27	25 40	2 0	25 13	1 22	2 27	0 23	23 40	0 17	14 36	2 22	3 16	0 34	7 57	1 59	33 31	10 3	6 41	6 10	28 51		n.a.
F 21	23 20	15 16	1 40	25 44	1 59	25 12	1 23	2 14	0 24	23 41	0 17	14 34	2 22	3 16	0 34	7 56	1 59	33 31	10 3	6 40	6 9	28 51		n.a.
S 22	23 25	20 52	2 49	25 47	1 58	25 11	1 24	2 2	0 25	23 42	0 17	14 33	2 22	3 16	0 34	7 56	1 59	33 31	10 3	6 39	6 7	28 51		n.a.
S 23	23 30	25 19	3 48	25 47	1 56	25 9	1 25	1 50	0 26	23 43	0 17	14 31	2 22	3 16	0 34	7 56	1 58	33 31	10 2	6 36	6 6	28 51		n.a.
M24	23 34	28 3	4 33	25 45	1 53	25 6	1 26	1 37	0 27	23 45	0 17	14 29	2 21	3 16	0 34	7 56	1 58	33 31	10 2	6 33	6 5	28 52		n.a.
T 25	23 38	28 41	4 58	25 41	1 50	25 3	1 27	1 24	0 28	23 46	0 18	14 27	2 21	3 16	0 34	7 55	1 58	33 30	10 2	6 29	6 4	28 52		n.a.
W26	23 41	27 8	5 1	25 35	1 46	24 58	1 28	1 12	0 29	23 47	0 18	14 25	2 21	3 16	0 34	7 55	1 58	33 30	10 2	6 24	6 2	28 52		n.a.
T 27	23 44	23 39	4 44	25 26	1 41	24 53	1 29	0 59	0 30	23 48	0 18	14 24	2 21	3 16	0 34	7 55	1 58	33 30	10 2	6 21	6 1	28 52		n.a.
F 28	23 47	18 47	4 9	25 16	1 36	24 47	1 29	0 46	0 31	23 49	0 18	14 22	2 21	3 16	0 34	7 54	1 58	33 30	10 2	6 18	6 0	28 52		n.a.
S 29	23 49	13 1	3 19	25 3	1 30	24 40	1 30	0 34	0 32	23 51	0 18	14 20	2 20	3 16	0 34	7 54	1 58	33 30	10 2	6 17	5 59	28 52		n.a.
S 30	23 50	6 48	2 19	24 48	1 23	24 33	1 30	0 21	0 33	23 52	0 18	14 18	2 20	3 16	0 34	7 54	1 58	33 30	10 2	6 16	5 57	28 52		n.a.
M31	23s51	0s30	1s14	24s32	1s15	24s24	1s31	0s 8	0n34	23s53	0s18	14s16	2s20	3n16	0s34	7s53	1s58	33s30	10s 2	6n16	5n56	28n52		n.a.

Julian Day Number = 1202737.5, Delta T = 09h20m52s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'13, Lahiri = -23°33'12 Julian Calendar 1 Dec. 1421 BCE == Greg. Calendar 18 Nov. 1421 BCE

The year -1420 astronomical counting style corresponds to year 1421 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

JANUARY 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 51 43	29♐21'47	14♈22	13♑59	17♑ 5	28♓54	21♐35	28♒56	9♈22	14♓50	9♑58	15°R39	14♈45	3♋46	n.a.	T 1
W 2	5 55 39	0♑22'28	26°51	15°38	18°20	29°24	21°49	29° 1	9°22	14°51	10° 0	15♈38	14°42	3°52	n.a.	W 2
T 3	5 59 36	1°23'06	9♉ 7	17°15	19°34	29°54	22° 3	29° 6	9°23	14°52	10° 1	15°36	14°39	3°59	n.a.	T 3
F 4	6 3 33	2°23'43	21°12	18°49	20°49	0♈25	22°18	29°11	9°23	14°53	10° 3	15°31	14°36	4° 6	n.a.	F 4
S 5	6 7 29	3°24'18	3♊10	20°19	22° 3	0°55	22°32	29°17	9°23	14°53	10° 5	15°23	14°33	4°12	n.a.	S 5
S 6	6 11 26	4°24'51	15° 5	21°45	23°18	1°26	22°46	29°22	9°24	14°54	10° 6	15°12	14°30	4°19	n.a.	S 6
M 7	6 15 22	5°25'22	26°58	23° 7	24°33	1°57	23° 0	29°28	9°24	14°55	10° 8	14°59	14°26	4°26	n.a.	M 7
T 8	6 19 19	6°25'52	8♋50	24°22	25°47	2°28	23°14	29°34	9°24	14°57	10°10	14°44	14°23	4°33	n.a.	T 8
W 9	6 23 15	7°26'20	20°44	25°31	27° 2	2°59	23°28	29°39	9°25	14°58	10°12	14°30	14°20	4°39	n.a.	W 9
T 10	6 27 12	8°26'45	2♌39	26°34	28°16	3°30	23°42	29°45	9°25	14°59	10°13	14°16	14°17	4°46	n.a.	T 10
F 11	6 31 8	9°27'10	14°39	27°28	29°30	4° 1	23°56	29°51	9°26	15° 0	10°15	14° 4	14°14	4°53	n.a.	F 11
S 12	6 35 5	10°27'32	26°44	28°15	0♒45	4°33	24°10	29°57	9°27	15° 1	10°17	13°55	14°10	5° 0	n.a.	S 12
S 13	6 39 2	11°27'53	8♍58	28°53	1°59	5° 5	24°24	0♓ 3	9°27	15° 2	10°19	13°49	14° 7	5° 6	n.a.	S 13
M14	6 42 58	12°28'12	21°23	29°21	3°14	5°36	24°38	0° 9	9°28	15° 3	10°20	13°46	14° 4	5°13	n.a.	M14
T 15	6 46 55	13°28'29	4♎ 5	29°40	4°28	6° 8	24°52	0°15	9°29	15° 5	10°22	13°45	14° 1	5°20	n.a.	T 15
W16	6 50 51	14°28'45	17° 7	29°R50	5°42	6°40	25° 5	0°21	9°30	15° 6	10°24	13°45	13°58	5°26	n.a.	W16
T 17	6 54 48	15°28'59	0♏32	29°49	6°56	7°12	25°19	0°28	9°31	15° 7	10°25	13°44	13°55	5°33	n.a.	T 17
F 18	6 58 44	16°29'11	14°25	29°39	8°11	7°44	25°33	0°34	9°32	15° 9	10°27	13°42	13°51	5°40	n.a.	F 18
S 19	7 2 41	17°29'22	28°45	29°19	9°25	8°16	25°47	0°40	9°33	15°10	10°29	13°38	13°48	5°47	n.a.	S 19
S 20	7 6 37	18°29'31	13♐31	28°51	10°39	8°49	26° 0	0°47	9°34	15°11	10°31	13°31	13°45	5°53	n.a.	S 20
M21	7 10 34	19°29'39	28°38	28°14	11°53	9°21	26°14	0°53	9°35	15°13	10°32	13°21	13°42	6° 0	n.a.	M21
T 22	7 14 31	20°29'44	13♑56	27°31	13° 7	9°54	26°28	1° 0	9°36	15°14	10°34	13°10	13°39	6° 7	n.a.	T 22
W23	7 18 27	21°29'48	29°14	26°41	14°21	10°26	26°41	1° 6	9°37	15°16	10°36	12°59	13°36	6°14	n.a.	W23
T 24	7 22 24	22°29'49	14♒20	25°46	15°35	10°59	26°55	1°13	9°39	15°17	10°37	12°48	13°32	6°20	n.a.	T 24
F 25	7 26 20	23°29'48	29° 5	24°48	16°49	11°32	27° 8	1°20	9°40	15°19	10°39	12°40	13°29	6°27	n.a.	F 25
S 26	7 30 17	24°29'45	13♓23	23°48	18° 3	12° 5	27°22	1°27	9°41	15°20	10°41	12°35	13°26	6°34	n.a.	S 26
S 27	7 34 13	25°29'39	27°11	22°48	19°17	12°38	27°35	1°33	9°43	15°22	10°43	12°32	13°23	6°40	n.a.	S 27
M28	7 38 10	26°29'31	10♈29	21°48	20°31	13°11	27°49	1°40	9°44	15°24	10°44	12°D31	13°20	6°47	n.a.	M28
T 29	7 42 6	27°29'20	23°22	20°50	21°45	13°44	28° 2	1°47	9°46	15°25	10°46	12°R31	13°16	6°54	n.a.	T 29
W30	7 46 3	28°29'07	5♉52	19°55	22°59	14°17	28°15	1°54	9°47	15°27	10°48	12°31	13°13	7° 1	n.a.	W30
T 31	7 50 0	29♑28'52	18♉ 6	19♑ 5	24♒13	14♈51	28♐29	2♓ 1	9♈49	15♓28	10♑49	12♈30	13♈10	7♋ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s52	5n39	0s 7	24s13	1s 6	24s15	1s31	0n 5	0n35	23s54	0s18	14s14	2s20	3n16	0s34	7s53	1s58	33s29	10s 2	6n16	5n55	28n52			n.a.
W 2	23 52	11 27	0n59	23 52	0 57	24 6	1 31	0 18	0 36	23 55	0 18	14 12	2 20	3 16	0 34	7 53	1 58	33 29	10 2	6 16	5 54	28 51			n.a.
T 3	23 51	16 41	2 1	23 30	0 47	23 55	1 32	0 31	0 37	23 56	0 19	14 10	2 19	3 16	0 34	7 52	1 58	33 29	10 2	6 15	5 52	28 51			n.a.
F 4	23 50	21 12	2 56	23 6	0 36	23 44	1 32	0 44	0 38	23 57	0 19	14 8	2 19	3 16	0 34	7 52	1 58	33 29	10 2	6 13	5 51	28 51			n.a.
S 5	23 49	24 48	3 43	22 41	0 24	23 32	1 32	0 58	0 38	23 58	0 19	14 6	2 19	3 16	0 34	7 51	1 58	33 29	10 2	6 10	5 50	28 51			n.a.
S 6	23 47	27 19	4 20	22 15	0 11	23 19	1 32	1 11	0 39	23 59	0 19	14 3	2 19	3 16	0 34	7 51	1 58	33 29	10 2	6 5	5 49	28 51			n.a.
M 7	23 45	28 34	4 45	21 49	0n 2	23 6	1 32	1 24	0 40	24 0	0 19	14 1	2 19	3 17	0 34	7 50	1 58	33 29	10 2	6 0	5 47	28 51			n.a.
T 8	23 42	28 31	4 58	21 22	0 16	22 52	1 32	1 37	0 41	24 0	0 19	13 59	2 19	3 17	0 34	7 50	1 57	33 28	10 2	5 55	5 46	28 51			n.a.
W 9	23 39	27 8	4 57	20 54	0 31	22 38	1 32	1 51	0 42	24 1	0 19	13 57	2 18	3 17	0 34	7 50	1 57	33 28	10 3	5 49	5 45	28 51			n.a.
T 10	23 35	24 31	4 44	20 27	0 46	22 22	1 32	2 4	0 43	24 2	0 19	13 55	2 18	3 17	0 33	7 49	1 57	33 28	10 3	5 43	5 44	28 51			n.a.
F 11	23 31	20 50	4 18	20 1	1 2	22 6	1 31	2 17	0 43	24 3	0 20	13 52	2 18	3 17	0 33	7 49	1 57	33 28	10 3	5 39	5 42	28 51			n.a.
S 12	23 27	16 16	3 41	19 36	1 19	21 50	1 31	2 31	0 44	24 4	0 20	13 50	2 18	3 18	0 33	7 48	1 57	33 28	10 3	5 35	5 41	28 51			n.a.
S 13	23 22	11 0	2 52	19 12	1 35	21 32	1 31	2 44	0 45	24 4	0 20	13 48	2 18	3 18	0 33	7 47	1 57	33 28	10 3	5 33	5 40	28 51			n.a.
M14	23 16	5 14	1 55	18 50	1 51	21 14	1 30	2 57	0 45	24 5	0 20	13 45	2 18	3 18	0 33	7 47	1 57	33 28	10 3	5 31	5 39	28 50			n.a.
T 15	23 10	0s53	0 51	18 30	2 8	20 56	1 30	3 11	0 46	24 6	0 20	13 43	2 18	3 19	0 33	7 46	1 57	33 28	10 3	5 31	5 37	28 50			n.a.
W16	23 4	7 6	0s18	18 13	2 24	20 37	1 29	3 24	0 47	24 6	0 20	13 41	2 17	3 19	0 33	7 46	1 57	33 28	10 3	5 31	5 36	28 50			n.a.
T 17	22 57	13 13	1 27	17 58	2 39	20 17	1 28	3 38	0 48	24 7	0 20	13 38	2 17	3 20	0 33	7 45	1 57	33 28	10 3	5 31	5 35	28 50			n.a.
F 18	22 50	18 54	2 34	17 46	2 53	19 57	1 27	3 51	0 48	24 8	0 20	13 36	2 17	3 20	0 33	7 45	1 57	33 28	10 3	5 30	5 34	28 50			n.a.
S 19	22 42	23 42	3 33	17 37	3 7	19 36	1 27	4 5	0 49	24 8	0 21	13 33	2 17	3 20	0 33	7 44	1 57	33 27	10 3	5 28	5 32	28 50			n.a.
S 20	22 34	27 8	4 20	17 30	3 19	19 15	1 26	4 19	0 49	24 9	0 21	13 31	2 17	3 21	0 33	7 44	1 57	33 27	10 3	5 26	5 31	28 49			n.a.
M21	22 25	28 42	4 50	17 27	3 30	18 53	1 25	4 32	0 50	24 9	0 21	13 29	2 17	3 21	0 33	7 43	1 57	33 27	10 3	5 22	5 30	28 49			n.a.
T 22	22 16	28 5	5 0	17 27	3 39	18 31	1 24	4 46	0 51	24 10	0 21	13 26	2 17	3 22	0 33	7 42	1 57	33 27	10 3	5 17	5 29	28 49			n.a.
W23	22 7	25 22	4 48	17 30	3 46	18 8	1 23	4 59	0 51	24 10	0 21	13 24	2 16	3 22	0 33	7 42	1 57	33 27	10 3	5 13	5 27	28 49			n.a.
T 24	21 57	20 54	4 16	17 35	3 51	17 44	1 21	5 13	0 52	24 11	0 21	13 21	2 16	3 23	0 33	7 41	1 57	33 27	10 4	5 9	5 26	28 48			n.a.
F 25	21 47	15 14	3 28	17 42	3 54	17 20	1 20	5 26	0 52	24 11	0 21	13 18	2 16	3 23	0 33	7 40	1 57	33 27	10 4	5 5	5 25	28 48			n.a.
S 26	21 36	8 54	2 28	17 52	3 55	16 56	1 19	5 40	0 53	24 12	0 21	13 16	2 16	3 24	0 33	7 40	1 57	33 27	10 4	5 3	5 24	28 48			n.a.
S 27	21 25	2 22	1 20	18 3	3 54	16 31	1 17	5 54	0 54	24 12	0 22	13 13	2 16	3 25	0 33	7 39	1 56	33 27	10 4	5 2	5 22	28 48			n.a.
M28	21 14	4n 3	0 11	18 16	3 51	16 6	1 16	6 7	0 54	24 12	0 22	13 11	2 16	3 25	0 33	7 38	1 56	33 27	10 4	5 2	5 21	28 48			n.a.
T 29	21 2	10 7	0n57	18 30	3 46	15 41	1 14	6 21	0 55	24 13	0 22	13 8	2 16	3 26	0 33	7 38	1 56	33 27	10 4	5 2	5 20	28 47			n.a.
W30	20 50	15 36	2 0	18 45	3 39	15 15	1 13	6 35	0 55	24 13	0 22	13 5	2 16	3 27	0 33	7 37	1 56	33 27	10 4	5 2	5 19	28 47			n.a.
T 31	20s37	20n21	2n57	19s 0	3n30	14s48	1s11	6n48	0n56	24s13	0s22	13s 3	2s16	3n27	0s33	7s36	1s56	33s27	10s 4	5n 1	5n17	28n47			n.a.

Julian Day Number = 1202768.5, Delta T = 09h20m50s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'08, Lahiri = -23°33'08 Julian Calendar 1 Jan. 1420 BCE == Greg. Calendar 19 Dec. 1421 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

FEBRUARY 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 53 56	0♒28'34	0♊ 9	18°R19	25♒26	15♈24	28♐42	2♓ 8	9♈51	15♓30	10♑51	12°R26	13♈ 7	7♋14	n.a.	F 1
S 2	7 57 53	1°28'14	12° 4	17♑39	26°40	15°57	28°55	2°15	9°52	15°32	10°53	12♈19	13° 4	7°21	n.a.	S 2
S 3	8 1 49	2°27'52	23°55	17° 4	27°54	16°31	29° 8	2°22	9°54	15°34	10°54	12°10	13° 1	7°27	n.a.	S 3
M 4	8 5 46	3°27'27	5♋46	16°36	29° 7	17° 5	29°21	2°29	9°56	15°35	10°56	11°59	12°57	7°34	n.a.	M 4
T 5	8 9 42	4°27'00	17°40	16°14	0♓21	17°38	29°34	2°37	9°58	15°37	10°57	11°46	12°54	7°41	n.a.	T 5
W 6	8 13 39	5°26'31	29°37	15°59	1°34	18°12	29°47	2°44	9°59	15°39	10°59	11°33	12°51	7°48	n.a.	W 6
T 7	8 17 35	6°25'59	11♌39	15°49	2°48	18°46	29°59	2°51	10° 1	15°41	11° 1	11°21	12°48	7°54	n.a.	T 7
F 8	8 21 32	7°25'25	23°47	15°D46	4° 1	19°20	0♑12	2°58	10° 3	15°43	11° 2	11°11	12°45	8° 1	n.a.	F 8
S 9	8 25 29	8°24'49	6♍ 3	15°49	5°14	19°53	0°25	3° 6	10° 5	15°45	11° 4	11° 3	12°42	8° 8	n.a.	S 9
S 10	8 29 25	9°24'11	18°28	15°57	6°27	20°27	0°38	3°13	10° 7	15°46	11° 5	10°58	12°38	8°15	n.a.	S 10
M11	8 33 22	10°23'31	1♎ 3	16°11	7°41	21° 1	0°50	3°20	10° 9	15°48	11° 7	10°56	12°35	8°21	n.a.	M11
T 12	8 37 18	11°22'49	13°52	16°30	8°54	21°36	1° 3	3°28	10°12	15°50	11° 8	10°D55	12°32	8°28	n.a.	T 12
W13	8 41 15	12°22'05	26°57	16°54	10° 7	22°10	1°15	3°35	10°14	15°52	11°10	10°56	12°29	8°35	n.a.	W13
T 14	8 45 11	13°21'19	10♏21	17°22	11°20	22°44	1°27	3°43	10°16	15°54	11°11	10°R56	12°26	8°41	n.a.	T 14
F 15	8 49 8	14°20'32	24° 6	17°55	12°33	23°18	1°40	3°50	10°18	15°56	11°13	10°56	12°22	8°48	n.a.	F 15
S 16	8 53 4	15°19'42	8♐13	18°32	13°46	23°52	1°52	3°58	10°21	15°58	11°14	10°54	12°19	8°55	n.a.	S 16
S 17	8 57 1	16°18'51	22°42	19°14	14°59	24°27	2° 4	4° 5	10°23	16° 0	11°16	10°49	12°16	9° 2	n.a.	S 17
M18	9 0 57	17°17'57	7♑30	19°58	16°12	25° 1	2°16	4°13	10°25	16° 2	11°17	10°43	12°13	9° 8	n.a.	M18
T 19	9 4 54	18°17'02	22°29	20°46	17°25	25°36	2°28	4°21	10°28	16° 4	11°19	10°35	12°10	9°15	n.a.	T 19
W20	9 8 51	19°16'05	7♒31	21°38	18°38	26°10	2°40	4°28	10°30	16° 6	11°20	10°27	12° 7	9°22	n.a.	W20
T 21	9 12 47	20°15'05	22°26	22°33	19°50	26°45	2°52	4°36	10°33	16° 8	11°22	10°20	12° 3	9°29	n.a.	T 21
F 22	9 16 44	21°14'03	7♓ 6	23°30	21° 3	27°19	3° 4	4°44	10°35	16°10	11°23	10°14	12° 0	9°35	n.a.	F 22
S 23	9 20 40	22°12'59	21°24	24°31	22°16	27°54	3°15	4°51	10°38	16°12	11°24	10°10	11°57	9°42	n.a.	S 23
S 24	9 24 37	23°11'53	5♈16	25°34	23°28	28°29	3°27	4°59	10°40	16°15	11°26	10°D 9	11°54	9°49	n.a.	S 24
M25	9 28 33	24°10'44	18°40	26°39	24°41	29° 4	3°38	5° 7	10°43	16°17	11°27	10° 9	11°51	9°55	n.a.	M25
T 26	9 32 30	25° 9'33	1♉39	27°47	25°53	29°38	3°50	5°14	10°45	16°19	11°29	10°10	11°48	10° 2	n.a.	T 26
W27	9 36 26	26° 8'19	14°15	28°58	27° 5	0♉13	4° 1	5°22	10°48	16°21	11°30	10°11	11°44	10° 9	n.a.	W27
T 28	9 40 23	27♒ 7'03	26♉32	0♒10	28♓18	0♉48	4♑12	5♓30	10♈51	16♓23	11♑31	10°R12	11♈41	10♋16	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s24	24n11	3n44	19s16	3n21	14s21	1s10	7n 2	0n56	24s14	0s22	13s 0	2s15	3n28	0s33	7s36	1s56	33s27	10s 5	5n 0	5n16	28n46		n.a.
S 2	20 11	26 57	4 21	19 33	3 10	13 54	1 8	7 15	0 57	24 14	0 22	12 57	2 15	3 29	0 33	7 35	1 56	33 27	10 5	4 57	5 15	28 46		n.a.
S 3	19 58	28 29	4 46	19 49	2 58	13 27	1 6	7 29	0 57	24 14	0 23	12 55	2 15	3 29	0 33	7 34	1 56	33 27	10 5	4 54	5 14	28 46		n.a.
M 4	19 44	28 43	5 0	20 5	2 45	12 59	1 4	7 43	0 58	24 14	0 23	12 52	2 15	3 30	0 33	7 33	1 56	33 27	10 5	4 49	5 12	28 45		n.a.
T 5	19 29	27 37	5 0	20 20	2 32	12 31	1 2	7 56	0 58	24 15	0 23	12 49	2 15	3 31	0 33	7 33	1 56	33 27	10 5	4 44	5 11	28 45		n.a.
W 6	19 15	25 16	4 47	20 36	2 19	12 2	1 0	8 10	0 59	24 15	0 23	12 47	2 15	3 32	0 33	7 32	1 56	33 27	10 5	4 39	5 10	28 45		n.a.
T 7	19 0	21 46	4 21	20 50	2 5	11 34	0 58	8 23	0 59	24 15	0 23	12 44	2 15	3 32	0 33	7 31	1 56	33 27	10 5	4 34	5 9	28 44		n.a.
F 8	18 44	17 20	3 43	21 5	1 51	11 5	0 56	8 37	1 0	24 15	0 23	12 41	2 15	3 33	0 32	7 30	1 56	33 27	10 6	4 30	5 7	28 44		n.a.
S 9	18 29	12 9	2 54	21 18	1 37	10 35	0 54	8 50	1 0	24 15	0 23	12 38	2 15	3 34	0 32	7 30	1 56	33 27	10 6	4 27	5 6	28 44		n.a.
S 10	18 13	6 26	1 57	21 31	1 23	10 6	0 51	9 4	1 0	24 15	0 24	12 35	2 15	3 35	0 32	7 29	1 56	33 27	10 6	4 25	5 5	28 43		n.a.
M11	17 57	0 22	0 52	21 43	1 10	9 36	0 49	9 17	1 1	24 15	0 24	12 33	2 15	3 36	0 32	7 28	1 56	33 27	10 6	4 24	5 3	28 43		n.a.
T 12	17 40	5s48	0s16	21 54	0 56	9 6	0 47	9 30	1 1	24 16	0 24	12 30	2 15	3 37	0 32	7 27	1 56	33 27	10 6	4 24	5 2	28 43		n.a.
W13	17 24	11 53	1 25	22 4	0 43	8 36	0 44	9 44	1 2	24 16	0 24	12 27	2 15	3 38	0 32	7 26	1 56	33 27	10 6	4 24	5 1	28 42		n.a.
T 14	17 6	17 34	2 31	22 13	0 30	8 5	0 42	9 57	1 2	24 16	0 24	12 24	2 15	3 38	0 32	7 26	1 56	33 27	10 7	4 24	5 0	28 42		n.a.
F 15	16 49	22 31	3 30	22 21	0 18	7 34	0 39	10 10	1 3	24 16	0 24	12 21	2 14	3 39	0 32	7 25	1 56	33 27	10 7	4 24	4 58	28 41		n.a.
S 16	16 31	26 18	4 18	22 28	0 6	7 4	0 37	10 24	1 3	24 16	0 25	12 19	2 14	3 40	0 32	7 24	1 56	33 27	10 7	4 23	4 57	28 41		n.a.
S 17	16 14	28 30	4 51	22 33	0s 6	6 33	0 34	10 37	1 3	24 16	0 25	12 16	2 14	3 41	0 32	7 23	1 56	33 27	10 7	4 21	4 56	28 41		n.a.
M18	15 55	28 43	5 5	22 38	0 17	6 1	0 32	10 50	1 4	24 16	0 25	12 13	2 14	3 42	0 32	7 22	1 56	33 27	10 7	4 19	4 55	28 40		n.a.
T 19	15 37	26 52	4 59	22 41	0 28	5 30	0 29	11 3	1 4	24 15	0 25	12 10	2 14	3 43	0 32	7 22	1 56	33 27	10 8	4 16	4 53	28 40		n.a.
W20	15 18	23 6	4 33	22 43	0 38	4 59	0 26	11 17	1 4	24 15	0 25	12 7	2 14	3 44	0 32	7 21	1 56	33 28	10 8	4 13	4 52	28 39		n.a.
T 21	15 0	17 51	3 48	22 44	0 48	4 27	0 24	11 30	1 5	24 15	0 25	12 4	2 14	3 45	0 32	7 20	1 56	33 28	10 8	4 10	4 51	28 39		n.a.
F 22	14 40	11 39	2 48	22 44	0 58	3 56	0 21	11 43	1 5	24 15	0 26	12 1	2 14	3 46	0 32	7 19	1 56	33 28	10 8	4 7	4 50	28 38		n.a.
S 23	14 21	4 59	1 39	22 42	1 7	3 24	0 18	11 56	1 5	24 15	0 26	11 58	2 14	3 47	0 32	7 18	1 55	33 28	10 8	4 6	4 48	28 38		n.a.
S 24	14 2	1n44	0 26	22 38	1 15	2 52	0 15	12 9	1 6	24 15	0 26	11 56	2 14	3 48	0 32	7 17	1 55	33 28	10 9	4 5	4 47	28 37		n.a.
M25	13 42	8 9	0n46	22 33	1 23	2 20	0 12	12 22	1 6	24 15	0 26	11 53	2 14	3 49	0 32	7 16	1 55	33 28	10 9	4 5	4 46	28 37		n.a.
T 26	13 22	14 1	1 53	22 27	1 31	1 48	0 9	12 34	1 6	24 15	0 26	11 50	2 14	3 51	0 32	7 16	1 55	33 28	10 9	4 6	4 45	28 36		n.a.
W27	13 2	19 9	2 54	22 19	1 38	1 16	0 6	12 47	1 7	24 15	0 26	11 47	2 14	3 52	0 32	7 15	1 55	33 28	10 9	4 6	4 43	28 36		n.a.
T 28	12s41	23n21	3n44	22s10	1s44	0s44	0s 3	13n 0	1n 7	24s14	0s27	11s44	2s14	3n53	0s32	7s14	1s55	33s28	10s10	4n 7	4n42	28n35		n.a.

Julian Day Number = 1202799.5, Delta T = 09h20m48s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'04, Lahiri = -23°33'04 Julian Calendar 1 Feb. 1420 BCE == Greg. Calendar 19 Jan. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

MARCH 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 44 19	28♒ 5'45	8♊37	1♒25	29♓30	1♉23	4♑23	5♓38	10♈54	16♓25	11♑32	10°R11	11♈38	10♋22	n.a.	F 1
S 2	9 48 16	29° 4'24	20°33	2°42	0♈42	1°58	4°35	5°45	10°56	16°27	11°34	10♈ 9	11°35	10°29	n.a.	S 2
S 3	9 52 13	0♓ 3'01	2♋25	4° 1	1°54	2°33	4°45	5°53	10°59	16°30	11°35	10° 5	11°32	10°36	n.a.	S 3
M 4	9 56 9	1° 1'36	14°17	5°21	3° 6	3° 8	4°56	6° 1	11° 2	16°32	11°36	9°59	11°28	10°43	n.a.	M 4
T 5	10 0 6	2° 0'08	26°12	6°44	4°18	3°43	5° 7	6° 9	11° 5	16°34	11°37	9°53	11°25	10°49	n.a.	T 5
W 6	10 4 2	2°58'38	8♌14	8° 9	5°30	4°18	5°18	6°17	11° 8	16°36	11°39	9°46	11°22	10°56	n.a.	W 6
T 7	10 7 59	3°57'06	20°25	9°35	6°42	4°53	5°28	6°24	11°11	16°38	11°40	9°39	11°19	11° 3	n.a.	T 7
F 8	10 11 55	4°55'32	2♍44	11° 3	7°54	5°28	5°39	6°32	11°14	16°41	11°41	9°34	11°16	11° 9	n.a.	F 8
S 9	10 15 52	5°53'56	15°15	12°33	9° 5	6° 4	5°49	6°40	11°17	16°43	11°42	9°30	11°13	11°16	n.a.	S 9
S 10	10 19 48	6°52'18	27°57	14° 5	10°17	6°39	5°59	6°48	11°20	16°45	11°43	9°28	11° 9	11°23	n.a.	S 10
M11	10 23 45	7°50'37	10♎50	15°39	11°28	7°14	6° 9	6°56	11°23	16°47	11°44	9°D27	11° 6	11°30	n.a.	M11
T 12	10 27 41	8°48'55	23°57	17°14	12°40	7°50	6°19	7° 3	11°26	16°50	11°45	9°28	11° 3	11°36	n.a.	T 12
W13	10 31 38	9°47'12	7♏16	18°51	13°51	8°25	6°29	7°11	11°29	16°52	11°46	9°29	11° 0	11°43	n.a.	W13
T 14	10 35 35	10°45'26	20°50	20°30	15° 2	9° 0	6°39	7°19	11°32	16°54	11°47	9°31	10°57	11°50	n.a.	T 14
F 15	10 39 31	11°43'39	4♐38	22°10	16°14	9°36	6°49	7°27	11°35	16°56	11°48	9°32	10°54	11°56	n.a.	F 15
S 16	10 43 28	12°41'51	18°41	23°53	17°25	10°11	6°58	7°35	11°38	16°58	11°49	9°R32	10°50	12° 3	n.a.	S 16
S 17	10 47 24	13°40'01	2♑58	25°37	18°36	10°47	7° 8	7°42	11°41	17° 1	11°50	9°31	10°47	12°10	n.a.	S 17
M18	10 51 21	14°38'09	17°25	27°22	19°47	11°22	7°17	7°50	11°44	17° 3	11°51	9°29	10°44	12°17	n.a.	M18
T 19	10 55 17	15°36'16	2♒ 0	29°10	20°58	11°58	7°26	7°58	11°48	17° 5	11°52	9°26	10°41	12°23	n.a.	T 19
W20	10 59 14	16°34'21	16°35	0♓59	22° 8	12°33	7°35	8° 6	11°51	17° 8	11°53	9°23	10°38	12°30	n.a.	W20
T 21	11 3 10	17°32'25	1♓ 6	2°50	23°19	13° 9	7°44	8°14	11°54	17°10	11°54	9°20	10°34	12°37	n.a.	T 21
F 22	11 7 7	18°30'26	15°26	4°42	24°30	13°44	7°53	8°21	11°57	17°12	11°55	9°17	10°31	12°44	n.a.	F 22
S 23	11 11 4	19°28'26	29°30	6°37	25°40	14°20	8° 2	8°29	12° 1	17°14	11°56	9°16	10°28	12°50	n.a.	S 23
S 24	11 15 0	20°26'24	13♈13	8°33	26°51	14°56	8°10	8°37	12° 4	17°17	11°57	9°D16	10°25	12°57	n.a.	S 24
M25	11 18 57	21°24'20	26°34	10°31	28° 1	15°31	8°19	8°44	12° 7	17°19	11°57	9°17	10°22	13° 4	n.a.	M25
T 26	11 22 53	22°22'15	9♉33	12°30	29°11	16° 7	8°27	8°52	12°11	17°21	11°58	9°18	10°19	13°10	n.a.	T 26
W27	11 26 50	23°20'07	22°12	14°32	0♉22	16°43	8°35	9° 0	12°14	17°23	11°59	9°19	10°15	13°17	n.a.	W27
T 28	11 30 46	24°17'58	4♊33	16°34	1°32	17°19	8°43	9° 7	12°17	17°26	12° 0	9°20	10°12	13°24	n.a.	T 28
F 29	11 34 43	25°15'46	16°40	18°38	2°42	17°55	8°51	9°15	12°21	17°28	12° 0	9°21	10° 9	13°31	n.a.	F 29
S 30	11 38 39	26°13'33	28°38	20°44	3°52	18°31	8°59	9°23	12°24	17°30	12° 1	9°R21	10° 6	13°37	n.a.	S 30
S 31	11 42 36	27♓11'18	10♋32	22♓51	5♉ 1	19♉ 6	9♑ 7	9♓30	12♈27	17♓32	12♑ 2	9♈21	10♈ 3	13♋44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s21	26n28	4n24	21s59	1s50	0s12	0s 0	13n13	1n 7	24s14	0s27	11s41	2s14	3n54	0s32	7s13	1s55	33s28	10s10	4n 6	4n41	28n35		n.a.
S 2	12 0	28 22	4 52	21 47	1 56	0n20	0n 3	13 25	1 8	24 14	0 27	11 38	2 14	3 55	0 32	7 12	1 55	33 29	10 10	4 5	4 40	28 34		n.a.
S 3	11 39	28 57	5 7	21 33	2 1	0 52	0 6	13 38	1 8	24 14	0 27	11 35	2 14	3 56	0 32	7 11	1 55	33 29	10 10	4 4	4 38	28 34		n.a.
M 4	11 18	28 12	5 8	21 17	2 5	1 24	0 9	13 50	1 8	24 13	0 27	11 32	2 14	3 57	0 32	7 10	1 55	33 29	10 11	4 1	4 37	28 33		n.a.
T 5	10 57	26 8	4 57	21 0	2 9	1 55	0 12	14 3	1 8	24 13	0 27	11 29	2 14	3 58	0 32	7 9	1 55	33 29	10 11	3 59	4 36	28 32		n.a.
W 6	10 36	22 54	4 32	20 41	2 13	2 27	0 15	14 15	1 9	24 13	0 28	11 26	2 14	4 0	0 32	7 9	1 55	33 29	10 11	3 56	4 34	28 32		n.a.
T 7	10 14	18 39	3 55	20 21	2 16	2 59	0 18	14 28	1 9	24 13	0 28	11 23	2 14	4 1	0 32	7 8	1 55	33 29	10 11	3 53	4 33	28 31		n.a.
F 8	9 52	13 34	3 6	19 59	2 19	3 31	0 22	14 40	1 9	24 12	0 28	11 20	2 14	4 2	0 32	7 7	1 55	33 29	10 12	3 51	4 32	28 31		n.a.
S 9	9 31	7 53	2 8	19 35	2 21	4 3	0 25	14 52	1 9	24 12	0 28	11 17	2 14	4 3	0 32	7 6	1 55	33 29	10 12	3 50	4 31	28 30		n.a.
S 10	9 9	1 47	1 2	19 9	2 22	4 34	0 28	15 4	1 10	24 12	0 28	11 15	2 14	4 4	0 32	7 5	1 55	33 30	10 12	3 49	4 29	28 30		n.a.
M11	8 47	4s29	0s 8	18 42	2 23	5 5	0 31	15 16	1 10	24 12	0 29	11 12	2 14	4 6	0 32	7 4	1 55	33 30	10 12	3 49	4 28	28 29		n.a.
T 12	8 24	10 40	1 18	18 13	2 23	5 37	0 34	15 28	1 10	24 11	0 29	11 9	2 14	4 7	0 32	7 3	1 55	33 30	10 13	3 49	4 27	28 28		n.a.
W13	8 2	16 29	2 26	17 42	2 23	6 8	0 38	15 40	1 10	24 11	0 29	11 6	2 14	4 8	0 32	7 2	1 55	33 30	10 13	3 49	4 26	28 28		n.a.
T 14	7 40	21 36	3 27	17 10	2 22	6 39	0 41	15 52	1 11	24 11	0 29	11 3	2 14	4 9	0 32	7 1	1 55	33 30	10 13	3 50	4 24	28 27		n.a.
F 15	7 17	25 39	4 17	16 35	2 21	7 10	0 44	16 4	1 11	24 10	0 29	11 0	2 14	4 11	0 32	7 1	1 55	33 30	10 13	3 51	4 23	28 26		n.a.
S 16	6 55	28 14	4 53	15 59	2 19	7 41	0 47	16 15	1 11	24 10	0 30	10 57	2 14	4 12	0 32	7 0	1 55	33 31	10 14	3 51	4 22	28 26		n.a.
S 17	6 32	29 1	5 11	15 21	2 17	8 11	0 50	16 27	1 11	24 10	0 30	10 54	2 14	4 13	0 32	6 59	1 55	33 31	10 14	3 50	4 21	28 25		n.a.
M18	6 9	27 50	5 10	14 42	2 14	8 42	0 54	16 38	1 11	24 9	0 30	10 51	2 14	4 14	0 32	6 58	1 55	33 31	10 14	3 49	4 19	28 24		n.a.
T 19	5 46	24 46	4 50	14 0	2 11	9 12	0 57	16 50	1 12	24 9	0 30	10 48	2 14	4 16	0 31	6 57	1 55	33 31	10 15	3 48	4 18	28 24		n.a.
W20	5 23	20 6	4 10	13 17	2 7	9 42	1 0	17 1	1 12	24 9	0 30	10 45	2 14	4 17	0 31	6 56	1 55	33 31	10 15	3 47	4 17	28 23		n.a.
T 21	5 0	14 18	3 15	12 33	2 2	10 11	1 3	17 12	1 12	24 9	0 31	10 42	2 15	4 18	0 31	6 55	1 55	33 32	10 15	3 46	4 15	28 22		n.a.
F 22	4 37	7 47	2 7	11 46	1 57	10 41	1 6	17 23	1 12	24 8	0 31	10 39	2 15	4 20	0 31	6 54	1 55	33 32	10 15	3 45	4 14	28 22		n.a.
S 23	4 14	1 1	0 54	10 58	1 52	11 10	1 10	17 34	1 12	24 8	0 31	10 36	2 15	4 21	0 31	6 53	1 55	33 32	10 16	3 44	4 13	28 21		n.a.
S 24	3 51	5n38	0n22	10 8	1 46	11 39	1 13	17 45	1 13	24 8	0 31	10 34	2 15	4 22	0 31	6 53	1 55	33 32	10 16	3 44	4 12	28 20		n.a.
M25	3 28	11 53	1 34	9 17	1 39	12 8	1 16	17 56	1 13	24 7	0 31	10 31	2 15	4 24	0 31	6 52	1 55	33 32	10 16	3 44	4 10	28 19		n.a.
T 26	3 5	17 26	2 39	8 24	1 32	12 36	1 19	18 7	1 13	24 7	0 32	10 28	2 15	4 25	0 31	6 51	1 55	33 33	10 17	3 45	4 9	28 19		n.a.
W27	2 41	22 6	3 35	7 29	1 24	13 4	1 22	18 18	1 13	24 7	0 32	10 25	2 15	4 26	0 31	6 50	1 55	33 33	10 17	3 45	4 8	28 18		n.a.
T 28	2 18	25 40	4 20	6 33	1 16	13 32	1 25	18 28	1 13	24 6	0 32	10 22	2 15	4 28	0 31	6 49	1 55	33 33	10 17	3 46	4 7	28 17		n.a.
F 29	1 55	28 1	4 52	5 36	1 8	14 0	1 28	18 39	1 13	24 6	0 32	10 19	2 15	4 29	0 31	6 48	1 55	33 33	10 18	3 46	4 5	28 16		n.a.
S 30	1 32	29 2	5 10	4 38	0 59	14 27	1 31	18 49	1 14	24 6	0 32	10 16	2 15	4 30	0 31	6 47	1 55	33 34	10 18	3 46	4 4	28 16		n.a.
S 31	1s 8	28n41	5n16	3s38	0s49	14n54	1n34	18n59	1n14	24s 5	0s33	10s14	2s15	4n32	0s31	6s46	1s55	33s34	10s18	3n46	4n 3	28n15		n.a.

Julian Day Number = 1202827.5, Delta T = 09h20m47s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°40'00, Lahiri = -23°33'00 Julian Calendar 1 March 1420 BCE == Greg. Calendar 16 Feb. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

APRIL 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 46 33	28♓ 9'02	22♋25	24♓59	6♉11	19♉42	9♑14	9♓38	12♈31	17♓34	12♑ 2	9°R20	9♈59	13♋51	n.a.	M 1
T 2	11 50 29	29° 6'43	4♌23	27° 8	7°21	20°18	9°21	9°45	12°34	17°37	12° 3	9♈19	9°56	13°58	n.a.	T 2
W 3	11 54 26	0♈ 4'23	16°29	29°18	8°30	20°54	9°29	9°53	12°38	17°39	12° 3	9°17	9°53	14° 4	n.a.	W 3
T 4	11 58 22	1° 2'01	28°46	1♈28	9°39	21°30	9°36	10° 0	12°41	17°41	12° 4	9°16	9°50	14°11	n.a.	T 4
F 5	12 2 19	1°59'37	11♍16	3°39	10°49	22° 6	9°43	10° 8	12°44	17°43	12° 4	9°15	9°47	14°18	n.a.	F 5
S 6	12 6 15	2°57'12	24° 1	5°50	11°58	22°42	9°49	10°15	12°48	17°46	12° 5	9°15	9°44	14°24	n.a.	S 6
S 7	12 10 12	3°54'45	7♎ 2	8° 0	13° 7	23°18	9°56	10°23	12°51	17°48	12° 5	9°D15	9°40	14°31	n.a.	S 7
M 8	12 14 8	4°52'17	20°19	10°10	14°16	23°54	10° 2	10°30	12°55	17°50	12° 6	9°15	9°37	14°38	n.a.	M 8
T 9	12 18 5	5°49'47	3♏50	12°20	15°24	24°30	10° 9	10°37	12°58	17°52	12° 6	9°15	9°34	14°45	n.a.	T 9
W10	12 22 1	6°47'17	17°33	14°28	16°33	25° 7	10°15	10°45	13° 2	17°54	12° 7	9°15	9°31	14°51	n.a.	W10
T 11	12 25 58	7°44'46	1♐28	16°35	17°41	25°43	10°21	10°52	13° 5	17°56	12° 7	9°15	9°28	14°58	n.a.	T 11
F 12	12 29 55	8°42'13	15°31	18°40	18°50	26°19	10°27	10°59	13° 9	17°59	12° 7	9°15	9°25	15° 5	n.a.	F 12
S 13	12 33 51	9°39'40	29°41	20°44	19°58	26°55	10°32	11° 6	13°12	18° 1	12° 8	9°R15	9°21	15°11	n.a.	S 13
S 14	12 37 48	10°37'05	13♑54	22°45	21° 6	27°31	10°38	11°14	13°16	18° 3	12° 8	9°D15	9°18	15°18	n.a.	S 14
M15	12 41 44	11°34'30	28°10	24°45	22°14	28° 7	10°43	11°21	13°19	18° 5	12° 8	9°16	9°15	15°25	n.a.	M15
T 16	12 45 41	12°31'54	12♒24	26°42	23°22	28°44	10°48	11°28	13°23	18° 7	12° 9	9°16	9°12	15°32	n.a.	T 16
W17	12 49 37	13°29'17	26°34	28°37	24°30	29°20	10°53	11°35	13°26	18° 9	12° 9	9°16	9° 9	15°38	n.a.	W17
T 18	12 53 34	14°26'39	10♓36	0♉29	25°37	29°56	10°58	11°42	13°30	18°11	12° 9	9°17	9° 5	15°45	n.a.	T 18
F 19	12 57 30	15°24'01	24°29	2°18	26°45	0♊33	11° 3	11°49	13°33	18°13	12° 9	9°17	9° 2	15°52	n.a.	F 19
S 20	13 1 27	16°21'21	8♈ 9	4° 5	27°52	1° 9	11° 7	11°56	13°37	18°15	12° 9	9°R17	8°59	15°59	n.a.	S 20
S 21	13 5 24	17°18'40	21°34	5°50	28°59	1°45	11°12	12° 3	13°40	18°17	12° 9	9°17	8°56	16° 5	n.a.	S 21
M22	13 9 20	18°15'59	4♉42	7°31	0♊ 6	2°22	11°16	12°10	13°44	18°19	12°10	9°16	8°53	16°12	n.a.	M22
T 23	13 13 17	19°13'16	17°33	9°10	1°13	2°58	11°20	12°16	13°47	18°21	12°10	9°15	8°50	16°19	n.a.	T 23
W24	13 17 13	20°10'32	0♊ 7	10°45	2°20	3°35	11°24	12°23	13°51	18°23	12°10	9°14	8°46	16°25	n.a.	W24
T 25	13 21 10	21° 7'48	12°27	12°18	3°27	4°11	11°27	12°30	13°54	18°25	12°10	9°12	8°43	16°32	n.a.	T 25
F 26	13 25 6	22° 5'02	24°35	13°48	4°33	4°48	11°31	12°37	13°58	18°27	12°R10	9°11	8°40	16°39	n.a.	F 26
S 27	13 29 3	23° 2'15	6♋33	15°16	5°39	5°24	11°34	12°43	14° 1	18°29	12°10	9°10	8°37	16°46	n.a.	S 27
S 28	13 33 0	23°59'28	18°27	16°40	6°45	6° 1	11°37	12°50	14° 4	18°31	12°10	9°D 9	8°34	16°52	n.a.	S 28
M29	13 36 56	24°56'39	0♌21	18° 1	7°51	6°37	11°40	12°56	14° 8	18°33	12°10	9° 9	8°31	16°59	n.a.	M29
T 30	13 40 53	25♈53'49	12♌19	19♉19	8♊57	7♊14	11♑43	13♓ 3	14♈11	18♓35	12♑ 9	9♈10	8♈27	17♋ 6	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s45	27n 1	5n 8	2s38	0s39	15n20	1n37	19n 9	1n14	24s 5	0s33	10s11	2s15	4n33	0s31	6s45	1s55	33s34	10s18	3n46	4n 2	28n14		n.a.
T 2	0 22	24 8	4 46	1 36	0 29	15 46	1 40	19 19	1 14	24 5	0 33	10 8	2 15	4 34	0 31	6 45	1 55	33 34	10 19	3 45	4 0	28 13		n.a.
W 3	0n 2	20 10	4 12	0 34	0 19	16 12	1 42	19 29	1 14	24 4	0 33	10 5	2 16	4 36	0 31	6 44	1 55	33 35	10 19	3 45	3 59	28 12		n.a.
T 4	0 25	15 19	3 26	0n28	0 9	16 37	1 45	19 39	1 14	24 4	0 34	10 2	2 16	4 37	0 31	6 43	1 55	33 35	10 19	3 44	3 58	28 12		n.a.
F 5	0 48	9 45	2 29	1 30	0n 2	17 2	1 48	19 49	1 14	24 4	0 34	10 0	2 16	4 38	0 31	6 42	1 55	33 35	10 20	3 44	3 56	28 11		n.a.
S 6	1 12	3 41	1 23	2 33	0 13	17 27	1 51	19 58	1 15	24 4	0 34	9 57	2 16	4 40	0 31	6 41	1 55	33 35	10 20	3 44	3 55	28 10		n.a.
S 7	1 35	2s39	0 12	3 35	0 23	17 51	1 53	20 8	1 15	24 3	0 34	9 54	2 16	4 41	0 31	6 40	1 55	33 36	10 20	3 44	3 54	28 9		n.a.
M 8	1 58	9 1	1s 1	4 37	0 34	18 14	1 56	20 17	1 15	24 3	0 34	9 51	2 16	4 43	0 31	6 39	1 55	33 36	10 21	3 44	3 53	28 8		n.a.
T 9	2 21	15 5	2 12	5 38	0 44	18 38	1 58	20 26	1 15	24 3	0 35	9 49	2 16	4 44	0 31	6 39	1 55	33 36	10 21	3 44	3 51	28 7		n.a.
W10	2 44	20 30	3 17	6 38	0 54	19 0	2 1	20 36	1 15	24 2	0 35	9 46	2 16	4 45	0 31	6 38	1 55	33 36	10 21	3 44	3 50	28 7		n.a.
T 11	3 8	24 54	4 10	7 36	1 4	19 23	2 3	20 44	1 15	24 2	0 35	9 43	2 16	4 47	0 31	6 37	1 56	33 37	10 22	3 44	3 49	28 6		n.a.
F 12	3 31	27 52	4 50	8 34	1 13	19 44	2 6	20 53	1 15	24 2	0 35	9 40	2 17	4 48	0 31	6 36	1 56	33 37	10 22	3 44	3 48	28 5		n.a.
S 13	3 54	29 4	5 12	9 30	1 22	20 6	2 8	21 2	1 15	24 2	0 36	9 38	2 17	4 50	0 31	6 35	1 56	33 37	10 22	3 44	3 46	28 4		n.a.
S 14	4 17	28 21	5 16	10 24	1 31	20 26	2 10	21 11	1 15	24 2	0 36	9 35	2 17	4 51	0 31	6 34	1 56	33 38	10 23	3 44	3 45	28 3		n.a.
M15	4 39	25 47	5 0	11 16	1 38	20 47	2 12	21 19	1 15	24 1	0 36	9 32	2 17	4 52	0 31	6 34	1 56	33 38	10 23	3 44	3 44	28 2		n.a.
T 16	5 2	21 37	4 25	12 7	1 46	21 6	2 14	21 27	1 15	24 1	0 36	9 30	2 17	4 54	0 31	6 33	1 56	33 38	10 23	3 44	3 42	28 1		n.a.
W17	5 25	16 14	3 35	12 55	1 52	21 26	2 16	21 36	1 16	24 1	0 37	9 27	2 17	4 55	0 31	6 32	1 56	33 38	10 24	3 44	3 41	28 0		n.a.
T 18	5 48	10 4	2 32	13 41	1 59	21 44	2 18	21 44	1 16	24 1	0 37	9 25	2 17	4 56	0 31	6 31	1 56	33 39	10 24	3 44	3 40	27 59		n.a.
F 19	6 10	3 28	1 21	14 25	2 4	22 3	2 20	21 52	1 16	24 1	0 37	9 22	2 18	4 58	0 31	6 30	1 56	33 39	10 24	3 44	3 39	27 58		n.a.
S 20	6 33	3n12	0 6	15 7	2 9	22 20	2 22	21 59	1 16	24 1	0 37	9 19	2 18	4 59	0 31	6 30	1 56	33 39	10 24	3 45	3 37	27 57		n.a.
S 21	6 55	9 35	1n 7	15 47	2 13	22 37	2 23	22 7	1 16	24 0	0 38	9 17	2 18	5 1	0 31	6 29	1 56	33 40	10 25	3 44	3 36	27 56		n.a.
M22	7 17	15 27	2 16	16 24	2 16	22 54	2 25	22 15	1 16	24 0	0 38	9 14	2 18	5 2	0 31	6 28	1 56	33 40	10 25	3 44	3 35	27 56		n.a.
T 23	7 39	20 30	3 16	16 59	2 18	23 9	2 27	22 22	1 16	24 0	0 38	9 12	2 18	5 3	0 31	6 27	1 56	33 40	10 25	3 44	3 34	27 55		n.a.
W24	8 1	24 32	4 5	17 32	2 20	23 25	2 28	22 29	1 16	24 0	0 38	9 9	2 18	5 5	0 31	6 27	1 56	33 41	10 26	3 43	3 32	27 54		n.a.
T 25	8 23	27 21	4 42	18 2	2 21	23 39	2 29	22 36	1 16	24 0	0 39	9 7	2 18	5 6	0 31	6 26	1 56	33 41	10 26	3 43	3 31	27 53		n.a.
F 26	8 45	28 50	5 5	18 31	2 22	23 53	2 31	22 43	1 16	24 0	0 39	9 4	2 19	5 7	0 31	6 25	1 56	33 41	10 26	3 42	3 30	27 52		n.a.
S 27	9 7	28 57	5 15	18 57	2 21	24 7	2 32	22 50	1 16	24 0	0 39	9 2	2 19	5 9	0 31	6 24	1 56	33 42	10 27	3 42	3 28	27 51		n.a.
S 28	9 28	27 42	5 11	19 21	2 20	24 20	2 33	22 57	1 16	24 0	0 39	9 0	2 19	5 10	0 31	6 24	1 56	33 42	10 27	3 41	3 27	27 50		n.a.
M29	9 49	25 13	4 54	19 42	2 18	24 32	2 34	23 3	1 16	24 0	0 40	8 57	2 19	5 12	0 31	6 23	1 56	33 42	10 27	3 41	3 26	27 49		n.a.
T 30	10n11	21n38	4n24	20n 2	2n15	24n43	2n34	23n 9	1n16	24s 0	0s40	8s55	2s19	5n13	0s31	6s22	1s56	33s43	10s28	3n42	3n25	27n48		n.a.

Julian Day Number = 1202858.5, Delta T = 09h20m45s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'56, Lahiri = -23°32'56 Julian Calendar 1 Apr. 1420 BCE == Greg. Calendar 19 March 1420 BCE

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

MAY 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 44 49	26♈50'59	24♌26	20♉34	10♊ 2	7♊51	11♑45	13♓ 9	14♈15	18♓37	12°R 9	9♈11	8♈24	17♋13	n.a.	W 1
T 2	13 48 46	27°48'07	6♍46	21°46	11° 7	8°27	11°48	13°16	14°18	18°39	12♑ 9	9°12	8°21	17°19	n.a.	T 2
F 3	13 52 42	28°45'15	19°23	22°55	12°12	9° 4	11°50	13°22	14°22	18°40	12° 9	9°14	8°18	17°26	n.a.	F 3
S 4	13 56 39	29°42'21	2♎19	24° 0	13°17	9°41	11°52	13°28	14°25	18°42	12° 9	9°14	8°15	17°33	n.a.	S 4
S 5	14 0 35	0♉39'27	15°36	25° 2	14°22	10°17	11°54	13°34	14°28	18°44	12° 9	9°R14	8°11	17°39	n.a.	S 5
M 6	14 4 32	1°36'33	29°14	26° 1	15°26	10°54	11°55	13°40	14°32	18°46	12° 8	9°13	8° 8	17°46	n.a.	M 6
T 7	14 8 29	2°33'38	13♏10	26°56	16°30	11°31	11°57	13°46	14°35	18°48	12° 8	9°11	8° 5	17°53	n.a.	T 7
W 8	14 12 25	3°30'43	27°21	27°48	17°34	12° 7	11°58	13°52	14°39	18°49	12° 8	9° 8	8° 2	18° 0	n.a.	W 8
T 9	14 16 22	4°27'47	11♐43	28°36	18°38	12°44	11°59	13°58	14°42	18°51	12° 7	9° 5	7°59	18° 6	n.a.	T 9
F 10	14 20 18	5°24'52	26°10	29°20	19°42	13°21	12° 0	14° 4	14°45	18°53	12° 7	9° 2	7°56	18°13	n.a.	F 10
S 11	14 24 15	6°21'56	10♑36	0♊ 1	20°45	13°58	12° 0	14°10	14°49	18°54	12° 7	8°59	7°52	18°20	n.a.	S 11
S 12	14 28 11	7°19'01	24°58	0°37	21°48	14°35	12° 1	14°16	14°52	18°56	12° 6	8°57	7°49	18°26	n.a.	S 12
M13	14 32 8	8°16'05	9♒11	1°10	22°51	15°12	12° 1	14°22	14°55	18°58	12° 6	8°D57	7°46	18°33	n.a.	M13
T 14	14 36 5	9°13'09	23°14	1°38	23°53	15°48	12°R 1	14°27	14°58	18°59	12° 6	8°57	7°43	18°40	n.a.	T 14
W15	14 40 1	10°10'14	7♓ 6	2° 2	24°55	16°25	12° 1	14°33	15° 2	19° 1	12° 5	8°58	7°40	18°47	n.a.	W15
T 16	14 43 58	11° 7'18	20°45	2°21	25°57	17° 2	12° 1	14°38	15° 5	19° 2	12° 5	9° 0	7°36	18°53	n.a.	T 16
F 17	14 47 54	12° 4'23	4♈13	2°36	26°59	17°39	12° 0	14°44	15° 8	19° 4	12° 4	9°R 1	7°33	19° 0	n.a.	F 17
S 18	14 51 51	13° 1'27	17°28	2°46	28° 0	18°16	12° 0	14°49	15°11	19° 5	12° 4	9° 1	7°30	19° 7	n.a.	S 18
S 19	14 55 47	13°58'32	0♉30	2°52	29° 1	18°53	11°59	14°54	15°14	19° 7	12° 3	8°59	7°27	19°14	n.a.	S 19
M20	14 59 44	14°55'37	13°20	2°R54	0♋ 2	19°30	11°58	14°59	15°18	19° 8	12° 2	8°55	7°24	19°20	n.a.	M20
T 21	15 3 40	15°52'42	25°57	2°50	1° 2	20° 8	11°56	15° 5	15°21	19°10	12° 2	8°50	7°21	19°27	n.a.	T 21
W22	15 7 37	16°49'46	8♊22	2°42	2° 2	20°45	11°55	15°10	15°24	19°11	12° 1	8°44	7°17	19°34	n.a.	W22
T 23	15 11 34	17°46'51	20°36	2°30	3° 2	21°22	11°53	15°15	15°27	19°13	12° 1	8°37	7°14	19°40	n.a.	T 23
F 24	15 15 30	18°43'56	2♋40	2°13	4° 1	21°59	11°51	15°20	15°30	19°14	12° 0	8°30	7°11	19°47	n.a.	F 24
S 25	15 19 27	19°41'01	14°37	1°53	5° 1	22°36	11°49	15°24	15°33	19°15	11°59	8°24	7° 8	19°54	n.a.	S 25
S 26	15 23 23	20°38'06	26°29	1°28	5°59	23°13	11°47	15°29	15°36	19°17	11°58	8°20	7° 5	20° 1	n.a.	S 26
M27	15 27 20	21°35'11	8♌22	1° 0	6°57	23°51	11°45	15°34	15°39	19°18	11°58	8°17	7° 2	20° 7	n.a.	M27
T 28	15 31 16	22°32'15	20°18	0°29	7°55	24°28	11°42	15°38	15°42	19°19	11°57	8°D16	6°58	20°14	n.a.	T 28
W29	15 35 13	23°29'20	2♍23	29♉55	8°53	25° 5	11°39	15°43	15°45	19°20	11°56	8°17	6°55	20°21	n.a.	W29
T 30	15 39 10	24°26'25	14°42	29°19	9°50	25°42	11°37	15°47	15°48	19°22	11°55	8°18	6°52	20°27	n.a.	T 30
F 31	15 43 6	25♉23'29	27♍20	28♉42	10♋46	26♊20	11♑33	15♓52	15♈51	19♓23	11♑55	8♈19	6♈49	20♋34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	10n32	17n 6	3n42	20n19	2n12	24n54	2n35	23n16	1n16	24s 0	0s40	8s52	2s19	5n14	0s31	6s21	1s56	33s43	10s28	3n42	3n23	27n46			n.a.
T 2	10 53	11 48	2 49	20 35	2 7	25 5	2 36	23 22	1 16	24 0	0 40	8 50	2 20	5 16	0 31	6 21	1 56	33 43	10 28	3 43	3 22	27 45			n.a.
F 3	11 13	5 55	1 47	20 48	2 2	25 14	2 36	23 28	1 16	24 0	0 41	8 48	2 20	5 17	0 31	6 20	1 56	33 44	10 29	3 43	3 21	27 44			n.a.
S 4	11 34	0s21	0 38	20 59	1 57	25 23	2 37	23 33	1 16	24 0	0 41	8 46	2 20	5 18	0 31	6 19	1 56	33 44	10 29	3 43	3 20	27 43			n.a.
S 5	11 54	6 47	0s35	21 9	1 50	25 32	2 37	23 39	1 16	24 0	0 41	8 43	2 20	5 20	0 31	6 19	1 56	33 44	10 29	3 43	3 18	27 42			n.a.
M 6	12 15	13 4	1 48	21 16	1 43	25 39	2 37	23 44	1 16	24 0	0 41	8 41	2 20	5 21	0 31	6 18	1 56	33 45	10 30	3 43	3 17	27 41			n.a.
T 7	12 35	18 51	2 56	21 22	1 35	25 46	2 37	23 49	1 16	24 1	0 42	8 39	2 21	5 22	0 31	6 17	1 56	33 45	10 30	3 42	3 16	27 40			n.a.
W 8	12 54	23 42	3 54	21 25	1 26	25 53	2 37	23 55	1 16	24 1	0 42	8 37	2 21	5 24	0 31	6 17	1 57	33 45	10 30	3 41	3 14	27 39			n.a.
T 9	13 14	27 11	4 38	21 27	1 17	25 58	2 37	23 59	1 16	24 1	0 42	8 35	2 21	5 25	0 31	6 16	1 57	33 46	10 30	3 40	3 13	27 38			n.a.
F 10	13 34	28 53	5 5	21 27	1 7	26 3	2 37	24 4	1 16	24 1	0 43	8 32	2 21	5 26	0 31	6 15	1 57	33 46	10 31	3 38	3 12	27 37			n.a.
S 11	13 53	28 38	5 13	21 25	0 56	26 8	2 36	24 9	1 16	24 1	0 43	8 30	2 21	5 28	0 31	6 15	1 57	33 46	10 31	3 37	3 11	27 36			n.a.
S 12	14 12	26 27	5 1	21 22	0 45	26 12	2 36	24 13	1 16	24 2	0 43	8 28	2 22	5 29	0 31	6 14	1 57	33 47	10 31	3 37	3 9	27 35			n.a.
M13	14 31	22 37	4 31	21 17	0 32	26 15	2 35	24 17	1 16	24 2	0 43	8 26	2 22	5 30	0 31	6 14	1 57	33 47	10 32	3 36	3 8	27 33			n.a.
T 14	14 49	17 32	3 44	21 10	0 20	26 17	2 34	24 22	1 16	24 2	0 44	8 24	2 22	5 31	0 31	6 13	1 57	33 47	10 32	3 37	3 7	27 32			n.a.
W15	15 8	11 37	2 45	21 2	0 6	26 19	2 33	24 26	1 16	24 2	0 44	8 22	2 22	5 33	0 31	6 12	1 57	33 48	10 32	3 37	3 6	27 31			n.a.
T 16	15 26	5 13	1 38	20 53	0s 8	26 20	2 32	24 29	1 16	24 3	0 44	8 20	2 23	5 34	0 31	6 12	1 57	33 48	10 33	3 38	3 4	27 30			n.a.
F 17	15 44	1n18	0 26	20 41	0 22	26 20	2 31	24 33	1 16	24 3	0 44	8 18	2 23	5 35	0 31	6 11	1 57	33 48	10 33	3 38	3 3	27 29			n.a.
S 18	16 1	7 41	0n46	20 29	0 37	26 20	2 29	24 36	1 16	24 3	0 45	8 16	2 23	5 36	0 31	6 11	1 57	33 49	10 33	3 38	3 2	27 28			n.a.
S 19	16 19	13 38	1 54	20 15	0 52	26 19	2 28	24 39	1 16	24 4	0 45	8 15	2 23	5 38	0 31	6 10	1 57	33 49	10 33	3 37	3 0	27 26			n.a.
M20	16 36	18 54	2 56	20 0	1 8	26 18	2 26	24 43	1 16	24 4	0 45	8 13	2 23	5 39	0 31	6 10	1 57	33 49	10 34	3 36	2 59	27 25			n.a.
T 21	16 53	23 16	3 47	19 44	1 24	26 16	2 24	24 45	1 16	24 4	0 46	8 11	2 24	5 40	0 31	6 9	1 57	33 50	10 34	3 34	2 58	27 24			n.a.
W22	17 10	26 29	4 27	19 27	1 39	26 13	2 22	24 48	1 16	24 5	0 46	8 9	2 24	5 41	0 31	6 9	1 57	33 50	10 34	3 31	2 57	27 23			n.a.
T 23	17 26	28 25	4 54	19 9	1 55	26 10	2 20	24 51	1 16	24 5	0 46	8 7	2 24	5 43	0 31	6 8	1 57	33 50	10 35	3 29	2 55	27 22			n.a.
F 24	17 42	28 58	5 7	18 50	2 11	26 6	2 18	24 53	1 16	24 6	0 46	8 6	2 24	5 44	0 31	6 8	1 57	33 51	10 35	3 26	2 54	27 20			n.a.
S 25	17 58	28 8	5 7	18 30	2 27	26 1	2 15	24 55	1 16	24 6	0 47	8 4	2 25	5 45	0 31	6 7	1 57	33 51	10 35	3 23	2 53	27 19			n.a.
S 26	18 14	26 2	4 54	18 11	2 42	25 56	2 12	24 57	1 16	24 7	0 47	8 2	2 25	5 46	0 31	6 7	1 58	33 51	10 35	3 22	2 51	27 18			n.a.
M27	18 29	22 48	4 28	17 50	2 57	25 50	2 10	24 59	1 16	24 7	0 47	8 1	2 25	5 47	0 31	6 6	1 58	33 52	10 36	3 21	2 50	27 17			n.a.
T 28	18 44	18 36	3 50	17 30	3 11	25 44	2 7	25 1	1 16	24 8	0 47	7 59	2 25	5 48	0 31	6 6	1 58	33 52	10 36	3 20	2 49	27 15			n.a.
W29	18 59	13 38	3 2	17 10	3 24	25 37	2 3	25 2	1 16	24 8	0 48	7 58	2 26	5 50	0 31	6 5	1 58	33 52	10 36	3 20	2 48	27 14			n.a.
T 30	19 13	8 2	2 4	16 50	3 36	25 29	2 0	25 3	1 16	24 9	0 48	7 56	2 26	5 51	0 31	6 5	1 58	33 53	10 36	3 21	2 46	27 13			n.a.
F 31	19n27	1n59	0n59	16n31	3s48	25n21	1n57	25n 5	1n16	24s 9	0s48	7s55	2s26	5n52	0s31	6s 5	1s58	33s53	10s37	3n21	2n45	27n12			n.a.

Julian Day Number = 1202888.5, Delta T = 09h20m43s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'52, Lahiri = -23°32'52 Julian Calendar 1 May 1420 BCE == Greg. Calendar 18 Apr. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

JUNE 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 47 3	26♉20'34	10♎20	28°R 3	11♋42	26♊57	11°R30	15♓56	15♈54	19♓24	11°R54	8°R19	6♈46	20♋41	n.a.	S 1
S 2	15 50 59	27°17'39	23°45	27♉24	12°38	27°34	11♏27	16° 0	15°56	19°25	11♏53	8♈18	6°42	20°48	n.a.	S 2
M 3	15 54 56	28°14'45	7♏36	26°46	13°33	28°12	11°23	16° 4	15°59	19°26	11°52	8°15	6°39	20°54	n.a.	M 3
T 4	15 58 52	29°11'51	21°52	26° 9	14°27	28°49	11°19	16° 8	16° 2	19°27	11°51	8°10	6°36	21° 1	n.a.	T 4
W 5	16 2 49	0♊ 8'57	6♐27	25°33	15°21	29°27	11°15	16°12	16° 5	19°28	11°50	8° 3	6°33	21° 8	n.a.	W 5
T 6	16 6 45	1° 6'04	21°15	25° 0	16°15	0♋ 4	11°11	16°16	16° 7	19°29	11°49	7°55	6°30	21°15	n.a.	T 6
F 7	16 10 42	2° 3'12	6♑ 8	24°30	17° 8	0°42	11° 7	16°20	16°10	19°30	11°49	7°48	6°27	21°21	n.a.	F 7
S 8	16 14 39	3° 0'21	20°56	24° 3	18° 0	1°19	11° 2	16°23	16°13	19°31	11°48	7°41	6°23	21°28	n.a.	S 8
S 9	16 18 35	3°57'30	5♒34	23°40	18°51	1°57	10°57	16°27	16°15	19°32	11°47	7°36	6°20	21°35	n.a.	S 9
M10	16 22 32	4°54'40	19°56	23°22	19°43	2°34	10°52	16°30	16°18	19°33	11°46	7°33	6°17	21°41	n.a.	M10
T 11	16 26 28	5°51'52	3♓59	23° 9	20°33	3°12	10°47	16°34	16°20	19°33	11°45	7°D32	6°14	21°48	n.a.	T 11
W12	16 30 25	6°49'04	17°43	23° 1	21°23	3°49	10°42	16°37	16°23	19°34	11°44	7°32	6°11	21°55	n.a.	W12
T 13	16 34 21	7°46'17	1♈ 8	22°D59	22°12	4°27	10°37	16°40	16°25	19°35	11°43	7°R33	6° 8	22° 2	n.a.	T 13
F 14	16 38 18	8°43'32	14°18	23° 2	23° 0	5° 5	10°32	16°43	16°28	19°36	11°42	7°33	6° 4	22° 8	n.a.	F 14
S 15	16 42 15	9°40'47	27°13	23°11	23°47	5°42	10°26	16°46	16°30	19°37	11°40	7°31	6° 1	22°15	n.a.	S 15
S 16	16 46 11	10°38'04	9♉56	23°25	24°34	6°20	10°20	16°49	16°33	19°37	11°39	7°27	5°58	22°22	n.a.	S 16
M17	16 50 8	11°35'22	22°28	23°46	25°20	6°58	10°14	16°52	16°35	19°38	11°38	7°20	5°55	22°28	n.a.	M17
T 18	16 54 4	12°32'41	4♊50	24°13	26° 5	7°36	10° 8	16°55	16°37	19°38	11°37	7°11	5°52	22°35	n.a.	T 18
W19	16 58 1	13°30'01	17° 3	24°46	26°49	8°14	10° 2	16°57	16°40	19°39	11°36	6°59	5°48	22°42	n.a.	W19
T 20	17 1 57	14°27'22	29° 9	25°25	27°33	8°51	9°56	17° 0	16°42	19°40	11°35	6°47	5°45	22°49	n.a.	T 20
F 21	17 5 54	15°24'43	11♋ 7	26°10	28°15	9°29	9°49	17° 2	16°44	19°40	11°34	6°35	5°42	22°55	n.a.	F 21
S 22	17 9 50	16°22'06	23° 1	27° 1	28°56	10° 7	9°43	17° 5	16°46	19°41	11°33	6°24	5°39	23° 2	n.a.	S 22
S 23	17 13 47	17°19'30	4♌51	27°58	29°37	10°45	9°36	17° 7	16°48	19°41	11°32	6°15	5°36	23° 9	n.a.	S 23
M24	17 17 44	18°16'55	16°42	29° 0	0♌16	11°23	9°29	17° 9	16°50	19°41	11°30	6° 8	5°33	23°15	n.a.	M24
T 25	17 21 40	19°14'20	28°36	0♊ 8	0°54	12° 1	9°23	17°11	16°52	19°42	11°29	6° 4	5°29	23°22	n.a.	T 25
W26	17 25 37	20°11'47	10♍39	1°22	1°31	12°39	9°16	17°13	16°54	19°42	11°28	6° 2	5°26	23°29	n.a.	W26
T 27	17 29 33	21° 9'14	22°55	2°41	2° 7	13°17	9° 9	17°15	16°56	19°43	11°27	6°D 2	5°23	23°36	n.a.	T 27
F 28	17 33 30	22° 6'42	5♎29	4° 5	2°41	13°55	9° 1	17°16	16°58	19°43	11°26	6°R 2	5°20	23°42	n.a.	F 28
S 29	17 37 26	23° 4'12	18°27	5°33	3°15	14°34	8°54	17°18	17° 0	19°43	11°24	6° 2	5°17	23°49	n.a.	S 29
S 30	17 41 23	24♊ 1'42	1♏51	7♊ 6	3♌46	15♋12	8♑47	17♓19	17♈ 2	19♓43	11♑23	6♈ 0	5♈14	23♋56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n41	4s20	0s11	16n13	3s58	25n13	1n53	25n 5	1n16	24s10	0s49	7s53	2s26	5n53	0s31	6s 4	1s58	33s53	10s37	3n21	2n44	27n10		n.a.
S 2	19 54	10 39	1 22	15 56	4 6	25 4	1 49	25 6	1 16	24 10	0 49	7 52	2 27	5 54	0 31	6 4	1 58	33 54	10 37	3 21	2 43	27 9		n.a.
M 3	20 7	16 40	2 31	15 40	4 13	24 54	1 45	25 7	1 16	24 11	0 49	7 50	2 27	5 55	0 31	6 3	1 58	33 54	10 37	3 20	2 41	27 8		n.a.
T 4	20 20	21 57	3 32	15 26	4 19	24 44	1 41	25 7	1 16	24 11	0 49	7 49	2 27	5 56	0 31	6 3	1 58	33 54	10 38	3 18	2 40	27 7		n.a.
W 5	20 33	26 3	4 21	15 14	4 23	24 33	1 36	25 7	1 15	24 12	0 50	7 48	2 28	5 57	0 31	6 3	1 58	33 55	10 38	3 15	2 39	27 5		n.a.
T 6	20 45	28 26	4 53	15 4	4 26	24 22	1 32	25 7	1 15	24 13	0 50	7 46	2 28	5 58	0 31	6 2	1 58	33 55	10 38	3 12	2 37	27 4		n.a.
F 7	20 56	28 48	5 5	14 55	4 27	24 11	1 27	25 7	1 15	24 13	0 50	7 45	2 28	5 59	0 31	6 2	1 58	33 55	10 38	3 9	2 36	27 3		n.a.
S 8	21 8	27 6	4 57	14 49	4 26	23 59	1 22	25 7	1 15	24 14	0 50	7 44	2 28	6 0	0 31	6 2	1 58	33 56	10 39	3 6	2 35	27 1		n.a.
S 9	21 19	23 34	4 30	14 46	4 24	23 46	1 17	25 6	1 15	24 15	0 51	7 43	2 29	6 1	0 31	6 2	1 58	33 56	10 39	3 4	2 34	27 0		n.a.
M10	21 30	18 40	3 46	14 45	4 20	23 34	1 11	25 5	1 15	24 15	0 51	7 42	2 29	6 2	0 31	6 1	1 58	33 56	10 39	3 3	2 32	26 59		n.a.
T 11	21 40	12 51	2 49	14 46	4 15	23 21	1 6	25 4	1 15	24 16	0 51	7 41	2 29	6 3	0 31	6 1	1 59	33 57	10 39	3 2	2 31	26 57		n.a.
W12	21 50	6 32	1 44	14 50	4 9	23 7	1 0	25 3	1 15	24 17	0 51	7 40	2 29	6 4	0 31	6 1	1 59	33 57	10 40	3 2	2 30	26 56		n.a.
T 13	22 0	0 4	0 34	14 57	4 2	22 53	0 54	25 2	1 15	24 17	0 52	7 39	2 30	6 5	0 31	6 0	1 59	33 57	10 40	3 3	2 28	26 54		n.a.
F 14	22 9	6n17	0n36	15 6	3 53	22 39	0 48	25 1	1 15	24 18	0 52	7 38	2 30	6 6	0 31	6 0	1 59	33 58	10 40	3 3	2 27	26 53		n.a.
S 15	22 18	12 15	1 43	15 18	3 43	22 24	0 41	24 59	1 15	24 19	0 52	7 37	2 30	6 7	0 31	6 0	1 59	33 58	10 40	3 2	2 26	26 52		n.a.
S 16	22 26	17 38	2 43	15 32	3 33	22 9	0 34	24 57	1 14	24 19	0 52	7 36	2 31	6 8	0 31	6 0	1 59	33 58	10 40	3 0	2 25	26 50		n.a.
M17	22 34	22 10	3 35	15 48	3 22	21 54	0 27	24 55	1 14	24 20	0 53	7 35	2 31	6 9	0 31	6 0	1 59	33 58	10 41	2 58	2 23	26 49		n.a.
T 18	22 42	25 40	4 16	16 6	3 10	21 38	0 20	24 53	1 14	24 21	0 53	7 34	2 31	6 10	0 31	5 59	1 59	33 59	10 41	2 54	2 22	26 47		n.a.
W19	22 49	27 56	4 44	16 26	2 57	21 23	0 13	24 50	1 14	24 22	0 53	7 33	2 31	6 11	0 31	5 59	1 59	33 59	10 41	2 49	2 21	26 46		n.a.
T 20	22 56	28 51	4 59	16 49	2 44	21 7	0 5	24 48	1 14	24 22	0 53	7 33	2 32	6 12	0 31	5 59	1 59	33 59	10 41	2 44	2 20	26 45		n.a.
F 21	23 3	28 23	5 1	17 12	2 30	20 50	0s 2	24 45	1 14	24 23	0 54	7 32	2 32	6 12	0 31	5 59	1 59	34 0	10 41	2 40	2 18	26 43		n.a.
S 22	23 9	26 36	4 49	17 38	2 16	20 34	0 10	24 42	1 14	24 24	0 54	7 31	2 32	6 13	0 31	5 59	1 59	34 0	10 42	2 35	2 17	26 42		n.a.
S 23	23 15	23 40	4 25	18 5	2 2	20 17	0 19	24 39	1 14	24 24	0 54	7 31	2 33	6 14	0 32	5 59	1 59	34 0	10 42	2 31	2 16	26 40		n.a.
M24	23 20	19 45	3 50	18 32	1 48	20 1	0 27	24 35	1 14	24 25	0 54	7 30	2 33	6 15	0 32	5 59	1 59	34 0	10 42	2 29	2 14	26 39		n.a.
T 25	23 25	15 2	3 4	19 1	1 33	19 44	0 36	24 32	1 13	24 26	0 54	7 30	2 33	6 16	0 32	5 59	2 0	34 1	10 42	2 27	2 13	26 37		n.a.
W26	23 30	9 42	2 10	19 31	1 19	19 27	0 45	24 28	1 13	24 27	0 55	7 29	2 34	6 16	0 32	5 58	2 0	34 1	10 42	2 26	2 12	26 36		n.a.
T 27	23 34	3 55	1 9	20 1	1 5	19 10	0 54	24 24	1 13	24 27	0 55	7 29	2 34	6 17	0 32	5 58	2 0	34 1	10 42	2 26	2 11	26 34		n.a.
F 28	23 37	2s10	0 3	20 31	0 51	18 52	1 4	24 20	1 13	24 28	0 55	7 28	2 34	6 18	0 32	5 58	2 0	34 2	10 42	2 26	2 9	26 33		n.a.
S 29	23 41	8 21	1s 5	21 1	0 37	18 35	1 14	24 16	1 13	24 29	0 55	7 28	2 34	6 19	0 32	5 58	2 0	34 2	10 43	2 26	2 8	26 31		n.a.
S 30	23n44	14s23	2s12	21n30	0s23	18n18	1s24	24n11	1n13	24s29	0s56	7s28	2s35	6n19	0s32	5s58	2s 0	34s 2	10s43	2n25	2n 7	26n30		n.a.

Julian Day Number = 1202919.5, Delta T = 09h20m41s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'48, Lahiri = -23°32'47 Julian Calendar 1 June 1420 BCE == Greg. Calendar 19 May 1420 BCE

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

JULY 1420 BCE (-1419) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 45 19	24♊59'14	15♏45	8♊44	4♌17	15♋50	8°R39	17♓21	17♈ 4	19♓43	11°R22	5°R55	5♈10	24♋ 2	n.a.	M 1
T 2	17 49 16	25°56'47	0♐ 8	10°25	4°46	16°28	8♑32	17°22	17° 5	19°44	11♑21	5♈48	5° 7	24° 9	n.a.	T 2
W 3	17 53 13	26°54'21	14°56	12°10	5°13	17° 6	8°24	17°23	17° 7	19°44	11°19	5°39	5° 4	24°16	n.a.	W 3
T 4	17 57 9	27°51'56	0♑ 1	13°59	5°39	17°45	8°17	17°24	17° 9	19°44	11°18	5°28	5° 1	24°23	n.a.	T 4
F 5	18 1 6	28°49'33	15°14	15°50	6° 4	18°23	8° 9	17°25	17°10	19°44	11°17	5°17	4°58	24°29	n.a.	F 5
S 6	18 5 2	29°47'12	0♒23	17°44	6°26	19° 1	8° 2	17°26	17°12	19°R44	11°16	5° 8	4°54	24°36	n.a.	S 6
S 7	18 8 59	0♋44'52	15°20	19°40	6°47	19°40	7°54	17°27	17°13	19°44	11°14	5° 0	4°51	24°43	n.a.	S 7
M 8	18 12 55	1°42'34	29°55	21°37	7° 6	20°18	7°46	17°27	17°15	19°44	11°13	4°56	4°48	24°50	n.a.	M 8
T 9	18 16 52	2°40'17	14♓ 7	23°36	7°23	20°56	7°38	17°28	17°16	19°44	11°12	4°53	4°45	24°56	n.a.	T 9
W10	18 20 49	3°38'02	27°53	25°36	7°38	21°35	7°30	17°28	17°18	19°44	11°10	4°53	4°42	25° 3	n.a.	W10
T 11	18 24 45	4°35'50	11♈16	27°36	7°52	22°13	7°23	17°29	17°19	19°44	11° 9	4°53	4°39	25°10	n.a.	T 11
F 12	18 28 42	5°33'39	24°17	29°37	8° 3	22°52	7°15	17°29	17°20	19°43	11° 8	4°52	4°35	25°16	n.a.	F 12
S 13	18 32 38	6°31'30	7♉ 1	1♋37	8°12	23°30	7° 7	17°R29	17°21	19°43	11° 6	4°49	4°32	25°23	n.a.	S 13
S 14	18 36 35	7°29'23	19°31	3°38	8°19	24° 9	6°59	17°29	17°23	19°43	11° 5	4°44	4°29	25°30	n.a.	S 14
M15	18 40 31	8°27'18	1♊50	5°38	8°24	24°48	6°51	17°29	17°24	19°43	11° 4	4°36	4°26	25°37	n.a.	M15
T 16	18 44 28	9°25'15	14° 0	7°38	8°27	25°26	6°43	17°29	17°25	19°42	11° 3	4°26	4°23	25°43	n.a.	T 16
W17	18 48 24	10°23'14	26° 3	9°37	8°R27	26° 5	6°35	17°28	17°26	19°42	11° 1	4°13	4°20	25°50	n.a.	W17
T 18	18 52 21	11°21'14	8♋ 1	11°35	8°25	26°44	6°28	17°28	17°27	19°42	11° 0	3°59	4°16	25°57	n.a.	T 18
F 19	18 56 18	12°19'17	19°54	13°32	8°21	27°22	6°20	17°27	17°28	19°41	10°59	3°45	4°13	26° 3	n.a.	F 19
S 20	19 0 14	13°17'21	1♌46	15°28	8°14	28° 1	6°12	17°27	17°29	19°41	10°57	3°32	4°10	26°10	n.a.	S 20
S 21	19 4 11	14°15'27	13°36	17°23	8° 5	28°40	6° 4	17°26	17°30	19°40	10°56	3°22	4° 7	26°17	n.a.	S 21
M22	19 8 7	15°13'34	25°27	19°17	7°54	29°19	5°57	17°25	17°30	19°40	10°55	3°14	4° 4	26°24	n.a.	M22
T 23	19 12 4	16°11'44	7♍22	21° 9	7°40	29°58	5°49	17°24	17°31	19°39	10°53	3° 8	4° 0	26°30	n.a.	T 23
W24	19 16 0	17° 9'54	19°25	23° 1	7°24	0♌37	5°41	17°23	17°32	19°39	10°52	3° 6	3°57	26°37	n.a.	W24
T 25	19 19 57	18° 8'07	1♎40	24°51	7° 6	1°16	5°34	17°22	17°32	19°38	10°51	3°D 5	3°54	26°44	n.a.	T 25
F 26	19 23 53	19° 6'21	14°12	26°40	6°45	1°55	5°26	17°20	17°33	19°38	10°50	3°R 5	3°51	26°50	n.a.	F 26
S 27	19 27 50	20° 4'37	27° 5	28°28	6°23	2°34	5°19	17°19	17°34	19°37	10°48	3° 5	3°48	26°57	n.a.	S 27
S 28	19 31 46	21° 2'54	10♏24	0♌15	5°58	3°13	5°12	17°17	17°34	19°36	10°47	3° 4	3°45	27° 4	n.a.	S 28
M29	19 35 43	22° 1'13	24°11	2° 0	5°31	3°52	5° 4	17°16	17°34	19°36	10°46	3° 0	3°41	27°11	n.a.	M29
T 30	19 39 40	22°59'34	8♐29	3°45	5° 2	4°31	4°57	17°14	17°35	19°35	10°44	2°54	3°38	27°17	n.a.	T 30
W31	19 43 36	23♋57'57	23♐14	5♌28	4♌32	5♌10	4♑50	17♓12	17♈35	19♓34	10♑43	2♈46	3♈35	27♋24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n46	19s56	3s13	21n59	0s10	18n 1	1s34	24n 6	1n13	24s30	0s56	7s27	2s35	6n20	0s32	5s58	2s 0	34s 2	10s43	2n23	2n 5	26n28			n.a.
T 2	23 48	24 31	4 5	22 27	0n 3	17 44	1 44	24 2	1 12	24 31	0 56	7 27	2 35	6 21	0 32	5 58	2 0	34 3	10 43	2 21	2 4	26 27			n.a.
W 3	23 50	27 39	4 41	22 54	0 15	17 27	1 55	23 57	1 12	24 32	0 56	7 27	2 36	6 21	0 32	5 58	2 0	34 3	10 43	2 17	2 3	26 25			n.a.
T 4	23 51	28 51	4 59	23 19	0 26	17 10	2 6	23 51	1 12	24 32	0 56	7 27	2 36	6 22	0 32	5 58	2 0	34 3	10 43	2 13	2 2	26 24			n.a.
F 5	23 52	27 52	4 56	23 42	0 37	16 53	2 17	23 46	1 12	24 33	0 56	7 27	2 36	6 22	0 32	5 58	2 0	34 3	10 43	2 8	2 0	26 22			n.a.
S 6	23 52	24 51	4 32	24 4	0 47	16 36	2 29	23 40	1 12	24 34	0 57	7 27	2 37	6 23	0 32	5 58	2 0	34 4	10 43	2 4	1 59	26 21			n.a.
S 7	23 52	20 10	3 50	24 23	0 56	16 19	2 40	23 35	1 12	24 34	0 57	7 27	2 37	6 24	0 32	5 58	2 0	34 4	10 44	2 1	1 58	26 19			n.a.
M 8	23 51	14 23	2 53	24 40	1 5	16 3	2 52	23 29	1 11	24 35	0 57	7 27	2 37	6 24	0 32	5 59	2 0	34 4	10 44	1 59	1 56	26 18			n.a.
T 9	23 50	8 0	1 47	24 55	1 13	15 47	3 4	23 22	1 11	24 35	0 57	7 27	2 38	6 25	0 32	5 59	2 1	34 4	10 44	1 59	1 55	26 16			n.a.
W10	23 49	1 25	0 37	25 7	1 20	15 31	3 16	23 16	1 11	24 36	0 57	7 27	2 38	6 25	0 32	5 59	2 1	34 4	10 44	1 58	1 54	26 14			n.a.
T 11	23 47	5n 3	0n34	25 16	1 26	15 16	3 29	23 10	1 11	24 37	0 58	7 27	2 38	6 26	0 32	5 59	2 1	34 5	10 44	1 58	1 53	26 13			n.a.
F 12	23 45	11 8	1 41	25 23	1 31	15 1	3 42	23 3	1 11	24 37	0 58	7 27	2 38	6 26	0 32	5 59	2 1	34 5	10 44	1 58	1 51	26 11			n.a.
S 13	23 42	16 38	2 41	25 27	1 36	14 46	3 54	22 56	1 11	24 38	0 58	7 28	2 39	6 27	0 32	5 59	2 1	34 5	10 44	1 57	1 50	26 10			n.a.
S 14	23 39	21 19	3 32	25 28	1 40	14 32	4 7	22 49	1 10	24 38	0 58	7 28	2 39	6 27	0 32	5 59	2 1	34 5	10 44	1 55	1 49	26 8			n.a.
M15	23 35	25 1	4 13	25 27	1 43	14 18	4 20	22 42	1 10	24 39	0 58	7 28	2 39	6 27	0 32	6 0	2 1	34 5	10 44	1 52	1 47	26 6			n.a.
T 16	23 31	27 32	4 41	25 23	1 45	14 4	4 34	22 35	1 10	24 40	0 58	7 28	2 40	6 28	0 32	6 0	2 1	34 6	10 44	1 47	1 46	26 5			n.a.
W17	23 27	28 45	4 56	25 17	1 47	13 51	4 47	22 27	1 10	24 40	0 58	7 29	2 40	6 28	0 32	6 0	2 1	34 6	10 44	1 42	1 45	26 3			n.a.
T 18	23 22	28 35	4 59	25 8	1 48	13 39	5 0	22 19	1 10	24 41	0 58	7 29	2 40	6 29	0 32	6 0	2 1	34 6	10 44	1 37	1 44	26 2			n.a.
F 19	23 17	27 6	4 48	24 57	1 48	13 27	5 14	22 11	1 9	24 41	0 59	7 30	2 41	6 29	0 32	6 0	2 1	34 6	10 45	1 31	1 42	26 0			n.a.
S 20	23 11	24 25	4 25	24 44	1 48	13 16	5 27	22 3	1 9	24 42	0 59	7 30	2 41	6 29	0 32	6 1	2 1	34 6	10 45	1 26	1 41	25 58			n.a.
S 21	23 5	20 42	3 50	24 29	1 47	13 6	5 40	21 55	1 9	24 42	0 59	7 31	2 41	6 30	0 32	6 1	2 1	34 6	10 45	1 22	1 40	25 57			n.a.
M22	22 59	16 10	3 5	24 11	1 46	12 56	5 53	21 47	1 9	24 43	0 59	7 32	2 41	6 30	0 32	6 1	2 1	34 7	10 45	1 18	1 39	25 55			n.a.
T 23	22 52	10 59	2 12	23 52	1 44	12 47	6 6	21 38	1 9	24 43	0 59	7 32	2 42	6 30	0 32	6 1	2 1	34 7	10 45	1 16	1 37	25 53			n.a.
W24	22 44	5 21	1 12	23 31	1 41	12 38	6 19	21 29	1 8	24 43	0 59	7 33	2 42	6 30	0 32	6 2	2 2	34 7	10 45	1 15	1 36	25 52			n.a.
T 25	22 37	0s34	0 8	23 9	1 38	12 31	6 32	21 20	1 8	24 44	0 59	7 34	2 42	6 31	0 32	6 2	2 2	34 7	10 45	1 15	1 35	25 50			n.a.
F 26	22 29	6 36	0s59	22 45	1 35	12 24	6 44	21 11	1 8	24 44	0 59	7 34	2 43	6 31	0 32	6 2	2 2	34 7	10 45	1 15	1 33	25 48			n.a.
S 27	22 20	12 32	2 4	22 20	1 32	12 18	6 56	21 2	1 8	24 45	0 59	7 35	2 43	6 31	0 32	6 3	2 2	34 7	10 45	1 15	1 32	25 47			n.a.
S 28	22 11	18 6	3 4	21 53	1 27	12 13	7 7	20 53	1 8	24 45	1 0	7 36	2 43	6 31	0 32	6 3	2 2	34 7	10 45	1 14	1 31	25 45			n.a.
M29	22 2	22 58	3 56	21 25	1 23	12 9	7 18	20 43	1 7	24 45	1 0	7 37	2 43	6 31	0 32	6 3	2 2	34 7	10 45	1 13	1 30	25 43			n.a.
T 30	21 52	26 38	4 36	20 56	1 18	12 5	7 29	20 33	1 7	24 46	1 0	7 38	2 44	6 31	0 32	6 4	2 2	34 8	10 45	1 10	1 28	25 41			n.a.
W31	21n42	28s39	4s58	20n25	1n13	12n 3	7s39	20n23	1n 7	24s46	1s 0	7s39	2s44	6n32	0s32	6s 4	2s 2	34s 8	10s45	1n 7	1n27	25n40			n.a.

Julian Day Number = 1202949.5, Delta T = 09h20m40s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'44, Lahiri = -23°32'43 Julian Calendar 1 July 1420 BCE == Greg. Calendar 18 June 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

AUGUST 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 47 33	24♋56'22	8♉20	7♌10	4°R 0	5♌50	4°R43	17°R10	17♈36	19°R33	10°R42	2°R36	3♈32	27♋31	n.a.	T 1
F 2	19 51 29	25°54'48	23°38	8°51	3♌26	6°29	4♉36	17♓ 8	17°36	19♓32	10♉41	2♈27	3°29	27°37	n.a.	F 2
S 3	19 55 26	26°53'17	8♒58	10°31	2°52	7° 8	4°30	17° 6	17°36	19°32	10°39	2°18	3°26	27°44	n.a.	S 3
S 4	19 59 22	27°51'48	24° 7	12° 9	2°17	7°47	4°23	17° 4	17°36	19°31	10°38	2°11	3°22	27°51	n.a.	S 4
M 5	20 3 19	28°50'20	8♓56	13°47	1°41	8°27	4°17	17° 2	17°36	19°30	10°37	2° 6	3°19	27°58	n.a.	M 5
T 6	20 7 15	29°48'55	23°20	15°23	1° 4	9° 6	4°10	16°59	17°R36	19°29	10°36	2° 4	3°16	28° 4	n.a.	T 6
W 7	20 11 12	0♌47'33	7♈15	16°59	0°27	9°46	4° 4	16°57	17°36	19°28	10°34	2°D 4	3°13	28°11	n.a.	W 7
T 8	20 15 9	1°46'13	20°43	18°33	29♋51	10°25	3°58	16°54	17°36	19°27	10°33	2° 5	3°10	28°18	n.a.	T 8
F 9	20 19 5	2°44'55	3♉46	20° 7	29°14	11° 5	3°52	16°51	17°36	19°26	10°32	2°R 5	3° 6	28°24	n.a.	F 9
S 10	20 23 2	3°43'39	16°28	21°39	28°38	11°44	3°46	16°49	17°36	19°25	10°31	2° 4	3° 3	28°31	n.a.	S 10
S 11	20 26 58	4°42'26	28°53	23°10	28° 3	12°24	3°40	16°46	17°36	19°24	10°30	2° 1	3° 0	28°38	n.a.	S 11
M12	20 30 55	5°41'16	11♊ 5	24°41	27°29	13° 3	3°35	16°43	17°35	19°23	10°28	1°56	2°57	28°44	n.a.	M12
T 13	20 34 51	6°40'08	23° 8	26°10	26°56	13°43	3°29	16°40	17°35	19°21	10°27	1°49	2°54	28°51	n.a.	T 13
W14	20 38 48	7°39'02	5♋ 4	27°38	26°24	14°23	3°24	16°36	17°35	19°20	10°26	1°39	2°51	28°58	n.a.	W14
T 15	20 42 44	8°37'59	16°57	29° 5	25°54	15° 3	3°19	16°33	17°34	19°19	10°25	1°29	2°47	29° 5	n.a.	T 15
F 16	20 46 41	9°36'57	28°48	0♍32	25°25	15°42	3°14	16°30	17°34	19°18	10°24	1°19	2°44	29°11	n.a.	F 16
S 17	20 50 38	10°35'58	10♌40	1°57	24°59	16°22	3° 9	16°27	17°33	19°17	10°23	1° 9	2°41	29°18	n.a.	S 17
S 18	20 54 34	11°35'02	22°33	3°21	24°34	17° 2	3° 4	16°23	17°33	19°15	10°22	1° 1	2°38	29°25	n.a.	S 18
M19	20 58 31	12°34'07	4♍29	4°43	24°12	17°42	3° 0	16°19	17°32	19°14	10°21	0°55	2°35	29°31	n.a.	M19
T 20	21 2 27	13°33'14	16°31	6° 5	23°51	18°22	2°56	16°16	17°31	19°13	10°20	0°52	2°32	29°38	n.a.	T 20
W21	21 6 24	14°32'23	28°40	7°25	23°33	19° 2	2°52	16°12	17°30	19°12	10°19	0°D51	2°28	29°45	n.a.	W21
T 22	21 10 20	15°31'35	11♎ 1	8°45	23°18	19°42	2°48	16° 8	17°30	19°10	10°18	0°51	2°25	29°52	n.a.	T 22
F 23	21 14 17	16°30'48	23°36	10° 2	23° 4	20°22	2°44	16° 4	17°29	19° 9	10°17	0°53	2°22	29°58	n.a.	F 23
S 24	21 18 13	17°30'03	6♏28	11°19	22°53	21° 2	2°40	16° 1	17°28	19° 8	10°16	0°54	2°19	0♌ 5	n.a.	S 24
S 25	21 22 10	18°29'20	19°43	12°34	22°45	21°42	2°37	15°57	17°27	19° 6	10°15	0°R54	2°16	0°12	n.a.	S 25
M26	21 26 6	19°28'40	3♐22	13°47	22°39	22°22	2°34	15°52	17°26	19° 5	10°14	0°53	2°12	0°18	n.a.	M26
T 27	21 30 3	20°28'01	17°27	14°59	22°35	23° 3	2°31	15°48	17°25	19° 3	10°13	0°51	2° 9	0°25	n.a.	T 27
W28	21 34 0	21°27'24	1♑58	16° 9	22°D33	23°43	2°28	15°44	17°24	19° 2	10°12	0°47	2° 6	0°32	n.a.	W28
T 29	21 37 56	22°26'49	16°49	17°18	22°34	24°23	2°25	15°40	17°23	19° 0	10°11	0°41	2° 3	0°39	n.a.	T 29
F 30	21 41 53	23°26'16	1♒56	18°24	22°38	25° 4	2°23	15°36	17°22	18°59	10°10	0°35	2° 0	0°45	n.a.	F 30
S 31	21 45 49	24♌25'45	17♒ 8	19♍28	22♋44	25♌44	2♉21	15♓31	17♈20	18♓57	10♉ 9	0♈30	1♈57	0♌52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n31	28s36	5s 1	19n54	1n 8	12n 1	7s48	20n13	1n 7	24s46	1s 0	7s40	2s44	6n32	0s32	6s 4	2s 2	34s 8	10s45	1n 3	1n26	25n38			n.a.
F 2	21 20	26 23	4 42	19 22	1 3	12 1	7 56	20 3	1 6	24 47	1 0	7 41	2 45	6 32	0 32	6 5	2 2	34 8	10 45	0 59	1 24	25 36			n.a.
S 3	21 9	22 14	4 3	18 49	0 57	12 1	8 4	19 53	1 6	24 47	1 0	7 42	2 45	6 32	0 32	6 5	2 2	34 8	10 45	0 56	1 23	25 34			n.a.
S 4	20 57	16 40	3 8	18 16	0 51	12 2	8 11	19 42	1 6	24 47	1 0	7 43	2 45	6 32	0 32	6 5	2 2	34 8	10 45	0 53	1 22	25 33			n.a.
M 5	20 45	10 13	2 0	17 41	0 44	12 4	8 17	19 32	1 6	24 48	1 0	7 44	2 45	6 32	0 32	6 6	2 2	34 8	10 45	0 51	1 21	25 31			n.a.
T 6	20 33	3 24	0 46	17 7	0 38	12 6	8 22	19 21	1 5	24 48	1 0	7 46	2 46	6 32	0 32	6 6	2 2	34 8	10 45	0 50	1 19	25 29			n.a.
W 7	20 20	3n21	0n28	16 31	0 31	12 10	8 27	19 10	1 5	24 48	1 0	7 47	2 46	6 32	0 32	6 7	2 2	34 8	10 45	0 50	1 18	25 27			n.a.
T 8	20 7	9 44	1 38	15 55	0 24	12 14	8 30	18 59	1 5	24 48	1 0	7 48	2 46	6 32	0 32	6 7	2 2	34 8	10 44	0 50	1 17	25 26			n.a.
F 9	19 54	15 31	2 41	15 19	0 17	12 19	8 33	18 47	1 5	24 49	1 0	7 49	2 46	6 32	0 32	6 8	2 3	34 8	10 44	0 51	1 15	25 24			n.a.
S 10	19 40	20 28	3 34	14 42	0 10	12 24	8 34	18 36	1 4	24 49	1 0	7 51	2 47	6 32	0 32	6 8	2 3	34 8	10 44	0 50	1 14	25 22			n.a.
S 11	19 26	24 25	4 16	14 5	0 3	12 30	8 35	18 24	1 4	24 49	1 0	7 52	2 47	6 31	0 32	6 9	2 3	34 8	10 44	0 49	1 13	25 20			n.a.
M12	19 11	27 12	4 45	13 28	0s 4	12 37	8 35	18 13	1 4	24 49	1 0	7 54	2 47	6 31	0 32	6 9	2 3	34 8	10 44	0 47	1 12	25 18			n.a.
T 13	18 56	28 42	5 2	12 50	0 12	12 45	8 34	18 1	1 4	24 49	1 0	7 55	2 47	6 31	0 33	6 10	2 3	34 9	10 44	0 44	1 10	25 17			n.a.
W14	18 41	28 50	5 4	12 12	0 19	12 52	8 32	17 49	1 3	24 49	1 0	7 56	2 48	6 31	0 33	6 10	2 3	34 9	10 44	0 40	1 9	25 15			n.a.
T 15	18 25	27 38	4 54	11 35	0 27	13 1	8 29	17 37	1 3	24 50	1 0	7 58	2 48	6 31	0 33	6 11	2 3	34 9	10 44	0 36	1 8	25 13			n.a.
F 16	18 10	25 11	4 31	10 57	0 34	13 9	8 25	17 24	1 3	24 50	1 0	7 59	2 48	6 31	0 33	6 11	2 3	34 9	10 44	0 32	1 6	25 11			n.a.
S 17	17 53	21 39	3 56	10 19	0 42	13 18	8 21	17 12	1 2	24 50	1 0	8 1	2 48	6 30	0 33	6 12	2 3	34 9	10 44	0 28	1 5	25 9			n.a.
S 18	17 37	17 15	3 11	9 41	0 50	13 27	8 16	16 59	1 2	24 50	1 0	8 3	2 48	6 30	0 33	6 12	2 3	34 9	10 44	0 25	1 4	25 7			n.a.
M19	17 20	12 10	2 17	9 3	0 58	13 37	8 10	16 47	1 2	24 50	1 0	8 4	2 49	6 30	0 33	6 13	2 3	34 9	10 44	0 22	1 3	25 6			n.a.
T 20	17 3	6 35	1 17	8 26	1 5	13 47	8 4	16 34	1 2	24 50	1 0	8 6	2 49	6 30	0 33	6 13	2 3	34 9	10 44	0 21	1 1	25 4			n.a.
W21	16 46	0 43	0 12	7 48	1 13	13 57	7 57	16 21	1 1	24 50	1 0	8 7	2 49	6 29	0 33	6 14	2 3	34 9	10 43	0 21	1 0	25 2			n.a.
T 22	16 28	5s16	0s55	7 11	1 21	14 7	7 49	16 8	1 1	24 50	1 0	8 9	2 49	6 29	0 33	6 14	2 3	34 9	10 43	0 21	0 59	25 0			n.a.
F 23	16 10	11 10	2 0	6 34	1 29	14 17	7 41	15 55	1 1	24 50	1 0	8 11	2 49	6 29	0 33	6 15	2 3	34 9	10 43	0 21	0 57	24 58			n.a.
S 24	15 52	16 45	3 1	5 58	1 36	14 27	7 33	15 41	1 0	24 50	1 0	8 13	2 50	6 28	0 33	6 16	2 3	34 8	10 43	0 22	0 56	24 56			n.a.
S 25	15 33	21 43	3 54	5 22	1 44	14 37	7 24	15 28	1 0	24 50	1 0	8 14	2 50	6 28	0 33	6 16	2 3	34 8	10 43	0 22	0 55	24 54			n.a.
M26	15 14	25 42	4 35	4 46	1 51	14 47	7 15	15 14	1 0	24 50	1 0	8 16	2 50	6 28	0 33	6 17	2 3	34 8	10 43	0 22	0 54	24 52			n.a.
T 27	14 55	28 16	5 2	4 12	1 59	14 57	7 5	15 1	0 59	24 50	1 0	8 18	2 50	6 27	0 33	6 17	2 3	34 8	10 43	0 21	0 52	24 50			n.a.
W28	14 36	29 1	5 10	3 37	2 6	15 7	6 55	14 47	0 59	24 51	1 0	8 20	2 50	6 27	0 33	6 18	2 3	34 8	10 43	0 19	0 51	24 49			n.a.
T 29	14 17	27 43	4 58	3 4	2 13	15 16	6 45	14 33	0 59	24 51	1 0	8 21	2 50	6 26	0 33	6 19	2 3	34 8	10 42	0 17	0 50	24 47			n.a.
F 30	13 57	24 23	4 25	2 31	2 20	15 26	6 35	14 19	0 58	24 51	1 0	8 23	2 51	6 26	0 33	6 19	2 3	34 8	10 42	0 14	0 48	24 45			n.a.
S 31	13n37	19s22	3s34	2n 0	2s27	15n35	6s25	14n 5	0n58	24s51	1s 0	8s25	2s51	6n25	0s33	6s20	2s 4	34s 8	10s42	0n12	0n47	24n43			n.a.

Julian Day Number = 1202980.5, Delta T = 09h20m38s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'40, Lahiri = -23°32'39 Julian Calendar 1 Aug. 1420 BCE == Greg. Calendar 19 July 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

SEPTEMBER 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 49 46	25♌25'16	2♓15	20♍29	22♋52	26♌24	2°R19	15°R27	17°R19	18°R56	10°R 8	0°R26	1♈53	0♌59	n.a.	S 1
M 2	21 53 42	26°24'49	17° 7	21°28	23° 2	27° 5	2♑17	15♓22	17♈18	18♓54	10♑ 7	0♈24	1°50	1° 5	n.a.	M 2
T 3	21 57 39	27°24'25	1♈38	22°24	23°14	27°45	2°15	15°18	17°17	18°53	10° 7	0°D23	1°47	1°12	n.a.	T 3
W 4	22 1 35	28°24'03	15°42	23°17	23°28	28°26	2°14	15°13	17°15	18°51	10° 6	0°24	1°44	1°19	n.a.	W 4
T 5	22 5 32	29°23'43	29°19	24° 6	23°45	29° 6	2°13	15° 9	17°14	18°50	10° 5	0°26	1°41	1°25	n.a.	T 5
F 6	22 9 28	0♍23'26	12♉29	24°52	24° 4	29°47	2°12	15° 4	17°12	18°48	10° 4	0°27	1°38	1°32	n.a.	F 6
S 7	22 13 25	1°23'11	25°16	25°34	24°24	0♍28	2°11	14°59	17°11	18°47	10° 3	0°28	1°34	1°39	n.a.	S 7
S 8	22 17 22	2°22'58	7♊42	26°11	24°46	1° 8	2°10	14°55	17° 9	18°45	10° 3	0°R28	1°31	1°46	n.a.	S 8
M 9	22 21 18	3°22'48	19°54	26°43	25°10	1°49	2°10	14°50	17° 8	18°43	10° 2	0°27	1°28	1°52	n.a.	M 9
T 10	22 25 15	4°22'41	1♋54	27° 9	25°36	2°30	2° 9	14°45	17° 6	18°42	10° 1	0°25	1°25	1°59	n.a.	T 10
W11	22 29 11	5°22'36	13°48	27°29	26° 4	3°11	2°D 9	14°41	17° 4	18°40	10° 1	0°21	1°22	2° 6	n.a.	W11
T 12	22 33 8	6°22'33	25°39	27°43	26°33	3°52	2°10	14°36	17° 3	18°39	10° 0	0°17	1°18	2°12	n.a.	T 12
F 13	22 37 4	7°22'32	7♌30	27°R50	27° 4	4°33	2°10	14°31	17° 1	18°37	10° 0	0°13	1°15	2°19	n.a.	F 13
S 14	22 41 1	8°22'34	19°24	27°49	27°36	5°14	2°10	14°26	16°59	18°35	9°59	0° 9	1°12	2°26	n.a.	S 14
S 15	22 44 57	9°22'37	1♍23	27°39	28°10	5°55	2°11	14°21	16°57	18°34	9°58	0° 6	1° 9	2°33	n.a.	S 15
M16	22 48 54	10°22'43	13°28	27°21	28°45	6°36	2°12	14°16	16°55	18°32	9°58	0° 4	1° 6	2°39	n.a.	M16
T 17	22 52 51	11°22'50	25°42	26°54	29°21	7°17	2°13	14°11	16°54	18°30	9°57	0°D 3	1° 3	2°46	n.a.	T 17
W18	22 56 47	12°23'00	8♎ 6	26°17	29°59	7°58	2°15	14° 6	16°52	18°29	9°57	0° 3	0°59	2°53	n.a.	W18
T 19	23 0 44	13°23'11	20°41	25°31	0♌38	8°39	2°16	14° 2	16°50	18°27	9°56	0° 4	0°56	2°59	n.a.	T 19
F 20	23 4 40	14°23'25	3♏29	24°37	1°18	9°21	2°18	13°57	16°48	18°25	9°56	0° 6	0°53	3° 6	n.a.	F 20
S 21	23 8 37	15°23'40	16°32	23°35	2° 0	10° 2	2°20	13°52	16°46	18°23	9°56	0° 7	0°50	3°13	n.a.	S 21
S 22	23 12 33	16°23'56	29°51	22°25	2°42	10°43	2°22	13°47	16°44	18°22	9°55	0° 8	0°47	3°19	n.a.	S 22
M23	23 16 30	17°24'15	13♐28	21°11	3°26	11°24	2°25	13°42	16°41	18°20	9°55	0°R 8	0°43	3°26	n.a.	M23
T 24	23 20 26	18°24'35	27°24	19°53	4°10	12° 6	2°27	13°37	16°39	18°18	9°55	0° 8	0°40	3°33	n.a.	T 24
W25	23 24 23	19°24'57	11♑37	18°35	4°56	12°47	2°30	13°32	16°37	18°17	9°54	0° 8	0°37	3°40	n.a.	W25
T 26	23 28 20	20°25'20	26° 7	17°18	5°42	13°29	2°33	13°27	16°35	18°15	9°54	0° 7	0°34	3°46	n.a.	T 26
F 27	23 32 16	21°25'45	10♒50	16° 5	6°30	14°10	2°36	13°22	16°33	18°13	9°54	0° 6	0°31	3°53	n.a.	F 27
S 28	23 36 13	22°26'11	25°38	14°58	7°18	14°52	2°40	13°18	16°31	18°12	9°53	0° 5	0°28	4° 0	n.a.	S 28
S 29	23 40 9	23°26'39	10♓26	14° 0	8° 8	15°34	2°43	13°13	16°28	18°10	9°53	0° 4	0°24	4° 6	n.a.	S 29
M30	23 44 6	24♍27'09	25♓ 5	13♍12	8♌58	16♍15	2♑47	13♓ 8	16♈26	18♓ 8	9♑53	0°D 4	0♈21	4♌13	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n16	13s 9	2s27	1n29	2s33	15n44	6s14	13n50	0n58	24s51	1s 0	8s27	2s51	6n25	0s33	6s21	2s 4	34s 8	10s42	0n11	0n46	24n41		n.a.
M 2	12 56	6 17	1 12	1 0	2 40	15 53	6 4	13 36	0 57	24 51	1 0	8 29	2 51	6 24	0 33	6 21	2 4	34 8	10 42	0 10	0 45	24 39		n.a.
T 3	12 35	0n46	0n 7	0 32	2 45	16 2	5 53	13 21	0 57	24 51	1 0	8 31	2 51	6 24	0 33	6 22	2 4	34 8	10 42	0 9	0 43	24 37		n.a.
W 4	12 14	7 33	1 23	0 6	2 51	16 10	5 42	13 7	0 57	24 50	1 0	8 33	2 51	6 23	0 33	6 22	2 4	34 8	10 42	0 10	0 42	24 35		n.a.
T 5	11 53	13 47	2 32	0s18	2 56	16 18	5 32	12 52	0 56	24 50	1 0	8 35	2 51	6 23	0 33	6 23	2 4	34 8	10 41	0 10	0 41	24 33		n.a.
F 6	11 32	19 11	3 30	0 41	3 1	16 25	5 21	12 37	0 56	24 50	1 0	8 37	2 51	6 22	0 33	6 24	2 4	34 8	10 41	0 11	0 39	24 31		n.a.
S 7	11 10	23 33	4 16	1 2	3 5	16 32	5 10	12 22	0 56	24 50	1 0	8 39	2 52	6 21	0 33	6 24	2 4	34 8	10 41	0 11	0 38	24 29		n.a.
S 8	10 49	26 44	4 49	1 20	3 8	16 39	4 59	12 7	0 55	24 50	1 0	8 40	2 52	6 21	0 33	6 25	2 4	34 7	10 41	0 11	0 37	24 27		n.a.
M 9	10 27	28 36	5 8	1 35	3 11	16 45	4 49	11 52	0 55	24 50	0 59	8 42	2 52	6 20	0 33	6 26	2 4	34 7	10 41	0 11	0 36	24 25		n.a.
T 10	10 5	29 4	5 13	1 48	3 13	16 51	4 38	11 37	0 55	24 50	0 59	8 44	2 52	6 20	0 33	6 26	2 4	34 7	10 41	0 10	0 34	24 23		n.a.
W11	9 42	28 11	5 5	1 57	3 14	16 56	4 27	11 21	0 54	24 50	0 59	8 46	2 52	6 19	0 33	6 27	2 4	34 7	10 40	0 9	0 33	24 21		n.a.
T 12	9 20	26 2	4 44	2 3	3 14	17 1	4 17	11 6	0 54	24 50	0 59	8 48	2 52	6 18	0 33	6 28	2 4	34 7	10 40	0 7	0 32	24 19		n.a.
F 13	8 57	22 44	4 10	2 4	3 13	17 5	4 6	10 51	0 54	24 50	0 59	8 50	2 52	6 18	0 33	6 28	2 4	34 7	10 40	0 5	0 30	24 17		n.a.
S 14	8 34	18 31	3 25	2 2	3 11	17 9	3 56	10 35	0 53	24 50	0 59	8 52	2 52	6 17	0 33	6 29	2 4	34 7	10 40	0 4	0 29	24 15		n.a.
S 15	8 12	13 32	2 32	1 55	3 8	17 13	3 46	10 19	0 53	24 50	0 59	8 54	2 52	6 16	0 33	6 30	2 4	34 7	10 40	0 2	0 28	24 13		n.a.
M16	7 48	8 0	1 30	1 42	3 2	17 16	3 36	10 3	0 52	24 50	0 59	8 56	2 52	6 15	0 33	6 30	2 4	34 6	10 39	0 2	0 27	24 11		n.a.
T 17	7 25	2 6	0 24	1 25	2 56	17 18	3 26	9 47	0 52	24 50	0 59	8 58	2 52	6 15	0 33	6 31	2 4	34 6	10 39	0 1	0 25	24 9		n.a.
W18	7 2	3s57	0s44	1 3	2 47	17 20	3 16	9 32	0 52	24 50	0 59	9 0	2 52	6 14	0 33	6 32	2 4	34 6	10 39	0 1	0 24	24 7		n.a.
T 19	6 39	9 56	1 52	0 35	2 36	17 21	3 6	9 15	0 51	24 50	0 59	9 2	2 52	6 13	0 33	6 33	2 4	34 6	10 39	0 2	0 23	24 5		n.a.
F 20	6 15	15 37	2 54	0 1	2 24	17 22	2 56	8 59	0 51	24 49	0 59	9 4	2 52	6 12	0 33	6 33	2 4	34 6	10 39	0 2	0 21	24 3		n.a.
S 21	5 51	20 44	3 50	0n37	2 10	17 22	2 47	8 43	0 50	24 49	0 59	9 6	2 52	6 11	0 33	6 34	2 4	34 6	10 38	0 3	0 20	24 0		n.a.
S 22	5 28	24 55	4 34	1 20	1 53	17 21	2 37	8 27	0 50	24 49	0 59	9 8	2 52	6 11	0 33	6 35	2 4	34 5	10 38	0 3	0 19	23 58		n.a.
M23	5 4	27 50	5 3	2 6	1 36	17 20	2 28	8 10	0 50	24 49	0 59	9 10	2 52	6 10	0 33	6 35	2 4	34 5	10 38	0 3	0 18	23 56		n.a.
T 24	4 40	29 6	5 16	2 54	1 17	17 19	2 19	7 54	0 49	24 49	0 58	9 12	2 52	6 9	0 33	6 36	2 4	34 5	10 38	0 3	0 16	23 54		n.a.
W25	4 16	28 30	5 10	3 44	0 57	17 17	2 10	7 37	0 49	24 49	0 58	9 14	2 52	6 8	0 33	6 37	2 4	34 5	10 38	0 3	0 15	23 52		n.a.
T 26	3 52	25 57	4 45	4 33	0 36	17 14	2 1	7 21	0 48	24 49	0 58	9 15	2 52	6 7	0 33	6 37	2 4	34 5	10 37	0 3	0 14	23 50		n.a.
F 27	3 27	21 40	4 0	5 21	0 15	17 10	1 52	7 4	0 48	24 49	0 58	9 17	2 52	6 6	0 33	6 38	2 4	34 5	10 37	0 2	0 12	23 48		n.a.
S 28	3 3	16 1	3 0	6 6	0n 5	17 6	1 43	6 48	0 48	24 48	0 58	9 19	2 52	6 6	0 33	6 39	2 4	34 4	10 37	0 2	0 11	23 46		n.a.
S 29	2 39	9 26	1 47	6 47	0 24	17 2	1 35	6 31	0 47	24 48	0 58	9 21	2 52	6 5	0 33	6 39	2 4	34 4	10 37	0 2	0 10	23 44		n.a.
M30	2n14	2s25	0s28	7n22	0n43	16n57	1s27	6n14	0n47	24s48	0s58	9s23	2s52	6n 4	0s33	6s40	2s 4	34s 4	10s37	0n 1	0n 9	23n41		n.a.

Julian Day Number = 1203011.5, Delta T = 09h20m36s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'35, Lahiri = -23°32'35 Julian Calendar 1 Sept. 1420 BCE == Greg. Calendar 19 Aug. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

OCTOBER 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 48 2	25♍27'40	9♈29	12°R35	9♌49	16♍57	2♑51	13°R 3	16°R24	18°R 7	9°R53	0♈ 4	0♈18	4♌20	n.a.	T 1
W 2	23 51 59	26°28'13	23°33	12♍ 9	10°40	17°39	2°55	12♓59	16♈21	18♓ 5	9♑53	0° 4	0°15	4°26	n.a.	W 2
T 3	23 55 55	27°28'48	7♉13	11°55	11°33	18°20	2°59	12°54	16°19	18° 3	9°53	0° 4	0°12	4°33	n.a.	T 3
F 4	23 59 52	28°29'25	20°29	11°D53	12°26	19° 2	3° 4	12°49	16°17	18° 2	9°53	0° 4	0° 9	4°40	n.a.	F 4
S 5	0 3 48	29°30'04	3♊22	12° 2	13°20	19°44	3° 8	12°45	16°14	18° 0	9°53	0° 5	0° 5	4°47	n.a.	S 5
S 6	0 7 45	0♎30'45	15°54	12°21	14°14	20°26	3°13	12°40	16°12	17°58	9°D53	0°R 5	0° 2	4°53	n.a.	S 6
M 7	0 11 42	1°31'27	28° 8	12°49	15° 9	21° 8	3°18	12°36	16°10	17°57	9°53	0°D 5	29♓59	5° 0	n.a.	M 7
T 8	0 15 38	2°32'12	10♋10	13°26	16° 5	21°50	3°23	12°31	16° 7	17°55	9°53	0° 5	29°56	5° 7	n.a.	T 8
W 9	0 19 35	3°32'58	22° 4	14°11	17° 2	22°32	3°29	12°27	16° 5	17°53	9°53	0° 5	29°53	5°13	n.a.	W 9
T 10	0 23 31	4°33'46	3♌54	15° 3	17°59	23°14	3°34	12°22	16° 2	17°52	9°53	0° 5	29°49	5°20	n.a.	T 10
F 11	0 27 28	5°34'36	15°46	16° 1	18°56	23°56	3°40	12°18	16° 0	17°50	9°53	0° 6	29°46	5°27	n.a.	F 11
S 12	0 31 24	6°35'27	27°43	17° 4	19°54	24°39	3°46	12°14	15°57	17°49	9°53	0° 6	29°43	5°33	n.a.	S 12
S 13	0 35 21	7°36'20	9♍48	18°11	20°53	25°21	3°52	12°10	15°55	17°47	9°53	0° 7	29°40	5°40	n.a.	S 13
M14	0 39 17	8°37'14	22° 4	19°23	21°52	26° 3	3°58	12° 6	15°52	17°45	9°53	0° 8	29°37	5°47	n.a.	M14
T 15	0 43 14	9°38'10	4♎32	20°37	22°52	26°45	4° 5	12° 2	15°50	17°44	9°54	0°R 8	29°34	5°54	n.a.	T 15
W16	0 47 11	10°39'07	17°15	21°55	23°52	27°28	4°11	11°58	15°47	17°42	9°54	0° 7	29°30	6° 0	n.a.	W16
T 17	0 51 7	11°40'06	0♏12	23°15	24°53	28°10	4°18	11°54	15°45	17°41	9°54	0° 6	29°27	6° 7	n.a.	T 17
F 18	0 55 4	12°41'05	13°23	24°37	25°54	28°53	4°25	11°50	15°42	17°39	9°54	0° 5	29°24	6°14	n.a.	F 18
S 19	0 59 0	13°42'06	26°47	26° 1	26°55	29°35	4°32	11°46	15°40	17°38	9°55	0° 3	29°21	6°20	n.a.	S 19
S 20	1 2 57	14°43'08	10♐23	27°27	27°57	0♎18	4°39	11°42	15°37	17°36	9°55	0° 1	29°18	6°27	n.a.	S 20
M21	1 6 53	15°44'11	24°11	28°53	28°59	1° 0	4°46	11°39	15°35	17°35	9°55	29♓59	29°15	6°34	n.a.	M21
T 22	1 10 50	16°45'14	8♑ 8	0♎21	0♍ 2	1°43	4°54	11°35	15°32	17°33	9°56	29°58	29°11	6°40	n.a.	T 22
W23	1 14 46	17°46'18	22°14	1°50	1° 5	2°26	5° 2	11°32	15°30	17°32	9°56	29°D58	29° 8	6°47	n.a.	W23
T 24	1 18 43	18°47'24	6♒27	3°19	2° 8	3° 8	5°10	11°28	15°27	17°31	9°57	29°59	29° 5	6°54	n.a.	T 24
F 25	1 22 40	19°48'29	20°45	4°49	3°12	3°51	5°18	11°25	15°24	17°29	9°57	29°59	29° 2	7° 0	n.a.	F 25
S 26	1 26 36	20°49'36	5♓ 4	6°19	4°16	4°34	5°26	11°22	15°22	17°28	9°58	0♈ 1	28°59	7° 7	n.a.	S 26
S 27	1 30 33	21°50'42	19°23	7°50	5°20	5°17	5°34	11°19	15°19	17°27	9°58	0° 2	28°55	7°14	n.a.	S 27
M28	1 34 29	22°51'50	3♈36	9°22	6°25	5°59	5°42	11°16	15°17	17°25	9°59	0°R 3	28°52	7°21	n.a.	M28
T 29	1 38 26	23°52'59	17°39	10°53	7°30	6°42	5°51	11°13	15°14	17°24	9°59	0° 2	28°49	7°27	n.a.	T 29
W30	1 42 22	24°54'08	1♉28	12°25	8°35	7°25	6° 0	11°10	15°12	17°23	10° 0	29♓59	28°46	7°34	n.a.	W30
T 31	1 46 19	25♎55'18	15♉ 1	13♎57	9♍40	8♎ 8	6♑ 9	11♓ 7	15♈ 9	17♓21	10♑ 1	29♓56	28♓43	7♌41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n50	4n37	0n52	7n52	1n 0	16n51	1s18	5n57	0n46	24s48	0s58	9s25	2s52	6n 3	0s33	6s41	2s 4	34s 4	10s36	0n 2	0n 7	23n39			n.a.
W 2	1 26	11 16	2 7	8 16	1 15	16 45	1 10	5 40	0 46	24 48	0 58	9 26	2 52	6 2	0 33	6 41	2 4	34 4	10 36	0 2	0 6	23 37			n.a.
T 3	1 1	17 11	3 12	8 34	1 28	16 38	1 2	5 23	0 45	24 48	0 58	9 28	2 52	6 1	0 33	6 42	2 4	34 3	10 36	0 2	0 5	23 35			n.a.
F 4	0 37	22 7	4 5	8 46	1 40	16 30	0 55	5 6	0 45	24 47	0 58	9 30	2 52	6 0	0 33	6 43	2 4	34 3	10 36	0 2	0 3	23 33			n.a.
S 5	0 12	25 50	4 44	8 52	1 50	16 22	0 47	4 49	0 44	24 47	0 58	9 32	2 52	5 59	0 33	6 43	2 4	34 3	10 36	0 2	0 2	23 31			n.a.
S 6	0s12	28 12	5 8	8 52	1 59	16 13	0 40	4 32	0 44	24 47	0 58	9 33	2 52	5 58	0 33	6 44	2 4	34 3	10 35	0 2	0 1	23 29			n.a.
M 7	0 37	29 8	5 17	8 47	2 5	16 4	0 33	4 14	0 44	24 47	0 58	9 35	2 51	5 57	0 33	6 45	2 4	34 2	10 35	0 2	0s 0	23 26			n.a.
T 8	1 2	28 39	5 12	8 38	2 11	15 54	0 25	3 57	0 43	24 47	0 57	9 37	2 51	5 56	0 33	6 45	2 4	34 2	10 35	0 2	0 2	23 24			n.a.
W 9	1 26	26 51	4 54	8 24	2 15	15 43	0 18	3 40	0 43	24 46	0 57	9 38	2 51	5 55	0 33	6 46	2 4	34 2	10 35	0 2	0 3	23 22			n.a.
T 10	1 51	23 53	4 24	8 6	2 17	15 32	0 12	3 22	0 42	24 46	0 57	9 40	2 51	5 54	0 33	6 46	2 4	34 2	10 34	0 2	0 4	23 20			n.a.
F 11	2 15	19 55	3 42	7 44	2 19	15 20	0 5	3 5	0 42	24 46	0 57	9 41	2 51	5 54	0 33	6 47	2 4	34 2	10 34	0 2	0 6	23 18			n.a.
S 12	2 40	15 8	2 50	7 20	2 19	15 8	0n 2	2 48	0 41	24 46	0 57	9 43	2 51	5 53	0 33	6 48	2 4	34 1	10 34	0 3	0 7	23 15			n.a.
S 13	3 4	9 44	1 50	6 52	2 19	14 55	0 8	2 30	0 41	24 45	0 57	9 44	2 51	5 52	0 33	6 48	2 4	34 1	10 34	0 3	0 8	23 13			n.a.
M14	3 29	3 53	0 45	6 23	2 17	14 41	0 14	2 13	0 40	24 45	0 57	9 46	2 51	5 51	0 33	6 49	2 4	34 1	10 34	0 3	0 9	23 11			n.a.
T 15	3 53	2s12	0s24	5 51	2 15	14 27	0 20	1 55	0 40	24 45	0 57	9 47	2 50	5 50	0 33	6 49	2 4	34 1	10 33	0 3	0 11	23 9			n.a.
W16	4 17	8 19	1 33	5 17	2 13	14 13	0 26	1 37	0 39	24 45	0 57	9 49	2 50	5 49	0 33	6 50	2 4	34 0	10 33	0 3	0 12	23 6			n.a.
T 17	4 42	14 13	2 39	4 42	2 9	13 57	0 32	1 20	0 39	24 44	0 57	9 50	2 50	5 48	0 33	6 51	2 4	34 0	10 33	0 2	0 13	23 4			n.a.
F 18	5 6	19 34	3 37	4 5	2 5	13 42	0 37	1 2	0 38	24 44	0 57	9 52	2 50	5 47	0 33	6 51	2 4	34 0	10 33	0 2	0 15	23 2			n.a.
S 19	5 30	24 4	4 24	3 27	2 1	13 26	0 43	0 45	0 38	24 44	0 57	9 53	2 50	5 46	0 33	6 52	2 4	34 0	10 32	0 1	0 16	23 0			n.a.
S 20	5 54	27 18	4 58	2 49	1 57	13 9	0 48	0 27	0 37	24 43	0 57	9 54	2 50	5 45	0 33	6 52	2 4	33 59	10 32	0 0	0 17	22 57			n.a.
M21	6 18	28 58	5 14	2 9	1 52	12 52	0 53	0 9	0 37	24 43	0 57	9 55	2 50	5 44	0 33	6 53	2 4	33 59	10 32	0s 0	0 18	22 55			n.a.
T 22	6 42	28 48	5 13	1 29	1 46	12 34	0 58	0s 8	0 36	24 43	0 56	9 57	2 49	5 43	0 33	6 53	2 4	33 59	10 32	0 1	0 20	22 53			n.a.
W23	7 6	26 48	4 52	0 48	1 41	12 16	1 3	0 26	0 36	24 42	0 56	9 58	2 49	5 42	0 33	6 54	2 3	33 59	10 32	0 1	0 21	22 51			n.a.
T 24	7 29	23 5	4 14	0 6	1 35	11 57	1 8	0 44	0 35	24 42	0 56	9 59	2 49	5 41	0 33	6 54	2 3	33 58	10 31	0 1	0 22	22 48			n.a.
F 25	7 53	17 59	3 20	0s36	1 29	11 38	1 12	1 2	0 35	24 42	0 56	10 0	2 49	5 40	0 33	6 55	2 3	33 58	10 31	0 0	0 24	22 46			n.a.
S 26	8 16	11 53	2 13	1 18	1 23	11 18	1 17	1 19	0 34	24 41	0 56	10 1	2 49	5 39	0 33	6 55	2 3	33 58	10 31	0n 1	0 25	22 44			n.a.
S 27	8 39	5 10	0 58	2 0	1 16	10 58	1 21	1 37	0 34	24 41	0 56	10 2	2 48	5 38	0 33	6 56	2 3	33 58	10 31	0 1	0 26	22 42			n.a.
M28	9 3	1n45	0n20	2 42	1 10	10 38	1 25	1 55	0 33	24 40	0 56	10 3	2 48	5 37	0 33	6 56	2 3	33 57	10 30	0 1	0 27	22 39			n.a.
T 29	9 26	8 31	1 35	3 25	1 3	10 17	1 29	2 13	0 33	24 40	0 56	10 4	2 48	5 36	0 33	6 57	2 3	33 57	10 30	0 1	0 29	22 37			n.a.
W30	9 48	14 45	2 44	4 7	0 57	9 56	1 33	2 30	0 32	24 39	0 56	10 5	2 48	5 35	0 33	6 57	2 3	33 57	10 30	0s 0	0 30	22 35			n.a.
T 31	10s11	20n 9	3n42	4s50	0n50	9n34	1n36	2s48	0n31	24s39	0s56	10s 6	2s47	5n34	0s33	6s58	2s 3	33s57	10s30	0s 2	0s31	22n32			n.a.

Julian Day Number = 1203041.5, Delta T = 09h20m34s
Ecliptic obliquity = 23°51'53, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'31, Lahiri = -23°32'31 Julian Calendar 1 Oct. 1420 BCE == Greg. Calendar 18 Sept. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

NOVEMBER 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 50 15	26♎56'29	28♉14	15♎29	10♍46	8♎51	6♑17	11°R 5	15°R 7	17°R20	10♑ 1	29°R52	28♓40	7♌47	n.a.	F 1
S 2	1 54 12	27°57'41	11♊ 6	17° 2	11°52	9°34	6°27	11♓ 2	15♈ 5	17♓19	10° 2	29♓47	28°36	7°54	n.a.	S 2
S 3	1 58 9	28°58'54	23°40	18°34	12°59	10°18	6°36	11° 0	15° 2	17°18	10° 3	29°42	28°33	8° 1	n.a.	S 3
M 4	2 2 5	0♏ 0'08	5♋57	20° 7	14° 5	11° 1	6°45	10°57	15° 0	17°17	10° 4	29°39	28°30	8° 7	n.a.	M 4
T 5	2 6 2	1° 1'22	18° 1	21°40	15°12	11°44	6°55	10°55	14°57	17°16	10° 4	29°36	28°27	8°14	n.a.	T 5
W 6	2 9 58	2° 2'37	29°56	23°13	16°19	12°27	7° 4	10°53	14°55	17°14	10° 5	29°D35	28°24	8°21	n.a.	W 6
T 7	2 13 55	3° 3'53	11♌46	24°46	17°27	13°11	7°14	10°51	14°53	17°13	10° 6	29°36	28°20	8°28	n.a.	T 7
F 8	2 17 51	4° 5'10	23°37	26°19	18°34	13°54	7°24	10°49	14°50	17°12	10° 7	29°37	28°17	8°34	n.a.	F 8
S 9	2 21 48	5° 6'28	5♍35	27°53	19°42	14°37	7°34	10°47	14°48	17°11	10° 8	29°39	28°14	8°41	n.a.	S 9
S 10	2 25 45	6° 7'46	17°43	29°26	20°50	15°21	7°44	10°45	14°45	17°10	10° 8	29°41	28°11	8°48	n.a.	S 10
M11	2 29 41	7° 9'04	0♎ 5	1♏ 0	21°58	16° 4	7°54	10°44	14°43	17° 9	10° 9	29°R41	28° 8	8°54	n.a.	M11
T 12	2 33 38	8°10'23	12°46	2°34	23° 7	16°48	8° 5	10°42	14°41	17° 8	10°10	29°40	28° 5	9° 1	n.a.	T 12
W13	2 37 34	9°11'43	25°45	4° 8	24°15	17°31	8°15	10°41	14°39	17° 7	10°11	29°37	28° 1	9° 8	n.a.	W13
T 14	2 41 31	10°13'03	9♏ 5	5°43	25°24	18°15	8°26	10°40	14°36	17° 7	10°12	29°33	27°58	9°14	n.a.	T 14
F 15	2 45 27	11°14'23	22°42	7°17	26°33	18°59	8°37	10°38	14°34	17° 6	10°13	29°26	27°55	9°21	n.a.	F 15
S 16	2 49 24	12°15'43	6♐35	8°52	27°42	19°42	8°47	10°37	14°32	17° 5	10°14	29°19	27°52	9°28	n.a.	S 16
S 17	2 53 20	13°17'03	20°40	10°27	28°51	20°26	8°58	10°36	14°30	17° 4	10°15	29°11	27°49	9°34	n.a.	S 17
M18	2 57 17	14°18'23	4♑50	12° 2	0♎ 1	21°10	9° 9	10°36	14°28	17° 3	10°16	29° 5	27°46	9°41	n.a.	M18
T 19	3 1 14	15°19'43	19° 4	13°38	1°10	21°53	9°20	10°35	14°26	17° 3	10°17	29° 0	27°42	9°48	n.a.	T 19
W20	3 5 10	16°21'03	3♒16	15°14	2°20	22°37	9°32	10°34	14°24	17° 2	10°19	28°57	27°39	9°54	n.a.	W20
T 21	3 9 7	17°22'22	17°25	16°50	3°30	23°21	9°43	10°34	14°22	17° 1	10°20	28°D56	27°36	10° 1	n.a.	T 21
F 22	3 13 3	18°23'40	1♓29	18°26	4°40	24° 5	9°54	10°33	14°20	17° 1	10°21	28°57	27°33	10° 8	n.a.	F 22
S 23	3 17 0	19°24'59	15°28	20° 3	5°50	24°49	10° 6	10°33	14°18	17° 0	10°22	28°58	27°30	10°15	n.a.	S 23
S 24	3 20 56	20°26'16	29°19	21°40	7° 0	25°33	10°18	10°33	14°16	16°59	10°23	28°R59	27°26	10°21	n.a.	S 24
M25	3 24 53	21°27'33	13♈ 4	23°17	8°11	26°17	10°29	10°D33	14°14	16°59	10°24	28°58	27°23	10°28	n.a.	M25
T 26	3 28 50	22°28'50	26°39	24°55	9°21	27° 1	10°41	10°33	14°12	16°58	10°26	28°54	27°20	10°35	n.a.	T 26
W27	3 32 46	23°30'06	10♉ 5	26°34	10°32	27°45	10°53	10°33	14°10	16°58	10°27	28°48	27°17	10°41	n.a.	W27
T 28	3 36 43	24°31'22	23°18	28°12	11°42	28°29	11° 5	10°33	14° 9	16°58	10°28	28°40	27°14	10°48	n.a.	T 28
F 29	3 40 39	25°32'38	6♊17	29°51	12°53	29°14	11°17	10°34	14° 7	16°57	10°29	28°30	27°11	10°55	n.a.	F 29
S 30	3 44 36	26♏33'53	19♊ 2	1♐31	14♎ 4	29♎58	11♑29	10♓34	14♈ 5	16♓57	10♑31	28♓19	27♓ 7	11♌ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s34	24n27	4n27	5s32	0n43	9n12	1n40	3s 6	0n31	24s38	0s56	10s 7	2s47	5n33	0s33	6s58	2s 3	33s56	10s30	0s 3	0s33	22n30		n.a.
S 2	10 56	27 24	4 56	6 15	0 36	8 49	1 43	3 24	0 30	24 38	0 56	10 7	2 47	5 32	0 33	6 59	2 3	33 56	10 29	0 5	0 34	22 28		n.a.
S 3	11 18	28 53	5 11	6 57	0 30	8 26	1 46	3 41	0 30	24 37	0 56	10 8	2 47	5 31	0 33	6 59	2 3	33 56	10 29	0 7	0 35	22 25		n.a.
M 4	11 40	28 54	5 11	7 39	0 23	8 3	1 50	3 59	0 29	24 37	0 56	10 9	2 47	5 30	0 33	7 0	2 3	33 55	10 29	0 9	0 36	22 23		n.a.
T 5	12 2	27 32	4 57	8 21	0 16	7 39	1 52	4 17	0 29	24 36	0 56	10 9	2 46	5 29	0 33	7 0	2 3	33 55	10 29	0 10	0 38	22 21		n.a.
W 6	12 24	24 55	4 30	9 2	0 9	7 15	1 55	4 35	0 28	24 36	0 56	10 10	2 46	5 28	0 33	7 0	2 3	33 55	10 29	0 10	0 39	22 18		n.a.
T 7	12 45	21 16	3 52	9 43	0 3	6 51	1 58	4 52	0 27	24 35	0 55	10 11	2 46	5 27	0 33	7 1	2 3	33 55	10 28	0 10	0 40	22 16		n.a.
F 8	13 6	16 46	3 4	10 24	0s 4	6 26	2 0	5 10	0 27	24 35	0 55	10 11	2 46	5 27	0 33	7 1	2 3	33 54	10 28	0 9	0 42	22 14		n.a.
S 9	13 27	11 36	2 8	11 4	0 11	6 1	2 3	5 28	0 26	24 34	0 55	10 12	2 45	5 26	0 33	7 2	2 3	33 54	10 28	0 9	0 43	22 11		n.a.
S 10	13 48	5 56	1 5	11 44	0 17	5 36	2 5	5 45	0 26	24 33	0 55	10 12	2 45	5 25	0 33	7 2	2 3	33 54	10 28	0 8	0 44	22 9		n.a.
M11	14 9	0s 4	0s 2	12 24	0 24	5 11	2 7	6 3	0 25	24 33	0 55	10 12	2 45	5 24	0 33	7 2	2 3	33 54	10 28	0 8	0 45	22 6		n.a.
T 12	14 29	6 12	1 11	13 3	0 30	4 45	2 9	6 20	0 25	24 32	0 55	10 13	2 45	5 23	0 33	7 3	2 3	33 53	10 27	0 8	0 47	22 4		n.a.
W13	14 49	12 15	2 17	13 41	0 36	4 19	2 11	6 38	0 24	24 31	0 55	10 13	2 44	5 22	0 33	7 3	2 3	33 53	10 27	0 9	0 48	22 2		n.a.
T 14	15 9	17 53	3 17	14 19	0 42	3 53	2 13	6 55	0 23	24 31	0 55	10 13	2 44	5 21	0 33	7 3	2 2	33 53	10 27	0 11	0 49	21 59		n.a.
F 15	15 28	22 46	4 8	14 57	0 48	3 26	2 14	7 13	0 23	24 30	0 55	10 13	2 44	5 20	0 33	7 3	2 2	33 53	10 27	0 14	0 51	21 57		n.a.
S 16	15 47	26 28	4 45	15 33	0 54	3 0	2 16	7 30	0 22	24 29	0 55	10 14	2 43	5 20	0 33	7 4	2 2	33 52	10 27	0 17	0 52	21 54		n.a.
S 17	16 6	28 36	5 5	16 10	1 0	2 33	2 17	7 47	0 21	24 28	0 55	10 14	2 43	5 19	0 33	7 4	2 2	33 52	10 27	0 20	0 53	21 52		n.a.
M18	16 25	28 53	5 7	16 45	1 5	2 6	2 18	8 5	0 21	24 27	0 55	10 14	2 43	5 18	0 33	7 4	2 2	33 52	10 26	0 22	0 54	21 50		n.a.
T 19	16 43	27 15	4 50	17 20	1 11	1 39	2 19	8 22	0 20	24 27	0 55	10 14	2 43	5 17	0 33	7 4	2 2	33 51	10 26	0 24	0 56	21 47		n.a.
W20	17 1	23 54	4 15	17 54	1 16	1 11	2 20	8 39	0 20	24 26	0 55	10 14	2 42	5 16	0 33	7 5	2 2	33 51	10 26	0 25	0 57	21 45		n.a.
T 21	17 19	19 8	3 25	18 27	1 21	0 44	2 21	8 56	0 19	24 25	0 55	10 14	2 42	5 16	0 33	7 5	2 2	33 51	10 26	0 26	0 58	21 42		n.a.
F 22	17 37	13 21	2 22	19 0	1 26	0 16	2 22	9 13	0 18	24 24	0 55	10 14	2 42	5 15	0 33	7 5	2 2	33 51	10 26	0 26	1 0	21 40		n.a.
S 23	17 54	6 56	1 12	19 31	1 30	0s11	2 22	9 30	0 18	24 23	0 55	10 14	2 42	5 14	0 33	7 5	2 2	33 50	10 26	0 25	1 1	21 37		n.a.
S 24	18 10	0 15	0n 2	20 2	1 35	0 39	2 23	9 47	0 17	24 22	0 55	10 13	2 41	5 13	0 33	7 5	2 2	33 50	10 25	0 25	1 2	21 35		n.a.
M25	18 27	6n24	1 15	20 31	1 39	1 7	2 23	10 4	0 16	24 21	0 55	10 13	2 41	5 13	0 33	7 6	2 2	33 50	10 25	0 25	1 3	21 32		n.a.
T 26	18 43	12 40	2 23	21 0	1 43	1 35	2 23	10 21	0 16	24 20	0 55	10 13	2 41	5 12	0 32	7 6	2 2	33 50	10 25	0 27	1 5	21 30		n.a.
W27	18 59	18 17	3 22	21 27	1 46	2 3	2 23	10 37	0 15	24 19	0 55	10 12	2 40	5 11	0 32	7 6	2 2	33 49	10 25	0 29	1 6	21 27		n.a.
T 28	19 14	22 56	4 9	21 54	1 50	2 31	2 23	10 54	0 14	24 18	0 55	10 12	2 40	5 11	0 32	7 6	2 2	33 49	10 25	0 32	1 7	21 25		n.a.
F 29	19 29	26 22	4 42	22 19	1 53	2 59	2 23	11 11	0 14	24 17	0 55	10 12	2 40	5 10	0 32	7 6	2 2	33 49	10 25	0 37	1 9	21 23		n.a.
S 30	19s44	28n23	5n 0	22s43	1s55	3s27	2n23	11s27	0n13	24s16	0s55	10s11	2s40	5n 9	0s32	7s 6	2s 2	33s49	10s25	0s41	1s10	21n20		n.a.

Julian Day Number = 1203072.5, Delta T = 09h20m33s
Ecliptic obliquity = 23°51'52, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'27, Lahiri = -23°32'27 Julian Calendar 1 Nov. 1420 BCE == Greg. Calendar 19 Oct. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1420 BCE
geocentric

DECEMBER 1420 BCE (-1419) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 48 32	27♏35'08	1♋31	3♐10	15♎15	0♏42	11♑41	10♓35	14°R 3	16°R56	10♑32	28°R 7	27♓ 4	11♌ 8	n.a.	S 1
M 2	3 52 29	28°36'23	13°46	4°50	16°26	1°26	11°54	10°36	14♈ 2	16♓56	10°33	27♓58	27° 1	11°15	n.a.	M 2
T 3	3 56 26	29°37'37	25°49	6°31	17°38	2°11	12° 6	10°37	14° 0	16°56	10°35	27°50	26°58	11°21	n.a.	T 3
W 4	4 0 22	0♐38'51	7♌43	8°12	18°49	2°55	12°18	10°38	13°59	16°56	10°36	27°44	26°55	11°28	n.a.	W 4
T 5	4 4 19	1°40'04	19°32	9°53	20° 0	3°39	12°31	10°39	13°57	16°55	10°38	27°41	26°52	11°35	n.a.	T 5
F 6	4 8 15	2°41'17	1♍22	11°34	21°12	4°24	12°44	10°40	13°56	16°55	10°39	27°D41	26°48	11°41	n.a.	F 6
S 7	4 12 12	3°42'29	13°18	13°15	22°23	5° 8	12°56	10°41	13°54	16°55	10°40	27°41	26°45	11°48	n.a.	S 7
S 8	4 16 8	4°43'41	25°25	14°57	23°35	5°53	13° 9	10°43	13°53	16°55	10°42	27°R41	26°42	11°55	n.a.	S 8
M 9	4 20 5	5°44'53	7♎48	16°38	24°47	6°37	13°22	10°44	13°52	16°55	10°43	27°41	26°39	12° 2	n.a.	M 9
T 10	4 24 1	6°46'04	20°32	18°20	25°59	7°22	13°35	10°46	13°51	16°D55	10°45	27°38	26°36	12° 8	n.a.	T 10
W11	4 27 58	7°47'14	3♏40	20° 1	27°11	8° 7	13°48	10°48	13°49	16°55	10°46	27°34	26°32	12°15	n.a.	W11
T 12	4 31 55	8°48'23	17°14	21°42	28°23	8°51	14° 1	10°50	13°48	16°55	10°48	27°26	26°29	12°22	n.a.	T 12
F 13	4 35 51	9°49'32	1♐12	23°22	29°35	9°36	14°14	10°52	13°47	16°55	10°49	27°16	26°26	12°28	n.a.	F 13
S 14	4 39 48	10°50'40	15°31	25° 1	0♏47	10°21	14°27	10°54	13°46	16°55	10°51	27° 4	26°23	12°35	n.a.	S 14
S 15	4 43 44	11°51'47	0♑ 4	26°39	1°59	11° 5	14°40	10°56	13°45	16°55	10°52	26°52	26°20	12°42	n.a.	S 15
M16	4 47 41	12°52'53	14°44	28°16	3°11	11°50	14°54	10°59	13°44	16°56	10°54	26°41	26°17	12°48	n.a.	M16
T 17	4 51 37	13°53'57	29°23	29°51	4°23	12°35	15° 7	11° 1	13°43	16°56	10°55	26°33	26°13	12°55	n.a.	T 17
W18	4 55 34	14°55'00	13♒55	1♑23	5°35	13°20	15°20	11° 4	13°42	16°56	10°57	26°27	26°10	13° 2	n.a.	W18
T 19	4 59 31	15°56'02	28°15	2°53	6°48	14° 5	15°34	11° 6	13°41	16°56	10°59	26°24	26° 7	13° 8	n.a.	T 19
F 20	5 3 27	16°57'02	12♓22	4°20	8° 0	14°50	15°47	11° 9	13°41	16°57	11° 0	26°23	26° 4	13°15	n.a.	F 20
S 21	5 7 24	17°58'00	26°13	5°42	9°13	15°35	16° 1	11°12	13°40	16°57	11° 2	26°23	26° 1	13°22	n.a.	S 21
S 22	5 11 20	18°58'57	9♈50	7° 0	10°25	16°20	16°14	11°15	13°39	16°57	11° 3	26°23	25°58	13°28	n.a.	S 22
M23	5 15 17	19°59'53	23°15	8°13	11°38	17° 5	16°28	11°18	13°39	16°58	11° 5	26°20	25°54	13°35	n.a.	M23
T 24	5 19 13	21° 0'46	6♉27	9°20	12°50	17°50	16°42	11°21	13°38	16°58	11° 7	26°16	25°51	13°42	n.a.	T 24
W25	5 23 10	22° 1'39	19°29	10°20	14° 3	18°35	16°55	11°24	13°37	16°59	11° 8	26° 8	25°48	13°48	n.a.	W25
T 26	5 27 6	23° 2'29	2♊20	11°12	15°15	19°20	17° 9	11°28	13°37	16°59	11°10	25°57	25°45	13°55	n.a.	T 26
F 27	5 31 3	24° 3'19	15° 0	11°56	16°28	20° 5	17°23	11°31	13°37	17° 0	11°11	25°44	25°42	14° 2	n.a.	F 27
S 28	5 35 0	25° 4'07	27°30	12°31	17°41	20°50	17°37	11°35	13°36	17° 1	11°13	25°29	25°38	14° 9	n.a.	S 28
S 29	5 38 56	26° 4'53	9♋48	12°56	18°53	21°35	17°51	11°38	13°36	17° 1	11°15	25°15	25°35	14°15	n.a.	S 29
M30	5 42 53	27° 5'38	21°56	13°11	20° 6	22°21	18° 5	11°42	13°36	17° 2	11°16	25° 2	25°32	14°22	n.a.	M30
T 31	5 46 49	28♐ 6'21	3♌55	13°R15	21♏19	23♏ 6	18♑18	11♓46	13♈35	17♓ 3	11♑18	24♓51	25♓29	14♌29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s58	28n55	5n 3	23s 5	1s58	3s55	2n23	11s44	0n12	24s15	0s55	10s11	2s39	5n 9	0s32	7s 6	2s 1	33s48	10s24	0s46	1s11	21n18		n.a.
M 2	20 12	27 59	4 53	23 26	2 0	4 24	2 22	12 0	0 12	24 14	0 55	10 10	2 39	5 8	0 32	7 6	2 1	33 48	10 24	0 49	1 12	21 15		n.a.
T 3	20 26	25 45	4 29	23 46	2 1	4 52	2 22	12 16	0 11	24 13	0 55	10 9	2 39	5 7	0 32	7 6	2 1	33 48	10 24	0 53	1 14	21 13		n.a.
W 4	20 39	22 25	3 54	24 4	2 2	5 20	2 21	12 32	0 10	24 11	0 55	10 9	2 38	5 7	0 32	7 6	2 1	33 48	10 24	0 55	1 15	21 10		n.a.
T 5	20 52	18 12	3 9	24 21	2 3	5 48	2 20	12 48	0 10	24 10	0 55	10 8	2 38	5 6	0 32	7 6	2 1	33 47	10 24	0 56	1 16	21 8		n.a.
F 6	21 4	13 17	2 15	24 36	2 3	6 16	2 19	13 4	0 9	24 9	0 55	10 7	2 38	5 6	0 32	7 6	2 1	33 47	10 24	0 56	1 18	21 5		n.a.
S 7	21 16	7 51	1 16	24 50	2 3	6 44	2 18	13 20	0 8	24 8	0 55	10 7	2 38	5 5	0 32	7 6	2 1	33 47	10 24	0 56	1 19	21 2		n.a.
S 8	21 28	2 2	0 12	25 1	2 2	7 12	2 17	13 36	0 8	24 6	0 55	10 6	2 37	5 5	0 32	7 6	2 1	33 47	10 24	0 56	1 20	21 0		n.a.
M 9	21 39	3s58	0s54	25 11	2 1	7 39	2 16	13 51	0 7	24 5	0 55	10 5	2 37	5 4	0 32	7 6	2 1	33 47	10 23	0 56	1 21	20 57		n.a.
T 10	21 49	9 59	1 58	25 19	1 59	8 7	2 15	14 7	0 6	24 4	0 55	10 4	2 37	5 4	0 32	7 6	2 1	33 46	10 23	0 57	1 23	20 55		n.a.
W11	22 0	15 45	2 59	25 25	1 57	8 34	2 14	14 22	0 5	24 2	0 55	10 3	2 36	5 3	0 32	7 6	2 1	33 46	10 23	0 59	1 24	20 52		n.a.
T 12	22 10	20 58	3 51	25 29	1 53	9 2	2 12	14 38	0 5	24 1	0 55	10 2	2 36	5 3	0 32	7 6	2 1	33 46	10 23	1 2	1 25	20 50		n.a.
F 13	22 19	25 11	4 31	25 31	1 49	9 29	2 11	14 53	0 4	24 0	0 55	10 1	2 36	5 2	0 32	7 6	2 1	33 46	10 23	1 6	1 26	20 47		n.a.
S 14	22 28	27 57	4 55	25 31	1 45	9 56	2 9	15 8	0 3	23 58	0 55	10 0	2 36	5 2	0 32	7 6	2 1	33 45	10 23	1 11	1 28	20 45		n.a.
S 15	22 37	28 52	5 0	25 29	1 39	10 23	2 8	15 23	0 3	23 57	0 55	9 59	2 35	5 2	0 32	7 6	2 1	33 45	10 23	1 16	1 29	20 42		n.a.
M16	22 45	27 47	4 46	25 24	1 33	10 49	2 6	15 38	0 2	23 55	0 55	9 58	2 35	5 1	0 32	7 6	2 0	33 45	10 23	1 20	1 30	20 40		n.a.
T 17	22 52	24 46	4 13	25 18	1 26	11 16	2 4	15 52	0 1	23 54	0 55	9 56	2 35	5 1	0 32	7 6	2 0	33 45	10 23	1 24	1 32	20 37		n.a.
W18	23 0	20 12	3 24	25 10	1 18	11 42	2 2	16 7	0 0	23 52	0 55	9 55	2 34	5 1	0 32	7 5	2 0	33 45	10 23	1 26	1 33	20 34		n.a.
T 19	23 6	14 31	2 23	24 59	1 9	12 8	2 0	16 21	0s 0	23 51	0 55	9 54	2 34	5 0	0 32	7 5	2 0	33 44	10 23	1 27	1 34	20 32		n.a.
F 20	23 13	8 10	1 13	24 47	0 59	12 34	1 58	16 35	0 1	23 49	0 55	9 53	2 34	5 0	0 32	7 5	2 0	33 44	10 23	1 28	1 35	20 29		n.a.
S 21	23 18	1 33	0 1	24 33	0 49	12 59	1 56	16 49	0 2	23 47	0 55	9 51	2 34	5 0	0 32	7 5	2 0	33 44	10 23	1 28	1 37	20 27		n.a.
S 22	23 24	5n 2	1n10	24 17	0 37	13 24	1 54	17 3	0 3	23 46	0 55	9 50	2 33	5 0	0 32	7 5	2 0	33 44	10 22	1 28	1 38	20 24		n.a.
M23	23 29	11 18	2 17	24 0	0 24	13 49	1 52	17 17	0 3	23 44	0 55	9 48	2 33	4 59	0 32	7 4	2 0	33 44	10 22	1 29	1 39	20 21		n.a.
T 24	23 33	16 58	3 15	23 42	0 10	14 14	1 50	17 31	0 4	23 42	0 55	9 47	2 33	4 59	0 32	7 4	2 0	33 43	10 22	1 31	1 41	20 19		n.a.
W25	23 37	21 46	4 1	23 23	0n 4	14 38	1 47	17 44	0 5	23 40	0 55	9 45	2 33	4 59	0 32	7 4	2 0	33 43	10 22	1 34	1 42	20 16		n.a.
T 26	23 41	25 29	4 35	23 3	0 20	15 2	1 45	17 58	0 6	23 39	0 55	9 44	2 32	4 59	0 32	7 4	2 0	33 43	10 22	1 38	1 43	20 14		n.a.
F 27	23 44	27 52	4 54	22 43	0 36	15 25	1 43	18 11	0 6	23 37	0 55	9 42	2 32	4 59	0 32	7 3	2 0	33 43	10 22	1 44	1 44	20 11		n.a.
S 28	23 46	28 49	4 59	22 23	0 53	15 48	1 40	18 24	0 7	23 35	0 55	9 41	2 32	4 59	0 32	7 3	2 0	33 43	10 22	1 49	1 46	20 8		n.a.
S 29	23 48	28 19	4 50	22 4	1 10	16 11	1 38	18 36	0 8	23 33	0 55	9 39	2 32	4 59	0 31	7 3	2 0	33 42	10 22	1 55	1 47	20 6		n.a.
M30	23 50	26 26	4 28	21 45	1 28	16 33	1 35	18 49	0 9	23 31	0 55	9 37	2 31	4 58	0 31	7 2	2 0	33 42	10 22	2 1	1 48	20 3		n.a.
T 31	23s51	23n24	3n54	21s26	1n45	16s55	1n32	19s 2	0s 9	23s30	0s55	9s35	2s31	4n58	0s31	7s 2	2s 0	33s42	10s22	2s 5	1s50	20n 0		n.a.

Julian Day Number = 1203102.5, Delta T = 09h20m31s
Ecliptic obliquity = 23°51'51, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'23, Lahiri = -23°32'23 Julian Calendar 1 Dec. 1420 BCE == Greg. Calendar 18 Nov. 1420 BCE

The year -1419 astronomical counting style corresponds to year 1420 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

JANUARY 1419 BCE (-1418) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 50 46	29♐ 7'03	15♌47	13°R 9	22♏32	23♏51	18♑32	11♓50	13°R35	17♓ 3	11♑20	24°R43	25♓26	14♌35	n.a.	W 1
T 2	5 54 42	0♑ 7'44	27°35	12♑52	23°44	24°36	18°46	11°54	13♈35	17° 4	11°22	24♓38	25°23	14°42	n.a.	T 2
F 3	5 58 39	1° 8'23	9♍24	12°24	24°57	25°22	19° 1	11°58	13°D35	17° 5	11°23	24°35	25°19	14°49	n.a.	F 3
S 4	6 2 36	2° 9'00	21°17	11°46	26°10	26° 7	19°15	12° 3	13°35	17° 6	11°25	24°D34	25°16	14°55	n.a.	S 4
S 5	6 6 32	3° 9'37	3♎21	11° 0	27°23	26°52	19°29	12° 7	13°35	17° 7	11°27	24°R34	25°13	15° 2	n.a.	S 5
M 6	6 10 29	4°10'11	15°41	10° 7	28°36	27°38	19°43	12°11	13°35	17° 7	11°28	24°34	25°10	15° 9	n.a.	M 6
T 7	6 14 25	5°10'45	28°22	9° 7	29°49	28°23	19°57	12°16	13°35	17° 8	11°30	24°32	25° 7	15°15	n.a.	T 7
W 8	6 18 22	6°11'17	11♏30	8° 3	1♐ 2	29° 9	20°11	12°20	13°36	17° 9	11°32	24°28	25° 4	15°22	n.a.	W 8
T 9	6 22 18	7°11'47	25° 5	6°56	2°15	29°54	20°25	12°25	13°36	17°10	11°33	24°21	25° 0	15°29	n.a.	T 9
F 10	6 26 15	8°12'16	9♐10	5°48	3°28	0♐40	20°40	12°30	13°36	17°11	11°35	24°11	24°57	15°35	n.a.	F 10
S 11	6 30 11	9°12'44	23°40	4°41	4°41	1°25	20°54	12°35	13°37	17°12	11°37	24° 0	24°54	15°42	n.a.	S 11
S 12	6 34 8	10°13'09	8♑31	3°37	5°54	2°11	21° 8	12°40	13°37	17°14	11°39	23°49	24°51	15°49	n.a.	S 12
M13	6 38 5	11°13'33	23°34	2°36	7° 7	2°56	21°23	12°45	13°38	17°15	11°40	23°38	24°48	15°55	n.a.	M13
T 14	6 42 1	12°13'55	8♒38	1°41	8°20	3°42	21°37	12°50	13°38	17°16	11°42	23°30	24°44	16° 2	n.a.	T 14
W15	6 45 58	13°14'14	23°34	0°51	9°34	4°28	21°51	12°55	13°39	17°17	11°44	23°24	24°41	16° 9	n.a.	W15
T 16	6 49 54	14°14'32	8♓14	0° 7	10°47	5°13	22° 6	13° 0	13°39	17°18	11°46	23°21	24°38	16°15	n.a.	T 16
F 17	6 53 51	15°14'47	22°35	29♐31	12° 0	5°59	22°20	13° 6	13°40	17°19	11°47	23°D20	24°35	16°22	n.a.	F 17
S 18	6 57 47	16°15'00	6♈34	29° 1	13°13	6°44	22°34	13°11	13°41	17°21	11°49	23°20	24°32	16°29	n.a.	S 18
S 19	7 1 44	17°15'10	20°11	28°39	14°26	7°30	22°49	13°16	13°42	17°22	11°51	23°R21	24°29	16°35	n.a.	S 19
M20	7 5 40	18°15'18	3♉30	28°24	15°39	8°16	23° 3	13°22	13°42	17°23	11°52	23°19	24°25	16°42	n.a.	M20
T 21	7 9 37	19°15'24	16°30	28°16	16°52	9° 2	23°17	13°28	13°43	17°25	11°54	23°16	24°22	16°49	n.a.	T 21
W22	7 13 34	20°15'28	29°17	28°D14	18° 6	9°47	23°32	13°33	13°44	17°26	11°56	23°10	24°19	16°56	n.a.	W22
T 23	7 17 30	21°15'30	11♊51	28°19	19°19	10°33	23°46	13°39	13°45	17°28	11°57	23° 2	24°16	17° 2	n.a.	T 23
F 24	7 21 27	22°15'29	24°14	28°30	20°32	11°19	24° 1	13°45	13°46	17°29	11°59	22°51	24°13	17° 9	n.a.	F 24
S 25	7 25 23	23°15'26	6♋28	28°47	21°45	12° 5	24°15	13°51	13°47	17°30	12° 1	22°40	24°10	17°16	n.a.	S 25
S 26	7 29 20	24°15'21	18°34	29° 9	22°58	12°50	24°29	13°57	13°49	17°32	12° 3	22°28	24° 6	17°22	n.a.	S 26
M27	7 33 16	25°15'14	0♌33	29°36	24°12	13°36	24°44	14° 3	13°50	17°33	12° 4	22°18	24° 3	17°29	n.a.	M27
T 28	7 37 13	26°15'05	12°27	0♑ 8	25°25	14°22	24°58	14° 9	13°51	17°35	12° 6	22° 9	24° 0	17°36	n.a.	T 28
W29	7 41 9	27°14'53	24°16	0°44	26°38	15° 8	25°13	14°15	13°52	17°37	12° 8	22° 3	23°57	17°42	n.a.	W29
T 30	7 45 6	28°14'40	6♍ 4	1°24	27°51	15°54	25°27	14°21	13°54	17°38	12° 9	21°59	23°54	17°49	n.a.	T 30
F 31	7 49 3	29♑14'24	17♍53	2♑ 8	29♐ 4	16♐39	25♑42	14♓28	13♈55	17♓40	12♑11	21°D57	23♓50	17♌56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s52	19n24	3n10	21s10	2n 3	17s17	1n30	19s14	0s10	23s28	0s55	9s34	2s31	4n58	0s31	7s 2	1s59	33s42	10s22	2s 8	1s51	19n58			n.a.
T 2	23 52	14 40	2 18	20 54	2 20	17 38	1 27	19 26	0 11	23 26	0 55	9 32	2 30	4 58	0 31	7 1	1 59	33 42	10 22	2 10	1 52	19 55			n.a.
F 3	23 52	9 25	1 19	20 40	2 37	17 59	1 24	19 38	0 12	23 24	0 55	9 30	2 30	4 58	0 31	7 1	1 59	33 42	10 22	2 11	1 53	19 52			n.a.
S 4	23 51	3 47	0 17	20 28	2 53	18 19	1 22	19 50	0 13	23 22	0 55	9 28	2 30	4 58	0 31	7 1	1 59	33 41	10 22	2 12	1 55	19 50			n.a.
S 5	23 50	2s 4	0s46	20 18	3 7	18 39	1 19	20 1	0 13	23 20	0 55	9 26	2 30	4 59	0 31	7 0	1 59	33 41	10 22	2 12	1 56	19 47			n.a.
M 6	23 48	7 57	1 49	20 9	3 20	18 58	1 16	20 13	0 14	23 18	0 55	9 24	2 30	4 59	0 31	7 0	1 59	33 41	10 22	2 12	1 57	19 44			n.a.
T 7	23 46	13 42	2 49	20 3	3 30	19 17	1 13	20 24	0 15	23 16	0 55	9 22	2 29	4 59	0 31	6 59	1 59	33 41	10 22	2 13	1 59	19 42			n.a.
W 8	23 43	19 3	3 41	19 58	3 39	19 35	1 10	20 35	0 16	23 13	0 55	9 20	2 29	4 59	0 31	6 59	1 59	33 41	10 22	2 14	2 0	19 39			n.a.
T 9	23 40	23 38	4 23	19 55	3 46	19 53	1 7	20 45	0 17	23 11	0 55	9 18	2 29	4 59	0 31	6 58	1 59	33 41	10 22	2 17	2 1	19 36			n.a.
F 10	23 36	27 0	4 51	19 54	3 50	20 10	1 4	20 56	0 17	23 9	0 55	9 16	2 29	4 59	0 31	6 58	1 59	33 41	10 22	2 21	2 2	19 34			n.a.
S 11	23 32	28 43	5 1	19 55	3 52	20 27	1 1	21 6	0 18	23 7	0 55	9 14	2 28	4 59	0 31	6 57	1 59	33 40	10 22	2 25	2 4	19 31			n.a.
S 12	23 28	28 26	4 52	19 57	3 52	20 43	0 58	21 16	0 19	23 5	0 55	9 12	2 28	4 59	0 31	6 57	1 59	33 40	10 22	2 30	2 5	19 28			n.a.
M13	23 23	26 4	4 22	20 1	3 49	20 59	0 55	21 26	0 20	23 3	0 55	9 10	2 28	5 0	0 31	6 56	1 59	33 40	10 22	2 34	2 6	19 26			n.a.
T 14	23 17	21 51	3 34	20 6	3 45	21 14	0 52	21 36	0 21	23 0	0 55	9 8	2 28	5 0	0 31	6 56	1 59	33 40	10 22	2 38	2 8	19 23			n.a.
W15	23 12	16 16	2 31	20 13	3 39	21 28	0 49	21 46	0 21	22 58	0 55	9 5	2 27	5 0	0 31	6 55	1 59	33 40	10 23	2 40	2 9	19 20			n.a.
T 16	23 5	9 51	1 19	20 20	3 32	21 42	0 46	21 55	0 22	22 56	0 56	9 3	2 27	5 0	0 31	6 55	1 59	33 40	10 23	2 41	2 10	19 17			n.a.
F 17	22 58	3 3	0 4	20 29	3 23	21 55	0 43	22 4	0 23	22 53	0 56	9 1	2 27	5 1	0 31	6 54	1 58	33 40	10 23	2 41	2 11	19 15			n.a.
S 18	22 51	3n43	1n10	20 39	3 13	22 7	0 40	22 13	0 24	22 51	0 56	8 58	2 27	5 1	0 31	6 54	1 58	33 40	10 23	2 41	2 13	19 12			n.a.
S 19	22 44	10 9	2 18	20 49	3 2	22 19	0 37	22 21	0 25	22 49	0 56	8 56	2 27	5 1	0 31	6 53	1 58	33 40	10 23	2 41	2 14	19 9			n.a.
M20	22 36	15 58	3 17	21 0	2 51	22 31	0 34	22 30	0 25	22 46	0 56	8 54	2 26	5 2	0 31	6 53	1 58	33 39	10 23	2 42	2 15	19 6			n.a.
T 21	22 27	20 57	4 4	21 12	2 39	22 41	0 31	22 38	0 26	22 44	0 56	8 51	2 26	5 2	0 31	6 52	1 58	33 39	10 23	2 43	2 16	19 4			n.a.
W22	22 18	24 52	4 38	21 24	2 27	22 51	0 28	22 46	0 27	22 41	0 56	8 49	2 26	5 3	0 31	6 51	1 58	33 39	10 23	2 45	2 18	19 1			n.a.
T 23	22 9	27 31	4 58	21 37	2 15	23 1	0 25	22 53	0 28	22 39	0 56	8 46	2 26	5 3	0 31	6 51	1 58	33 39	10 23	2 49	2 19	18 58			n.a.
F 24	21 59	28 47	5 3	21 49	2 2	23 9	0 22	23 1	0 29	22 36	0 56	8 44	2 26	5 4	0 31	6 50	1 58	33 39	10 23	2 53	2 20	18 55			n.a.
S 25	21 49	28 37	4 55	22 2	1 49	23 17	0 19	23 8	0 30	22 34	0 56	8 41	2 25	5 4	0 31	6 50	1 58	33 39	10 23	2 58	2 22	18 53			n.a.
S 26	21 39	27 3	4 33	22 15	1 37	23 24	0 16	23 15	0 30	22 31	0 56	8 39	2 25	5 4	0 31	6 49	1 58	33 39	10 23	3 2	2 23	18 50			n.a.
M27	21 28	24 17	3 59	22 27	1 25	23 31	0 13	23 21	0 31	22 29	0 56	8 36	2 25	5 5	0 30	6 48	1 58	33 39	10 24	3 6	2 24	18 47			n.a.
T 28	21 16	20 29	3 15	22 40	1 12	23 37	0 10	23 28	0 32	22 26	0 56	8 34	2 25	5 5	0 30	6 48	1 58	33 39	10 24	3 10	2 25	18 44			n.a.
W29	21 5	15 54	2 23	22 52	1 0	23 42	0 7	23 34	0 33	22 24	0 56	8 31	2 25	5 6	0 30	6 47	1 58	33 39	10 24	3 13	2 27	18 42			n.a.
T 30	20 53	10 45	1 24	23 3	0 48	23 47	0 4	23 40	0 34	22 21	0 56	8 29	2 24	5 7	0 30	6 46	1 58	33 39	10 24	3 14	2 28	18 39			n.a.
F 31	20s40	5n12	0n22	23s14	0n37	23s50	0n 1	23s45	0s35	22s18	0s57	8s26	2s24	5n 7	0s30	6s46	1s58	33s39	10s24	3s15	2s29	18n36			n.a.

Julian Day Number = 1203133.5, Delta T = 09h20m29s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'19, Lahiri = -23°32'18 Julian Calendar 1 Jan. 1419 BCE == Greg. Calendar 19 Dec. 1420 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

FEBRUARY 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 52 59	0♒14'07	29♍48	2♑56	0♑18	17♐25	25♑56	14♓34	13♈56	17♓41	12♑13	21♓58	23♓47	18♌ 2	n.a.	S 1
S 2	7 56 56	1°13'47	11♎52	3°47	1°31	18°11	26°10	14°41	13°58	17°43	12°14	21°59	23°44	18° 9	n.a.	S 2
M 3	8 0 52	2°13'26	24°10	4°41	2°44	18°57	26°25	14°47	14° 0	17°45	12°16	22° 0	23°41	18°16	n.a.	M 3
T 4	8 4 49	3°13'03	6♏48	5°38	3°57	19°43	26°39	14°54	14° 1	17°46	12°17	22°R 0	23°38	18°22	n.a.	T 4
W 5	8 8 45	4°12'38	19°50	6°38	5°11	20°29	26°53	15° 0	14° 3	17°48	12°19	21°59	23°35	18°29	n.a.	W 5
T 6	8 12 42	5°12'11	3♐19	7°40	6°24	21°15	27° 8	15° 7	14° 4	17°50	12°21	21°56	23°31	18°36	n.a.	T 6
F 7	8 16 38	6°11'43	17°18	8°45	7°37	22° 1	27°22	15°13	14° 6	17°52	12°22	21°51	23°28	18°42	n.a.	F 7
S 8	8 20 35	7°11'12	1♑45	9°53	8°51	22°47	27°36	15°20	14° 8	17°53	12°24	21°44	23°25	18°49	n.a.	S 8
S 9	8 24 31	8°10'39	16°36	11° 2	10° 4	23°33	27°51	15°27	14°10	17°55	12°26	21°37	23°22	18°56	n.a.	S 9
M10	8 28 28	9°10'05	1♒44	12°14	11°17	24°19	28° 5	15°34	14°12	17°57	12°27	21°31	23°19	19° 2	n.a.	M10
T 11	8 32 25	10° 9'28	16°59	13°28	12°31	25° 5	28°19	15°41	14°14	17°59	12°29	21°26	23°16	19° 9	n.a.	T 11
W12	8 36 21	11° 8'49	2♓11	14°43	13°44	25°51	28°33	15°48	14°15	18° 1	12°30	21°22	23°12	19°16	n.a.	W12
T 13	8 40 18	12° 8'07	17° 9	16° 1	14°57	26°37	28°48	15°55	14°17	18° 3	12°32	21°D21	23° 9	19°22	n.a.	T 13
F 14	8 44 14	13° 7'23	1♈47	17°20	16°10	27°23	29° 2	16° 2	14°19	18° 5	12°33	21°21	23° 6	19°29	n.a.	F 14
S 15	8 48 11	14° 6'36	16° 1	18°41	17°24	28° 8	29°16	16° 9	14°22	18° 7	12°35	21°23	23° 3	19°36	n.a.	S 15
S 16	8 52 7	15° 5'47	29°48	20° 4	18°37	28°54	29°30	16°16	14°24	18° 9	12°36	21°24	23° 0	19°42	n.a.	S 16
M17	8 56 4	16° 4'56	13♉11	21°28	19°50	29°40	29°44	16°23	14°26	18°11	12°38	21°R25	22°56	19°49	n.a.	M17
T 18	9 0 0	17° 4'02	26°12	22°54	21° 4	0♑26	29°58	16°30	14°28	18°12	12°39	21°24	22°53	19°56	n.a.	T 18
W19	9 3 57	18° 3'06	8♊53	24°22	22°17	1°12	0♒12	16°38	14°30	18°14	12°41	21°23	22°50	20° 2	n.a.	W19
T 20	9 7 53	19° 2'07	21°19	25°51	23°30	1°58	0°26	16°45	14°33	18°17	12°42	21°19	22°47	20° 9	n.a.	T 20
F 21	9 11 50	20° 1'06	3♋32	27°21	24°43	2°44	0°40	16°52	14°35	18°19	12°44	21°15	22°44	20°16	n.a.	F 21
S 22	9 15 47	21° 0'02	15°36	28°53	25°57	3°30	0°54	16°59	14°37	18°21	12°45	21° 9	22°41	20°22	n.a.	S 22
S 23	9 19 43	21°58'57	27°32	0♒27	27°10	4°16	1° 8	17° 7	14°40	18°23	12°46	21° 4	22°37	20°29	n.a.	S 23
M24	9 23 40	22°57'48	9♌25	2° 2	28°23	5° 2	1°22	17°14	14°42	18°25	12°48	20°59	22°34	20°36	n.a.	M24
T 25	9 27 36	23°56'38	21°14	3°39	29°37	5°48	1°36	17°22	14°44	18°27	12°49	20°55	22°31	20°42	n.a.	T 25
W26	9 31 33	24°55'25	3♍ 3	5°17	0♒50	6°34	1°50	17°29	14°47	18°29	12°50	20°53	22°28	20°49	n.a.	W26
T 27	9 35 29	25°54'10	14°53	6°57	2° 3	7°20	2° 4	17°37	14°50	18°31	12°52	20°51	22°25	20°56	n.a.	T 27
F 28	9 39 26	26♒52'54	26♍47	8♒38	3♒17	8♑ 6	2♒17	17♓44	14♈52	18♓33	12♑53	20°D51	22♓22	21♌ 2	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s28	0s34	0s42	23s24	0n25	23s54	0s 2	23s51	0s35	22s16	0s57	8s23	2s24	5n 8	0s30	6s45	1s58	33s39	10s24	3s15	2s31	18n33		n.a.
S 2	20 14	6 23	1 45	23 34	0 14	23 56	0 5	23 56	0 36	22 13	0 57	8 21	2 24	5 8	0 30	6 44	1 58	33 39	10 24	3 14	2 32	18 30		n.a.
M 3	20 1	12 5	2 45	23 43	0 4	23 58	0 7	24 1	0 37	22 10	0 57	8 18	2 24	5 9	0 30	6 43	1 58	33 39	10 24	3 14	2 33	18 28		n.a.
T 4	19 47	17 27	3 38	23 51	0s 7	23 59	0 10	24 5	0 38	22 8	0 57	8 15	2 24	5 10	0 30	6 43	1 58	33 39	10 25	3 14	2 34	18 25		n.a.
W 5	19 33	22 12	4 22	23 58	0 16	23 59	0 13	24 10	0 39	22 5	0 57	8 12	2 23	5 10	0 30	6 42	1 58	33 39	10 25	3 14	2 36	18 22		n.a.
T 6	19 18	25 58	4 53	24 4	0 26	23 58	0 16	24 14	0 40	22 2	0 57	8 10	2 23	5 11	0 30	6 41	1 57	33 39	10 25	3 15	2 37	18 19		n.a.
F 7	19 3	28 21	5 8	24 9	0 35	23 57	0 19	24 18	0 40	21 59	0 57	8 7	2 23	5 12	0 30	6 41	1 57	33 39	10 25	3 17	2 38	18 16		n.a.
S 8	18 48	28 55	5 4	24 13	0 44	23 55	0 21	24 21	0 41	21 57	0 57	8 4	2 23	5 12	0 30	6 40	1 57	33 39	10 25	3 20	2 39	18 14		n.a.
S 9	18 33	27 26	4 40	24 16	0 53	23 52	0 24	24 24	0 42	21 54	0 57	8 1	2 23	5 13	0 30	6 39	1 57	33 38	10 25	3 23	2 41	18 11		n.a.
M10	18 17	23 58	3 56	24 18	1 1	23 49	0 27	24 27	0 43	21 51	0 57	7 58	2 23	5 14	0 30	6 38	1 57	33 39	10 25	3 25	2 42	18 8		n.a.
T 11	18 1	18 48	2 55	24 18	1 9	23 45	0 29	24 30	0 44	21 48	0 58	7 56	2 23	5 15	0 30	6 38	1 57	33 39	10 26	3 27	2 43	18 5		n.a.
W12	17 44	12 28	1 42	24 18	1 16	23 40	0 32	24 32	0 45	21 45	0 58	7 53	2 22	5 16	0 30	6 37	1 57	33 39	10 26	3 29	2 45	18 2		n.a.
T 13	17 28	5 31	0 23	24 15	1 23	23 35	0 34	24 35	0 45	21 42	0 58	7 50	2 22	5 16	0 30	6 36	1 57	33 39	10 26	3 29	2 46	17 59		n.a.
F 14	17 10	1n35	0n57	24 12	1 29	23 28	0 37	24 37	0 46	21 40	0 58	7 47	2 22	5 17	0 30	6 35	1 57	33 39	10 26	3 29	2 47	17 56		n.a.
S 15	16 53	8 24	2 10	24 7	1 35	23 21	0 39	24 38	0 47	21 37	0 58	7 44	2 22	5 18	0 30	6 34	1 57	33 39	10 26	3 29	2 48	17 54		n.a.
S 16	16 36	14 37	3 14	24 0	1 41	23 14	0 42	24 40	0 48	21 34	0 58	7 41	2 22	5 19	0 30	6 34	1 57	33 39	10 27	3 28	2 50	17 51		n.a.
M17	16 18	19 58	4 5	23 52	1 46	23 6	0 44	24 41	0 49	21 31	0 58	7 38	2 22	5 20	0 30	6 33	1 57	33 39	10 27	3 28	2 51	17 48		n.a.
T 18	16 0	24 13	4 42	23 42	1 51	22 57	0 46	24 41	0 50	21 28	0 58	7 35	2 22	5 21	0 30	6 32	1 57	33 39	10 27	3 28	2 52	17 45		n.a.
W19	15 41	27 11	5 5	23 31	1 56	22 47	0 48	24 42	0 51	21 25	0 58	7 32	2 22	5 22	0 30	6 31	1 57	33 39	10 27	3 29	2 54	17 42		n.a.
T 20	15 23	28 46	5 12	23 19	2 0	22 37	0 51	24 42	0 51	21 22	0 59	7 29	2 22	5 22	0 30	6 30	1 57	33 39	10 27	3 30	2 55	17 39		n.a.
F 21	15 4	28 54	5 5	23 4	2 3	22 25	0 53	24 42	0 52	21 19	0 59	7 26	2 21	5 23	0 30	6 29	1 57	33 39	10 28	3 32	2 56	17 36		n.a.
S 22	14 45	27 38	4 44	22 48	2 6	22 14	0 55	24 42	0 53	21 16	0 59	7 23	2 21	5 24	0 30	6 29	1 57	33 39	10 28	3 34	2 57	17 34		n.a.
S 23	14 26	25 8	4 12	22 30	2 9	22 2	0 57	24 41	0 54	21 13	0 59	7 20	2 21	5 25	0 30	6 28	1 57	33 39	10 28	3 36	2 59	17 31		n.a.
M24	14 6	21 33	3 28	22 11	2 11	21 49	0 59	24 41	0 55	21 10	0 59	7 17	2 21	5 26	0 30	6 27	1 57	33 39	10 28	3 38	3 0	17 28		n.a.
T 25	13 47	17 7	2 36	21 50	2 13	21 35	1 1	24 40	0 55	21 7	0 59	7 14	2 21	5 27	0 30	6 26	1 57	33 39	10 28	3 40	3 1	17 25		n.a.
W26	13 27	12 4	1 36	21 26	2 14	21 21	1 3	24 38	0 56	21 4	0 59	7 11	2 21	5 28	0 30	6 25	1 57	33 39	10 29	3 41	3 2	17 22		n.a.
T 27	13 7	6 33	0 33	21 2	2 14	21 6	1 4	24 37	0 57	21 1	0 59	7 8	2 21	5 29	0 30	6 24	1 57	33 39	10 29	3 41	3 4	17 19		n.a.
F 28	12s46	0n48	0s33	20s35	2s15	20s51	1s 6	24s35	0s58	20s58	1s 0	7s 5	2s21	5n30	0s30	6s23	1s57	33s39	10s29	3s41	3s 5	17n16		n.a.

Julian Day Number = 1203164.5, Delta T = 09h20m27s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'15, Lahiri = -23°32'14 Julian Calendar 1 Feb. 1419 BCE == Greg. Calendar 19 Jan. 1419 BCE

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

MARCH 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 43 22	27♒51'35	8♎48	10♒21	4♒30	8♑52	2♒31	17♓52	14♈55	18♓35	12♑54	20♓52	22♓18	21♌ 9	n.a.	S 1
S 2	9 47 19	28°50'14	20°58	12° 5	5°43	9°37	2°45	17°59	14°57	18°37	12°56	20°54	22°15	21°16	n.a.	S 2
M 3	9 51 15	29°48'51	3♏21	13°51	6°56	10°23	2°58	18° 7	15° 0	18°40	12°57	20°55	22°12	21°22	n.a.	M 3
T 4	9 55 12	0♓47'27	16° 1	15°38	8°10	11° 9	3°12	18°15	15° 3	18°42	12°58	20°57	22° 9	21°29	n.a.	T 4
W 5	9 59 9	1°46'00	29° 1	17°27	9°23	11°55	3°26	18°22	15° 5	18°44	13° 0	20°R57	22° 6	21°36	n.a.	W 5
T 6	10 3 5	2°44'32	12♐24	19°18	10°36	12°41	3°39	18°30	15° 8	18°46	13° 1	20°57	22° 2	21°42	n.a.	T 6
F 7	10 7 2	3°43'03	26°13	21°10	11°50	13°27	3°52	18°38	15°11	18°48	13° 2	20°56	21°59	21°49	n.a.	F 7
S 8	10 10 58	4°41'31	10♑28	23° 3	13° 3	14°13	4° 6	18°45	15°14	18°50	13° 3	20°54	21°56	21°56	n.a.	S 8
S 9	10 14 55	5°39'58	25° 6	24°58	14°16	14°58	4°19	18°53	15°17	18°53	13° 4	20°53	21°53	22° 2	n.a.	S 9
M10	10 18 51	6°38'23	10♒ 2	26°55	15°30	15°44	4°32	19° 1	15°20	18°55	13° 5	20°51	21°50	22° 9	n.a.	M10
T 11	10 22 48	7°36'46	25°10	28°53	16°43	16°30	4°46	19° 9	15°22	18°57	13° 7	20°49	21°47	22°16	n.a.	T 11
W12	10 26 44	8°35'07	10♓21	0♓53	17°56	17°16	4°59	19°16	15°25	18°59	13° 8	20°49	21°43	22°22	n.a.	W12
T 13	10 30 41	9°33'26	25°23	2°54	19°10	18° 2	5°12	19°24	15°28	19° 2	13° 9	20°D48	21°40	22°29	n.a.	T 13
F 14	10 34 38	10°31'43	10♈10	4°57	20°23	18°47	5°25	19°32	15°31	19° 4	13°10	20°49	21°37	22°36	n.a.	F 14
S 15	10 38 34	11°29'58	24°35	7° 0	21°36	19°33	5°38	19°40	15°34	19° 6	13°11	20°50	21°34	22°42	n.a.	S 15
S 16	10 42 31	12°28'10	8♉34	9° 5	22°50	20°19	5°51	19°48	15°37	19° 8	13°12	20°50	21°31	22°49	n.a.	S 16
M17	10 46 27	13°26'21	22° 6	11°12	24° 3	21° 4	6° 4	19°56	15°41	19°10	13°13	20°51	21°27	22°56	n.a.	M17
T 18	10 50 24	14°24'30	5♊12	13°19	25°16	21°50	6°17	20° 3	15°44	19°13	13°14	20°51	21°24	23° 2	n.a.	T 18
W19	10 54 20	15°22'36	17°56	15°27	26°30	22°35	6°29	20°11	15°47	19°15	13°15	20°R51	21°21	23° 9	n.a.	W19
T 20	10 58 17	16°20'40	0♋21	17°35	27°43	23°21	6°42	20°19	15°50	19°17	13°16	20°51	21°18	23°16	n.a.	T 20
F 21	11 2 13	17°18'43	12°31	19°44	28°56	24° 7	6°55	20°27	15°53	19°19	13°17	20°51	21°15	23°22	n.a.	F 21
S 22	11 6 10	18°16'43	24°30	21°53	0♓10	24°52	7° 7	20°35	15°56	19°22	13°17	20°51	21°12	23°29	n.a.	S 22
S 23	11 10 7	19°14'41	6♌22	24° 2	1°23	25°38	7°20	20°43	15°59	19°24	13°18	20°50	21° 8	23°36	n.a.	S 23
M24	11 14 3	20°12'37	18°11	26°11	2°36	26°23	7°32	20°51	16° 3	19°26	13°19	20°50	21° 5	23°42	n.a.	M24
T 25	11 18 0	21°10'31	29°59	28°19	3°50	27° 8	7°44	20°59	16° 6	19°29	13°20	20°D50	21° 2	23°49	n.a.	T 25
W26	11 21 56	22° 8'24	11♍50	0♈26	5° 3	27°54	7°57	21° 6	16° 9	19°31	13°21	20°50	20°59	23°56	n.a.	W26
T 27	11 25 53	23° 6'14	23°47	2°31	6°16	28°39	8° 9	21°14	16°12	19°33	13°22	20°R50	20°56	24° 2	n.a.	T 27
F 28	11 29 49	24° 4'03	5♎50	4°35	7°30	29°25	8°21	21°22	16°16	19°35	13°22	20°50	20°53	24° 9	n.a.	F 28
S 29	11 33 46	25° 1'50	18° 2	6°37	8°43	0♒10	8°33	21°30	16°19	19°38	13°23	20°50	20°49	24°16	n.a.	S 29
S 30	11 37 42	25°59'36	0♏25	8°38	9°56	0°55	8°45	21°38	16°22	19°40	13°24	20°49	20°46	24°22	n.a.	S 30
M31	11 41 39	26♓57'21	13♏ 0	10♈35	11♓10	1♒40	8♒57	21♓46	16♈26	19♓42	13♑24	20♓49	20♓43	24♌29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s26	5s 2	1s37	20s 6	2s14	20s34	1s 8	24s32	0s59	20s55	1s 0	7s 2	2s21	5n31	0s29	6s23	1s57	33s39	10s29	3s41	3s 6	17n13		n.a.
S 2	12 5	10 46	2 38	19 36	2 13	20 18	1 10	24 30	1 0	20 52	1 0	6 59	2 21	5 32	0 29	6 22	1 57	33 40	10 30	3 40	3 8	17 10		n.a.
M 3	11 44	16 11	3 33	19 4	2 12	20 1	1 11	24 27	1 0	20 49	1 0	6 56	2 21	5 34	0 29	6 21	1 57	33 40	10 30	3 40	3 9	17 7		n.a.
T 4	11 23	21 3	4 19	18 30	2 10	19 43	1 13	24 24	1 1	20 46	1 0	6 53	2 20	5 35	0 29	6 20	1 57	33 40	10 30	3 39	3 10	17 5		n.a.
W 5	11 2	25 3	4 53	17 54	2 8	19 25	1 14	24 21	1 2	20 43	1 0	6 49	2 20	5 36	0 29	6 19	1 57	33 40	10 30	3 39	3 11	17 2		n.a.
T 6	10 41	27 51	5 12	17 16	2 5	19 6	1 15	24 17	1 3	20 40	1 0	6 46	2 20	5 37	0 29	6 18	1 57	33 40	10 31	3 39	3 13	16 59		n.a.
F 7	10 19	29 3	5 15	16 37	2 1	18 46	1 17	24 14	1 4	20 36	1 1	6 43	2 20	5 38	0 29	6 17	1 57	33 40	10 31	3 39	3 14	16 56		n.a.
S 8	9 58	28 24	4 58	15 55	1 57	18 26	1 18	24 10	1 4	20 33	1 1	6 40	2 20	5 39	0 29	6 16	1 57	33 40	10 31	3 40	3 15	16 53		n.a.
S 9	9 36	25 47	4 22	15 12	1 53	18 6	1 19	24 5	1 5	20 30	1 1	6 37	2 20	5 40	0 29	6 16	1 57	33 40	10 31	3 41	3 17	16 50		n.a.
M10	9 14	21 22	3 27	14 26	1 48	17 45	1 20	24 1	1 6	20 27	1 1	6 34	2 20	5 41	0 29	6 15	1 57	33 41	10 32	3 41	3 18	16 47		n.a.
T 11	8 52	15 30	2 17	13 39	1 42	17 24	1 21	23 56	1 7	20 24	1 1	6 31	2 20	5 43	0 29	6 14	1 57	33 41	10 32	3 42	3 19	16 44		n.a.
W12	8 30	8 43	0 58	12 50	1 36	17 2	1 22	23 51	1 8	20 21	1 1	6 27	2 20	5 44	0 29	6 13	1 57	33 41	10 32	3 42	3 20	16 41		n.a.
T 13	8 7	1 29	0n25	12 0	1 29	16 39	1 23	23 45	1 8	20 18	1 2	6 24	2 20	5 45	0 29	6 12	1 57	33 41	10 32	3 42	3 22	16 38		n.a.
F 14	7 45	5n42	1 45	11 8	1 22	16 17	1 24	23 40	1 9	20 15	1 2	6 21	2 20	5 46	0 29	6 11	1 57	33 41	10 33	3 42	3 23	16 35		n.a.
S 15	7 23	12 25	2 57	10 14	1 14	15 53	1 25	23 34	1 10	20 12	1 2	6 18	2 20	5 47	0 29	6 10	1 57	33 41	10 33	3 42	3 24	16 32		n.a.
S 16	7 0	18 18	3 55	9 19	1 6	15 30	1 26	23 28	1 11	20 9	1 2	6 15	2 20	5 49	0 29	6 9	1 57	33 41	10 33	3 42	3 25	16 29		n.a.
M17	6 37	23 5	4 38	8 22	0 57	15 6	1 26	23 21	1 12	20 6	1 2	6 12	2 20	5 50	0 29	6 8	1 57	33 42	10 33	3 41	3 27	16 26		n.a.
T 18	6 15	26 33	5 6	7 24	0 48	14 41	1 27	23 15	1 12	20 2	1 2	6 8	2 20	5 51	0 29	6 7	1 57	33 42	10 34	3 41	3 28	16 23		n.a.
W19	5 52	28 34	5 17	6 25	0 38	14 16	1 28	23 8	1 13	19 59	1 3	6 5	2 20	5 52	0 29	6 7	1 57	33 42	10 34	3 41	3 29	16 20		n.a.
T 20	5 29	29 5	5 13	5 25	0 28	13 51	1 28	23 1	1 14	19 56	1 3	6 2	2 20	5 53	0 29	6 6	1 57	33 42	10 34	3 41	3 31	16 17		n.a.
F 21	5 6	28 9	4 55	4 24	0 18	13 26	1 29	22 54	1 15	19 53	1 3	5 59	2 20	5 55	0 29	6 5	1 57	33 42	10 35	3 41	3 32	16 14		n.a.
S 22	4 43	25 56	4 24	3 23	0 7	13 0	1 29	22 46	1 15	19 50	1 3	5 56	2 20	5 56	0 29	6 4	1 57	33 43	10 35	3 41	3 33	16 11		n.a.
S 23	4 20	22 36	3 43	2 22	0n 3	12 33	1 29	22 38	1 16	19 47	1 3	5 53	2 20	5 57	0 29	6 3	1 57	33 43	10 35	3 42	3 34	16 8		n.a.
M24	3 57	18 22	2 52	1 20	0 14	12 7	1 29	22 30	1 17	19 44	1 4	5 49	2 20	5 59	0 29	6 2	1 57	33 43	10 35	3 42	3 36	16 5		n.a.
T 25	3 34	13 26	1 53	0 18	0 25	11 40	1 29	22 22	1 18	19 41	1 4	5 46	2 20	6 0	0 29	6 1	1 57	33 43	10 36	3 42	3 37	16 2		n.a.
W26	3 10	8 0	0 50	0n43	0 36	11 13	1 30	22 14	1 18	19 38	1 4	5 43	2 20	6 1	0 29	6 0	1 57	33 43	10 36	3 42	3 38	15 59		n.a.
T 27	2 47	2 16	0s16	1 44	0 46	10 45	1 30	22 5	1 19	19 35	1 4	5 40	2 20	6 2	0 29	5 59	1 57	33 44	10 36	3 42	3 39	15 56		n.a.
F 28	2 24	3s37	1 22	2 43	0 57	10 17	1 29	21 56	1 20	19 32	1 4	5 37	2 20	6 4	0 29	5 58	1 57	33 44	10 37	3 42	3 41	15 53		n.a.
S 29	2 1	9 26	2 25	3 42	1 7	9 49	1 29	21 47	1 21	19 29	1 4	5 34	2 20	6 5	0 29	5 58	1 57	33 44	10 37	3 42	3 42	15 50		n.a.
S 30	1 37	14 58	3 22	4 39	1 17	9 21	1 29	21 38	1 21	19 26	1 5	5 31	2 20	6 6	0 29	5 57	1 57	33 44	10 37	3 42	3 43	15 47		n.a.
M31	1s14	19s59	4s11	5n35	1n27	8s52	1s29	21s28	1s22	19s23	1s 5	5s27	2s20	6n 8	0s29	5s56	1s57	33s44	10s38	3s42	3s45	15n44		n.a.

Julian Day Number = 1203192.5, Delta T = 09h20m26s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'11, Lahiri = -23°32'10 Julian Calendar 1 March 1419 BCE == Greg. Calendar 16 Feb. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

APRIL 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 45 35	27♓55'04	25♏50	12♈31	12♓23	2♒26	9♒ 9	21♓54	16♈29	19♓44	13♑25	20°R48	20♓40	24♌36	n.a.	T 1
W 2	11 49 32	28°52'46	8♐57	14°23	13°36	3°11	9°20	22° 1	16°32	19°46	13°26	20♓47	20°37	24°42	n.a.	W 2
T 3	11 53 29	29°50'26	22°21	16°13	14°50	3°56	9°32	22° 9	16°36	19°49	13°26	20°47	20°33	24°49	n.a.	T 3
F 4	11 57 25	0♈48'06	6♑ 5	18° 0	16° 3	4°41	9°43	22°17	16°39	19°51	13°27	20°D47	20°30	24°56	n.a.	F 4
S 5	12 1 22	1°45'44	20° 8	19°43	17°16	5°26	9°55	22°25	16°43	19°53	13°28	20°47	20°27	25° 2	n.a.	S 5
S 6	12 5 18	2°43'21	4♒29	21°24	18°30	6°11	10° 6	22°33	16°46	19°55	13°28	20°48	20°24	25° 9	n.a.	S 6
M 7	12 9 15	3°40'57	19° 6	23° 1	19°43	6°56	10°18	22°41	16°49	19°58	13°29	20°49	20°21	25°16	n.a.	M 7
T 8	12 13 11	4°38'32	3♓55	24°35	20°57	7°41	10°29	22°48	16°53	20° 0	13°29	20°50	20°18	25°22	n.a.	T 8
W 9	12 17 8	5°36'05	18°48	26° 5	22°10	8°26	10°40	22°56	16°56	20° 2	13°30	20°R50	20°14	25°29	n.a.	W 9
T 10	12 21 4	6°33'37	3♈39	27°32	23°23	9°11	10°51	23° 4	17° 0	20° 4	13°30	20°50	20°11	25°36	n.a.	T 10
F 11	12 25 1	7°31'08	18°20	28°56	24°37	9°56	11° 2	23°12	17° 3	20° 6	13°30	20°49	20° 8	25°42	n.a.	F 11
S 12	12 28 58	8°28'38	2♉43	0♉16	25°50	10°40	11°12	23°19	17° 7	20° 9	13°31	20°47	20° 5	25°49	n.a.	S 12
S 13	12 32 54	9°26'06	16°45	1°32	27° 4	11°25	11°23	23°27	17°10	20°11	13°31	20°44	20° 2	25°55	n.a.	S 13
M14	12 36 51	10°23'33	0♊23	2°45	28°17	12°10	11°34	23°35	17°14	20°13	13°32	20°42	19°59	26° 2	n.a.	M14
T 15	12 40 47	11°20'59	13°35	3°54	29°30	12°54	11°44	23°42	17°17	20°15	13°32	20°39	19°55	26° 9	n.a.	T 15
W16	12 44 44	12°18'23	26°23	4°59	0♈44	13°39	11°55	23°50	17°21	20°17	13°32	20°38	19°52	26°15	n.a.	W16
T 17	12 48 40	13°15'46	8♋50	6° 1	1°57	14°23	12° 5	23°58	17°24	20°19	13°32	20°D37	19°49	26°22	n.a.	T 17
F 18	12 52 37	14°13'07	21° 0	6°58	3°11	15° 8	12°15	24° 5	17°28	20°21	13°33	20°37	19°46	26°29	n.a.	F 18
S 19	12 56 33	15°10'27	2♌59	7°52	4°24	15°52	12°25	24°13	17°31	20°23	13°33	20°38	19°43	26°35	n.a.	S 19
S 20	13 0 30	16° 7'46	14°50	8°42	5°37	16°36	12°35	24°20	17°35	20°26	13°33	20°39	19°39	26°42	n.a.	S 20
M21	13 4 27	17° 5'03	26°38	9°28	6°51	17°21	12°45	24°28	17°38	20°28	13°33	20°41	19°36	26°49	n.a.	M21
T 22	13 8 23	18° 2'19	8♍28	10° 9	8° 4	18° 5	12°54	24°35	17°42	20°30	13°33	20°43	19°33	26°55	n.a.	T 22
W23	13 12 20	18°59'34	20°24	10°46	9°18	18°49	13° 4	24°43	17°45	20°32	13°33	20°R43	19°30	27° 2	n.a.	W23
T 24	13 16 16	19°56'48	2♎28	11°19	10°31	19°33	13°14	24°50	17°49	20°34	13°34	20°43	19°27	27° 9	n.a.	T 24
F 25	13 20 13	20°54'02	14°42	11°48	11°44	20°17	13°23	24°57	17°52	20°36	13°34	20°41	19°24	27°15	n.a.	F 25
S 26	13 24 9	21°51'14	27°10	12°12	12°58	21° 1	13°32	25° 5	17°56	20°38	13°34	20°37	19°20	27°22	n.a.	S 26
S 27	13 28 6	22°48'25	9♏51	12°31	14°11	21°45	13°41	25°12	17°59	20°40	13°R34	20°33	19°17	27°29	n.a.	S 27
M28	13 32 2	23°45'36	22°46	12°46	15°25	22°29	13°50	25°19	18° 3	20°42	13°34	20°27	19°14	27°35	n.a.	M28
T 29	13 35 59	24°42'46	5♐55	12°56	16°38	23°13	13°59	25°27	18° 6	20°44	13°34	20°22	19°11	27°42	n.a.	T 29
W30	13 39 56	25♈39'56	19♐17	13♉ 2	17♈52	23♒57	14♒ 8	25♓34	18♈10	20♓46	13♑34	20♓17	19♓ 8	27♌49	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s51	24s12	4s48	6n30	1n36	8s24	1s29	21s18	1s23	19s20	1s 5	5s24	2s20	6n 9	0s29	5s55	1s57	33s45	10s38	3s43	3s46	15n41		n.a.
W 2	0 27	27 17	5 10	7 22	1 44	7 55	1 28	21 9	1 23	19 17	1 5	5 21	2 20	6 10	0 29	5 54	1 57	33 45	10 38	3 43	3 47	15 38		n.a.
T 3	0 4	28 55	5 17	8 13	1 53	7 25	1 28	20 58	1 24	19 14	1 5	5 18	2 20	6 12	0 29	5 53	1 57	33 45	10 39	3 43	3 48	15 35		n.a.
F 4	0n19	28 49	5 6	9 1	2 0	6 56	1 27	20 48	1 25	19 11	1 6	5 15	2 20	6 13	0 29	5 52	1 57	33 45	10 39	3 43	3 50	15 32		n.a.
S 5	0 43	26 53	4 37	9 48	2 7	6 26	1 27	20 38	1 25	19 8	1 6	5 12	2 20	6 14	0 29	5 51	1 57	33 46	10 39	3 43	3 51	15 29		n.a.
S 6	1 6	23 11	3 49	10 32	2 13	5 57	1 26	20 27	1 26	19 5	1 6	5 9	2 20	6 16	0 29	5 50	1 57	33 46	10 39	3 43	3 52	15 26		n.a.
M 7	1 29	18 0	2 47	11 14	2 18	5 27	1 25	20 16	1 27	19 2	1 6	5 6	2 20	6 17	0 29	5 50	1 57	33 46	10 40	3 42	3 53	15 23		n.a.
T 8	1 53	11 41	1 32	11 54	2 23	4 57	1 25	20 5	1 27	18 59	1 7	5 2	2 20	6 18	0 29	5 49	1 57	33 46	10 40	3 42	3 55	15 20		n.a.
W 9	2 16	4 41	0 11	12 31	2 27	4 26	1 24	19 54	1 28	18 56	1 7	4 59	2 20	6 20	0 29	5 48	1 57	33 47	10 40	3 42	3 56	15 17		n.a.
T 10	2 39	2n33	1n10	13 6	2 30	3 56	1 23	19 42	1 29	18 54	1 7	4 56	2 20	6 21	0 29	5 47	1 57	33 47	10 41	3 42	3 57	15 14		n.a.
F 11	3 2	9 33	2 26	13 39	2 33	3 26	1 22	19 30	1 29	18 51	1 7	4 53	2 20	6 22	0 29	5 46	1 57	33 47	10 41	3 42	3 59	15 11		n.a.
S 12	3 25	15 56	3 31	14 10	2 34	2 55	1 21	19 19	1 30	18 48	1 7	4 50	2 20	6 24	0 29	5 45	1 57	33 48	10 41	3 43	4 0	15 8		n.a.
S 13	3 48	21 19	4 22	14 38	2 35	2 24	1 20	19 7	1 31	18 45	1 8	4 47	2 20	6 25	0 29	5 44	1 57	33 48	10 42	3 44	4 1	15 5		n.a.
M14	4 11	25 24	4 56	15 3	2 35	1 54	1 19	18 55	1 31	18 42	1 8	4 44	2 20	6 26	0 29	5 44	1 57	33 48	10 42	3 45	4 2	15 2		n.a.
T 15	4 34	28 0	5 13	15 27	2 34	1 23	1 18	18 42	1 32	18 40	1 8	4 41	2 20	6 28	0 29	5 43	1 57	33 48	10 42	3 46	4 4	14 59		n.a.
W16	4 57	29 2	5 14	15 48	2 32	0 52	1 16	18 30	1 33	18 37	1 8	4 38	2 21	6 29	0 29	5 42	1 57	33 49	10 43	3 47	4 5	14 55		n.a.
T 17	5 20	28 33	5 0	16 6	2 29	0 21	1 15	18 17	1 33	18 34	1 9	4 35	2 21	6 31	0 29	5 41	1 57	33 49	10 43	3 47	4 6	14 52		n.a.
F 18	5 42	26 40	4 32	16 22	2 26	0n10	1 14	18 4	1 34	18 32	1 9	4 32	2 21	6 32	0 29	5 40	1 57	33 49	10 43	3 47	4 7	14 49		n.a.
S 19	6 5	23 37	3 53	16 36	2 21	0 41	1 12	17 52	1 34	18 29	1 9	4 29	2 21	6 33	0 29	5 40	1 57	33 50	10 44	3 47	4 9	14 46		n.a.
S 20	6 27	19 37	3 5	16 48	2 16	1 11	1 11	17 39	1 35	18 26	1 9	4 26	2 21	6 35	0 29	5 39	1 57	33 50	10 44	3 46	4 10	14 43		n.a.
M21	6 50	14 52	2 9	16 57	2 10	1 42	1 9	17 25	1 36	18 24	1 10	4 23	2 21	6 36	0 29	5 38	1 57	33 50	10 44	3 45	4 11	14 40		n.a.
T 22	7 12	9 34	1 7	17 4	2 3	2 13	1 8	17 12	1 36	18 21	1 10	4 20	2 21	6 37	0 29	5 37	1 57	33 51	10 45	3 45	4 12	14 37		n.a.
W23	7 34	3 54	0 2	17 8	1 55	2 44	1 6	16 59	1 37	18 19	1 10	4 17	2 21	6 39	0 29	5 36	1 57	33 51	10 45	3 44	4 14	14 34		n.a.
T 24	7 56	1s58	1s 4	17 10	1 46	3 15	1 5	16 45	1 37	18 16	1 10	4 14	2 21	6 40	0 29	5 36	1 57	33 51	10 45	3 45	4 15	14 31		n.a.
F 25	8 18	7 51	2 8	17 10	1 36	3 46	1 3	16 31	1 38	18 14	1 11	4 12	2 21	6 42	0 29	5 35	1 57	33 51	10 46	3 46	4 16	14 28		n.a.
S 26	8 40	13 32	3 6	17 7	1 25	4 16	1 1	16 18	1 38	18 11	1 11	4 9	2 21	6 43	0 29	5 34	1 57	33 52	10 46	3 47	4 18	14 25		n.a.
S 27	9 1	18 45	3 57	17 2	1 14	4 47	1 0	16 4	1 39	18 9	1 11	4 6	2 22	6 44	0 29	5 33	1 57	33 52	10 46	3 49	4 19	14 21		n.a.
M28	9 23	23 14	4 36	16 55	1 2	5 17	0 58	15 50	1 39	18 6	1 11	4 3	2 22	6 46	0 29	5 33	1 57	33 52	10 47	3 51	4 20	14 18		n.a.
T 29	9 44	26 37	5 2	16 46	0 49	5 48	0 56	15 35	1 40	18 4	1 12	4 0	2 22	6 47	0 29	5 32	1 57	33 53	10 47	3 53	4 21	14 15		n.a.
W30	10n 5	28s35	5s11	16n35	0n35	6n18	0s54	15s21	1s40	18s 2	1s12	3s57	2s22	6n48	0s29	5s31	1s57	33s53	10s47	3s55	4s23	14n12		n.a.

Julian Day Number = 1203223.5, Delta T = 09h20m24s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'07, Lahiri = -23°32'06 Julian Calendar 1 Apr. 1419 BCE == Greg. Calendar 19 March 1419 BCE

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

MAY 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 43 52	26♈37'05	2♋52	13°R 3	19♈ 5	24♒40	14♒16	25♓41	18♈13	20♓47	13°R33	20°R14	19♓ 4	27♌55	n.a.	T 1
F 2	13 47 49	27°34'14	16°39	13♉ 0	20°19	25°24	14°25	25°48	18°17	20°49	13♋33	20♓12	19° 1	28° 2	n.a.	F 2
S 3	13 51 45	28°31'23	0♒38	12°52	21°32	26° 7	14°33	25°55	18°20	20°51	13°33	20°D11	18°58	28° 9	n.a.	S 3
S 4	13 55 42	29°28'31	14°48	12°41	22°46	26°51	14°42	26° 2	18°23	20°53	13°33	20°12	18°55	28°15	n.a.	S 4
M 5	13 59 38	0♉25'39	29° 7	12°25	23°59	27°34	14°50	26° 9	18°27	20°55	13°33	20°13	18°52	28°22	n.a.	M 5
T 6	14 3 35	1°22'47	13♓33	12° 5	25°13	28°18	14°58	26°16	18°30	20°57	13°33	20°R14	18°49	28°29	n.a.	T 6
W 7	14 7 31	2°19'54	28° 2	11°42	26°26	29° 1	15° 5	26°23	18°34	20°59	13°32	20°14	18°45	28°35	n.a.	W 7
T 8	14 11 28	3°17'01	12♈30	11°16	27°40	29°44	15°13	26°30	18°37	21° 0	13°32	20°12	18°42	28°42	n.a.	T 8
F 9	14 15 25	4°14'08	26°52	10°47	28°53	0♓27	15°21	26°37	18°41	21° 2	13°32	20° 8	18°39	28°49	n.a.	F 9
S 10	14 19 21	5°11'15	11♉ 2	10°16	0♉ 7	1°10	15°28	26°44	18°44	21° 4	13°32	20° 3	18°36	28°55	n.a.	S 10
S 11	14 23 18	6° 8'21	24°55	9°43	1°21	1°53	15°35	26°50	18°47	21° 6	13°31	19°56	18°33	29° 2	n.a.	S 11
M12	14 27 14	7° 5'27	8♊28	9° 9	2°34	2°36	15°42	26°57	18°51	21° 7	13°31	19°48	18°30	29° 9	n.a.	M12
T 13	14 31 11	8° 2'32	21°38	8°34	3°48	3°19	15°49	27° 4	18°54	21° 9	13°31	19°41	18°26	29°15	n.a.	T 13
W14	14 35 7	8°59'37	4♋27	8° 0	5° 1	4° 1	15°56	27°10	18°58	21°11	13°30	19°34	18°23	29°22	n.a.	W14
T 15	14 39 4	9°56'42	16°55	7°26	6°15	4°44	16° 3	27°17	19° 1	21°12	13°30	19°30	18°20	29°28	n.a.	T 15
F 16	14 43 1	10°53'46	29° 6	6°53	7°29	5°26	16° 9	27°23	19° 4	21°14	13°29	19°27	18°17	29°35	n.a.	F 16
S 17	14 46 57	11°50'50	11♌ 4	6°22	8°42	6° 9	16°16	27°30	19° 8	21°15	13°29	19°D26	18°14	29°42	n.a.	S 17
S 18	14 50 54	12°47'53	22°56	5°53	9°56	6°51	16°22	27°36	19°11	21°17	13°28	19°27	18°10	29°48	n.a.	S 18
M19	14 54 50	13°44'56	4♍44	5°27	11° 9	7°33	16°28	27°42	19°14	21°19	13°28	19°28	18° 7	29°55	n.a.	M19
T 20	14 58 47	14°41'59	16°36	5° 4	12°23	8°16	16°34	27°49	19°17	21°20	13°27	19°R29	18° 4	0♍ 2	n.a.	T 20
W21	15 2 43	15°39'01	28°36	4°45	13°37	8°58	16°39	27°55	19°21	21°22	13°27	19°28	18° 1	0° 8	n.a.	W21
T 22	15 6 40	16°36'03	10♎47	4°29	14°50	9°40	16°45	28° 1	19°24	21°23	13°26	19°26	17°58	0°15	n.a.	T 22
F 23	15 10 36	17°33'05	23°13	4°18	16° 4	10°22	16°50	28° 7	19°27	21°25	13°26	19°21	17°55	0°22	n.a.	F 23
S 24	15 14 33	18°30'07	5♏56	4°12	17°18	11° 3	16°55	28°13	19°30	21°26	13°25	19°15	17°51	0°28	n.a.	S 24
S 25	15 18 30	19°27'10	18°57	4°D10	18°31	11°45	17° 0	28°19	19°33	21°27	13°24	19° 6	17°48	0°35	n.a.	S 25
M26	15 22 26	20°24'12	2♐15	4°13	19°45	12°27	17° 5	28°25	19°36	21°29	13°24	18°56	17°45	0°42	n.a.	M26
T 27	15 26 23	21°21'15	15°48	4°22	20°59	13° 8	17°10	28°31	19°40	21°30	13°23	18°46	17°42	0°48	n.a.	T 27
W28	15 30 19	22°18'18	29°33	4°35	22°13	13°50	17°14	28°37	19°43	21°31	13°22	18°37	17°39	0°55	n.a.	W28
T 29	15 34 16	23°15'22	13♑28	4°53	23°26	14°31	17°19	28°42	19°46	21°33	13°21	18°30	17°36	1° 2	n.a.	T 29
F 30	15 38 12	24°12'26	27°30	5°17	24°40	15°12	17°23	28°48	19°49	21°34	13°21	18°25	17°32	1° 8	n.a.	F 30
S 31	15 42 9	25♉ 9'31	11♒35	5♉46	25♉54	15♓53	17♒27	28♓53	19♈52	21♓35	13♑20	18♓22	17♓29	1♍15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10n27	28s54	5s 4	16n21	0n20	6n48	0s52	15s 7	1s41	17s59	1s12	3s55	2s22	6n50	0s29	5s30	1s57	33s53	10s48	3s56	4s24	14n 9		n.a.
F 2	10 48	27 25	4 39	16 6	0 5	7 18	0 50	14 52	1 41	17 57	1 13	3 52	2 22	6 51	0 29	5 30	1 57	33 54	10 48	3 57	4 25	14 6		n.a.
S 3	11 8	24 13	3 57	15 49	0s11	7 48	0 48	14 38	1 42	17 55	1 13	3 49	2 22	6 52	0 29	5 29	1 57	33 54	10 48	3 57	4 26	14 3		n.a.
S 4	11 29	19 33	3 1	15 30	0 27	8 18	0 46	14 23	1 42	17 53	1 13	3 46	2 22	6 54	0 29	5 28	1 58	33 54	10 49	3 57	4 28	14 0		n.a.
M 5	11 49	13 44	1 52	15 9	0 43	8 47	0 44	14 8	1 43	17 51	1 13	3 44	2 23	6 55	0 29	5 27	1 58	33 55	10 49	3 56	4 29	13 56		n.a.
T 6	12 10	7 8	0 36	14 47	1 0	9 16	0 42	13 53	1 43	17 48	1 14	3 41	2 23	6 56	0 29	5 27	1 58	33 55	10 49	3 56	4 30	13 53		n.a.
W 7	12 30	0 9	0n42	14 24	1 16	9 46	0 40	13 38	1 44	17 46	1 14	3 38	2 23	6 58	0 29	5 26	1 58	33 55	10 50	3 56	4 31	13 50		n.a.
T 8	12 50	6n50	1 58	14 0	1 33	10 14	0 38	13 23	1 44	17 44	1 14	3 36	2 23	6 59	0 29	5 25	1 58	33 56	10 50	3 57	4 33	13 47		n.a.
F 9	13 9	13 24	3 5	13 35	1 50	10 43	0 36	13 8	1 45	17 42	1 15	3 33	2 23	7 0	0 29	5 25	1 58	33 56	10 50	3 58	4 34	13 44		n.a.
S 10	13 29	19 12	4 0	13 10	2 6	11 12	0 33	12 53	1 45	17 40	1 15	3 30	2 23	7 2	0 29	5 24	1 58	33 56	10 50	4 1	4 35	13 41		n.a.
S 11	13 48	23 51	4 39	12 45	2 21	11 40	0 31	12 38	1 46	17 38	1 15	3 28	2 23	7 3	0 29	5 23	1 58	33 57	10 51	4 3	4 37	13 38		n.a.
M12	14 7	27 4	5 2	12 20	2 36	12 8	0 29	12 22	1 46	17 37	1 15	3 25	2 24	7 4	0 29	5 23	1 58	33 57	10 51	4 7	4 38	13 34		n.a.
T 13	14 26	28 43	5 8	11 55	2 51	12 35	0 27	12 7	1 46	17 35	1 16	3 23	2 24	7 6	0 29	5 22	1 58	33 57	10 51	4 9	4 39	13 31		n.a.
W14	14 45	28 45	4 58	11 32	3 4	13 3	0 24	11 52	1 47	17 33	1 16	3 20	2 24	7 7	0 29	5 22	1 58	33 58	10 52	4 12	4 40	13 28		n.a.
T 15	15 3	27 18	4 34	11 9	3 16	13 30	0 22	11 36	1 47	17 31	1 16	3 18	2 24	7 8	0 29	5 21	1 58	33 58	10 52	4 14	4 42	13 25		n.a.
F 16	15 22	24 34	3 58	10 48	3 27	13 56	0 20	11 21	1 48	17 30	1 17	3 15	2 24	7 9	0 29	5 20	1 58	33 59	10 52	4 15	4 43	13 22		n.a.
S 17	15 40	20 49	3 12	10 28	3 37	14 23	0 18	11 5	1 48	17 28	1 17	3 13	2 24	7 11	0 29	5 20	1 58	33 59	10 53	4 15	4 44	13 19		n.a.
S 18	15 57	16 17	2 18	10 10	3 46	14 49	0 15	10 49	1 48	17 26	1 17	3 10	2 25	7 12	0 29	5 19	1 58	33 59	10 53	4 15	4 45	13 15		n.a.
M19	16 15	11 9	1 18	9 55	3 53	15 14	0 13	10 34	1 49	17 25	1 18	3 8	2 25	7 13	0 29	5 19	1 58	34 0	10 53	4 15	4 47	13 12		n.a.
T 20	16 32	5 37	0 15	9 42	3 59	15 40	0 11	10 18	1 49	17 23	1 18	3 6	2 25	7 14	0 29	5 18	1 58	34 0	10 53	4 14	4 48	13 9		n.a.
W21	16 49	0s11	0s49	9 31	4 3	16 4	0 8	10 2	1 49	17 22	1 18	3 3	2 25	7 16	0 29	5 17	1 58	34 0	10 54	4 14	4 49	13 6		n.a.
T 22	17 6	6 3	1 52	9 23	4 6	16 29	0 6	9 46	1 50	17 20	1 19	3 1	2 25	7 17	0 29	5 17	1 58	34 1	10 54	4 15	4 50	13 3		n.a.
F 23	17 22	11 48	2 50	9 18	4 8	16 53	0 3	9 31	1 50	17 19	1 19	2 59	2 25	7 18	0 29	5 16	1 58	34 1	10 54	4 17	4 52	13 0		n.a.
S 24	17 38	17 13	3 42	9 15	4 9	17 17	0 1	9 15	1 50	17 18	1 19	2 56	2 26	7 19	0 29	5 16	1 59	34 1	10 55	4 20	4 53	12 56		n.a.
S 25	17 54	21 58	4 23	9 15	4 8	17 40	0n 1	8 59	1 51	17 17	1 20	2 54	2 26	7 21	0 29	5 15	1 59	34 2	10 55	4 23	4 54	12 53		n.a.
M26	18 10	25 44	4 51	9 18	4 6	18 3	0 4	8 43	1 51	17 15	1 20	2 52	2 26	7 22	0 29	5 15	1 59	34 2	10 55	4 27	4 55	12 50		n.a.
T 27	18 25	28 7	5 3	9 24	4 2	18 25	0 6	8 27	1 51	17 14	1 20	2 50	2 26	7 23	0 29	5 14	1 59	34 2	10 55	4 31	4 57	12 47		n.a.
W28	18 40	28 50	4 58	9 33	3 58	18 47	0 8	8 11	1 52	17 13	1 21	2 48	2 26	7 24	0 29	5 14	1 59	34 3	10 56	4 35	4 58	12 44		n.a.
T 29	18 55	27 44	4 36	9 44	3 52	19 8	0 11	7 55	1 52	17 12	1 21	2 46	2 27	7 25	0 29	5 13	1 59	34 3	10 56	4 38	4 59	12 40		n.a.
F 30	19 9	24 53	3 56	9 58	3 46	19 29	0 13	7 39	1 52	17 11	1 21	2 43	2 27	7 26	0 29	5 13	1 59	34 3	10 56	4 40	5 0	12 37		n.a.
S 31	19n24	20s32	3s 3	10n14	3s39	19n49	0n15	7s23	1s52	17s10	1s22	2s41	2s27	7n28	0s29	5s13	1s59	34s 4	10s57	4s41	5s 2	12n34		n.a.

Julian Day Number = 1203253.5, Delta T = 09h20m22s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°39'03, Lahiri = -23°32'02 Julian Calendar 1 May 1419 BCE == Greg. Calendar 18 Apr. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

JUNE 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 46 6	26♉ 6'36	25♒42	6♉19	27♉ 8	16♓34	17♒31	28♓59	19♈55	21♓36	13°R19	18°D21	17♓26	1♍22	n.a.	S 1
M 2	15 50 2	27° 3'42	9♓51	6°58	28°21	17°15	17°34	29° 4	19°58	21°38	13♑18	18♓22	17°23	1°28	n.a.	M 2
T 3	15 53 59	28° 0'49	23°59	7°42	29°35	17°56	17°38	29°10	20° 1	21°39	13°18	18°R22	17°20	1°35	n.a.	T 3
W 4	15 57 55	28°57'57	8♈ 6	8°31	0♊49	18°37	17°41	29°15	20° 4	21°40	13°17	18°20	17°16	1°42	n.a.	W 4
T 5	16 1 52	29°55'05	22°10	9°25	2° 3	19°17	17°44	29°20	20° 6	21°41	13°16	18°17	17°13	1°48	n.a.	T 5
F 6	16 5 48	0♊52'14	6♉ 7	10°24	3°17	19°58	17°47	29°25	20° 9	21°42	13°15	18°10	17°10	1°55	n.a.	F 6
S 7	16 9 45	1°49'24	19°54	11°28	4°31	20°38	17°50	29°30	20°12	21°43	13°14	18° 1	17° 7	2° 1	n.a.	S 7
S 8	16 13 42	2°46'35	3♊29	12°36	5°45	21°18	17°52	29°35	20°15	21°44	13°13	17°50	17° 4	2° 8	n.a.	S 8
M 9	16 17 38	3°43'46	16°47	13°49	6°58	21°58	17°55	29°40	20°18	21°45	13°12	17°38	17° 1	2°15	n.a.	M 9
T 10	16 21 35	4°40'58	29°47	15° 7	8°12	22°38	17°57	29°45	20°21	21°46	13°11	17°27	16°57	2°21	n.a.	T 10
W11	16 25 31	5°38'10	12♋29	16°29	9°26	23°18	17°59	29°50	20°23	21°47	13°10	17°16	16°54	2°28	n.a.	W11
T 12	16 29 28	6°35'23	24°53	17°55	10°40	23°58	18° 1	29°54	20°26	21°48	13° 9	17° 8	16°51	2°35	n.a.	T 12
F 13	16 33 24	7°32'37	7♌ 2	19°26	11°54	24°37	18° 2	29°59	20°29	21°49	13° 8	17° 2	16°48	2°41	n.a.	F 13
S 14	16 37 21	8°29'51	19° 0	21° 1	13° 8	25°17	18° 4	0♈ 3	20°31	21°49	13° 7	16°59	16°45	2°48	n.a.	S 14
S 15	16 41 17	9°27'06	0♍50	22°39	14°22	25°56	18° 5	0° 8	20°34	21°50	13° 6	16°58	16°42	2°55	n.a.	S 15
M16	16 45 14	10°24'21	12°39	24°22	15°36	26°35	18° 6	0°12	20°36	21°51	13° 5	16°58	16°38	3° 1	n.a.	M16
T 17	16 49 11	11°21'37	24°31	26° 8	16°50	27°15	18° 7	0°16	20°39	21°52	13° 4	16°58	16°35	3° 8	n.a.	T 17
W18	16 53 7	12°18'53	6♎32	27°57	18° 4	27°53	18° 7	0°20	20°41	21°52	13° 3	16°56	16°32	3°15	n.a.	W18
T 19	16 57 4	13°16'11	18°47	29°49	19°18	28°32	18° 8	0°25	20°44	21°53	13° 2	16°53	16°29	3°21	n.a.	T 19
F 20	17 1 0	14°13'29	1♏21	1♊44	20°32	29°11	18° 8	0°29	20°46	21°54	13° 1	16°48	16°26	3°28	n.a.	F 20
S 21	17 4 57	15°10'48	14°15	3°41	21°46	29°49	18°R 8	0°32	20°48	21°54	13° 0	16°40	16°22	3°35	n.a.	S 21
S 22	17 8 53	16° 8'08	27°32	5°41	23° 0	0♈28	18° 8	0°36	20°51	21°55	12°59	16°30	16°19	3°41	n.a.	S 22
M23	17 12 50	17° 5'29	11♐10	7°42	24°14	1° 6	18° 7	0°40	20°53	21°55	12°58	16°18	16°16	3°48	n.a.	M23
T 24	17 16 47	18° 2'51	25° 8	9°44	25°28	1°44	18° 7	0°43	20°55	21°56	12°56	16° 6	16°13	3°55	n.a.	T 24
W25	17 20 43	19° 0'14	9♑19	11°47	26°42	2°22	18° 6	0°47	20°58	21°56	12°55	15°56	16°10	4° 1	n.a.	W25
T 26	17 24 40	19°57'39	23°39	13°51	27°56	3° 0	18° 5	0°50	21° 0	21°57	12°54	15°47	16° 7	4° 8	n.a.	T 26
F 27	17 28 36	20°55'05	8♒ 2	15°56	29°10	3°37	18° 4	0°54	21° 2	21°57	12°53	15°40	16° 3	4°15	n.a.	F 27
S 28	17 32 33	21°52'32	22°24	18° 0	0♋25	4°15	18° 3	0°57	21° 4	21°57	12°52	15°37	16° 0	4°21	n.a.	S 28
S 29	17 36 29	22°50'01	6♓40	20° 4	1°39	4°52	18° 1	1° 0	21° 6	21°58	12°50	15°36	15°57	4°28	n.a.	S 29
M30	17 40 26	23♊47'32	20♓50	22♊ 8	2♋53	5♈29	17♒59	1♈ 3	21♈ 8	21♓58	12♑49	15♓36	15♓54	4♍34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n37	15s 1	1s57	10n33	3s31	20n 9	0n18	7s 7	1s53	17s 9	1s22	2s39	2s27	7n29	0s29	5s12	1s59	34s 4	10s57	4s41	5s 3	12n31		n.a.
M 2	19 51	8 42	0 45	10 55	3 22	20 28	0 20	6 51	1 53	17 8	1 22	2 37	2 27	7 30	0 29	5 12	1 59	34 4	10 57	4 41	5 4	12 28		n.a.
T 3	20 4	1 58	0n30	11 18	3 12	20 47	0 22	6 35	1 53	17 8	1 23	2 35	2 28	7 31	0 29	5 11	1 59	34 5	10 57	4 41	5 6	12 24		n.a.
W 4	20 17	4n50	1 43	11 44	3 2	21 5	0 25	6 19	1 53	17 7	1 23	2 33	2 28	7 32	0 29	5 11	1 59	34 5	10 58	4 41	5 7	12 21		n.a.
T 5	20 30	11 23	2 49	12 11	2 51	21 23	0 27	6 3	1 54	17 6	1 23	2 32	2 28	7 33	0 29	5 11	1 59	34 6	10 58	4 43	5 8	12 18		n.a.
F 6	20 42	17 19	3 45	12 40	2 40	21 40	0 29	5 47	1 54	17 6	1 24	2 30	2 28	7 34	0 29	5 10	1 59	34 6	10 58	4 45	5 9	12 15		n.a.
S 7	20 54	22 17	4 26	13 12	2 28	21 56	0 31	5 31	1 54	17 5	1 24	2 28	2 29	7 35	0 29	5 10	1 59	34 6	10 58	4 49	5 11	12 11		n.a.
S 8	21 5	26 0	4 52	13 44	2 16	22 12	0 33	5 15	1 54	17 5	1 24	2 26	2 29	7 36	0 29	5 10	1 59	34 7	10 59	4 53	5 12	12 8		n.a.
M 9	21 16	28 11	5 1	14 18	2 3	22 27	0 36	4 59	1 54	17 4	1 25	2 24	2 29	7 38	0 29	5 9	2 0	34 7	10 59	4 58	5 13	12 5		n.a.
T 10	21 27	28 46	4 54	14 54	1 51	22 41	0 38	4 43	1 54	17 4	1 25	2 23	2 29	7 39	0 29	5 9	2 0	34 7	10 59	5 3	5 14	12 2		n.a.
W11	21 38	27 48	4 33	15 30	1 38	22 55	0 40	4 27	1 55	17 4	1 25	2 21	2 29	7 40	0 29	5 9	2 0	34 8	10 59	5 7	5 16	11 58		n.a.
T 12	21 48	25 27	3 59	16 7	1 25	23 8	0 42	4 11	1 55	17 3	1 26	2 19	2 30	7 41	0 29	5 8	2 0	34 8	10 59	5 10	5 17	11 55		n.a.
F 13	21 57	21 58	3 15	16 45	1 12	23 21	0 44	3 55	1 55	17 3	1 26	2 18	2 30	7 42	0 29	5 8	2 0	34 8	11 0	5 12	5 18	11 52		n.a.
S 14	22 7	17 39	2 22	17 23	0 59	23 32	0 46	3 40	1 55	17 3	1 26	2 16	2 30	7 43	0 29	5 8	2 0	34 9	11 0	5 14	5 19	11 49		n.a.
S 15	22 16	12 41	1 24	18 2	0 46	23 44	0 48	3 24	1 55	17 3	1 27	2 14	2 30	7 44	0 29	5 7	2 0	34 9	11 0	5 14	5 21	11 46		n.a.
M16	22 24	7 17	0 23	18 40	0 33	23 54	0 50	3 8	1 55	17 3	1 27	2 13	2 31	7 45	0 29	5 7	2 0	34 9	11 0	5 14	5 22	11 42		n.a.
T 17	22 32	1 36	0s40	19 18	0 20	24 4	0 52	2 52	1 55	17 3	1 27	2 11	2 31	7 45	0 29	5 7	2 0	34 9	11 1	5 14	5 23	11 39		n.a.
W18	22 40	4s12	1 42	19 55	0 8	24 13	0 54	2 37	1 55	17 3	1 28	2 10	2 31	7 46	0 29	5 7	2 0	34 10	11 1	5 15	5 24	11 36		n.a.
T 19	22 48	9 57	2 40	20 32	0n 4	24 21	0 56	2 21	1 55	17 4	1 28	2 9	2 31	7 47	0 29	5 7	2 0	34 10	11 1	5 16	5 26	11 33		n.a.
F 20	22 55	15 27	3 32	21 8	0 15	24 29	0 58	2 6	1 56	17 4	1 28	2 7	2 32	7 48	0 29	5 6	2 0	34 10	11 1	5 18	5 27	11 29		n.a.
S 21	23 1	20 26	4 14	21 42	0 26	24 35	0 59	1 50	1 56	17 4	1 29	2 6	2 32	7 49	0 29	5 6	2 0	34 11	11 1	5 21	5 28	11 26		n.a.
S 22	23 8	24 34	4 44	22 14	0 37	24 41	1 1	1 35	1 56	17 5	1 29	2 5	2 32	7 50	0 29	5 6	2 0	34 11	11 2	5 25	5 29	11 23		n.a.
M23	23 13	27 27	4 59	22 45	0 47	24 47	1 3	1 19	1 56	17 5	1 29	2 3	2 32	7 51	0 29	5 6	2 0	34 11	11 2	5 30	5 31	11 19		n.a.
T 24	23 19	28 43	4 57	23 13	0 56	24 51	1 4	1 4	1 56	17 6	1 30	2 2	2 33	7 52	0 29	5 6	2 1	34 12	11 2	5 34	5 32	11 16		n.a.
W25	23 24	28 7	4 36	23 40	1 4	24 55	1 6	0 48	1 56	17 6	1 30	2 1	2 33	7 53	0 29	5 6	2 1	34 12	11 2	5 39	5 33	11 13		n.a.
T 26	23 29	25 39	3 58	24 3	1 12	24 58	1 8	0 33	1 56	17 7	1 30	2 0	2 33	7 53	0 29	5 6	2 1	34 12	11 2	5 42	5 34	11 10		n.a.
F 27	23 33	21 33	3 5	24 25	1 19	25 1	1 9	0 18	1 56	17 7	1 31	1 59	2 34	7 54	0 29	5 5	2 1	34 13	11 2	5 45	5 36	11 6		n.a.
S 28	23 37	16 10	1 59	24 43	1 25	25 2	1 10	0 3	1 56	17 8	1 31	1 58	2 34	7 55	0 29	5 5	2 1	34 13	11 3	5 46	5 37	11 3		n.a.
S 29	23 40	9 57	0 47	24 59	1 31	25 3	1 12	0n12	1 56	17 9	1 31	1 57	2 34	7 56	0 29	5 5	2 1	34 13	11 3	5 47	5 38	11 0		n.a.
M30	23n43	3s16	0n28	25n13	1n35	25n 3	1n13	0n27	1s56	17s10	1s32	1s56	2s34	7n57	0s29	5s 5	2s 1	34s13	11s 3	5s47	5s39	10n57		n.a.

Julian Day Number = 1203284.5, Delta T = 09h20m20s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'58, Lahiri = -23°31'58 Julian Calendar 1 June 1419 BCE == Greg. Calendar 19 May 1419 BCE

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

JULY 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 44 22	24♊45'04	4♈51	24♊11	4♋ 7	6♈ 6	17°R57	1♈ 6	21♈10	21♓58	12°R48	15°R35	15♓51	4♍41	n.a.	T 1
W 2	17 48 19	25°42'38	18°43	26°14	5°21	6°43	17♒55	1° 9	21°12	21°59	12♑47	15♓34	15°48	4°48	n.a.	W 2
T 3	17 52 16	26°40'13	2♉27	28°16	6°35	7°20	17°53	1°12	21°14	21°59	12°46	15°30	15°44	4°54	n.a.	T 3
F 4	17 56 12	27°37'50	16° 1	0♋16	7°49	7°56	17°50	1°14	21°16	21°59	12°44	15°23	15°41	5° 1	n.a.	F 4
S 5	18 0 9	28°35'29	29°24	2°15	9° 4	8°33	17°48	1°17	21°18	21°59	12°43	15°14	15°38	5° 8	n.a.	S 5
S 6	18 4 5	29°33'10	12♊36	4°14	10°18	9° 9	17°45	1°19	21°19	21°59	12°42	15° 3	15°35	5°14	n.a.	S 6
M 7	18 8 2	0♋30'52	25°34	6°11	11°32	9°45	17°42	1°22	21°21	21°59	12°41	14°51	15°32	5°21	n.a.	M 7
T 8	18 11 58	1°28'35	8♋18	8° 6	12°46	10°20	17°38	1°24	21°23	21°59	12°39	14°39	15°28	5°28	n.a.	T 8
W 9	18 15 55	2°26'21	20°48	10° 0	14° 0	10°56	17°35	1°26	21°24	21°R59	12°38	14°28	15°25	5°34	n.a.	W 9
T 10	18 19 51	3°24'07	3♌ 4	11°53	15°15	11°31	17°31	1°28	21°26	21°59	12°37	14°19	15°22	5°41	n.a.	T 10
F 11	18 23 48	4°21'55	15° 7	13°45	16°29	12° 7	17°28	1°30	21°28	21°59	12°35	14°13	15°19	5°48	n.a.	F 11
S 12	18 27 45	5°19'45	27° 1	15°35	17°43	12°42	17°24	1°32	21°29	21°59	12°34	14° 9	15°16	5°54	n.a.	S 12
S 13	18 31 41	6°17'36	8♍50	17°24	18°57	13°16	17°19	1°34	21°31	21°59	12°33	14°D 8	15°13	6° 1	n.a.	S 13
M14	18 35 38	7°15'28	20°37	19°11	20°12	13°51	17°15	1°35	21°32	21°59	12°32	14° 8	15° 9	6° 8	n.a.	M14
T 15	18 39 34	8°13'21	2♎28	20°57	21°26	14°25	17°10	1°37	21°33	21°59	12°30	14°R 8	15° 6	6°14	n.a.	T 15
W16	18 43 31	9°11'17	14°28	22°42	22°40	14°59	17° 6	1°38	21°35	21°59	12°29	14° 8	15° 3	6°21	n.a.	W16
T 17	18 47 27	10° 9'13	26°43	24°26	23°54	15°33	17° 1	1°39	21°36	21°58	12°28	14° 7	15° 0	6°27	n.a.	T 17
F 18	18 51 24	11° 7'11	9♏18	26° 8	25° 9	16° 7	16°56	1°41	21°37	21°58	12°26	14° 3	14°57	6°34	n.a.	F 18
S 19	18 55 20	12° 5'11	22°16	27°48	26°23	16°40	16°51	1°42	21°38	21°58	12°25	13°57	14°53	6°41	n.a.	S 19
S 20	18 59 17	13° 3'13	5♐40	29°28	27°37	17°14	16°45	1°43	21°39	21°57	12°24	13°50	14°50	6°47	n.a.	S 20
M21	19 3 14	14° 1'16	19°30	1♌ 6	28°51	17°47	16°40	1°43	21°40	21°57	12°22	13°41	14°47	6°54	n.a.	M21
T 22	19 7 10	14°59'20	3♑44	2°43	0♌ 6	18°19	16°34	1°44	21°41	21°57	12°21	13°31	14°44	7° 1	n.a.	T 22
W23	19 11 7	15°57'27	18°16	4°18	1°20	18°52	16°28	1°45	21°42	21°56	12°20	13°22	14°41	7° 7	n.a.	W23
T 24	19 15 3	16°55'35	3♒ 0	5°53	2°34	19°24	16°22	1°45	21°43	21°56	12°19	13°15	14°38	7°14	n.a.	T 24
F 25	19 19 0	17°53'46	17°48	7°26	3°48	19°56	16°16	1°46	21°44	21°55	12°17	13°11	14°34	7°21	n.a.	F 25
S 26	19 22 56	18°51'58	2♓33	8°58	5° 3	20°28	16°10	1°46	21°45	21°55	12°16	13° 8	14°31	7°27	n.a.	S 26
S 27	19 26 53	19°50'13	17° 7	10°28	6°17	21° 0	16° 4	1°46	21°46	21°54	12°15	13°D 8	14°28	7°34	n.a.	S 27
M28	19 30 49	20°48'29	1♈29	11°58	7°31	21°31	15°57	1°R46	21°47	21°53	12°13	13° 9	14°25	7°41	n.a.	M28
T 29	19 34 46	21°46'48	15°34	13°26	8°46	22° 2	15°51	1°46	21°47	21°53	12°12	13°R10	14°22	7°47	n.a.	T 29
W30	19 38 43	22°45'10	29°23	14°53	10° 0	22°33	15°44	1°46	21°48	21°52	12°11	13°10	14°19	7°54	n.a.	W30
T 31	19 42 39	23♋43'33	12♉57	16♌18	11♌14	23♈ 3	15♒37	1♈46	21♈48	21♓51	12♑ 9	13♓ 8	14♓15	8♍ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n45	3n29	1n40	25n23	1n39	25n 2	1n15	0n42	1s56	17s11	1s32	1s55	2s35	7n57	0s29	5s 5	2s 1	34s14	11s 3	5s47	5s41	10n53			n.a.
W 2	23 48	10 1	2 46	25 31	1 42	25 1	1 16	0 57	1 56	17 12	1 33	1 54	2 35	7 58	0 29	5 5	2 1	34 14	11 3	5 47	5 42	10 50			n.a.
T 3	23 49	15 59	3 41	25 36	1 45	24 59	1 17	1 12	1 55	17 13	1 33	1 53	2 35	7 59	0 29	5 5	2 1	34 14	11 3	5 49	5 43	10 47			n.a.
F 4	23 51	21 7	4 23	25 39	1 47	24 56	1 18	1 26	1 55	17 14	1 33	1 52	2 35	7 59	0 29	5 5	2 1	34 14	11 3	5 51	5 44	10 43			n.a.
S 5	23 51	25 5	4 50	25 39	1 48	24 52	1 19	1 41	1 55	17 15	1 33	1 51	2 36	8 0	0 29	5 5	2 1	34 15	11 4	5 55	5 46	10 40			n.a.
S 6	23 52	27 41	5 1	25 36	1 49	24 47	1 20	1 56	1 55	17 16	1 34	1 51	2 36	8 1	0 29	5 5	2 1	34 15	11 4	5 59	5 47	10 37			n.a.
M 7	23 52	28 43	4 56	25 32	1 49	24 42	1 21	2 10	1 55	17 18	1 34	1 50	2 36	8 1	0 29	5 5	2 1	34 15	11 4	6 4	5 48	10 34			n.a.
T 8	23 51	28 12	4 36	25 24	1 48	24 36	1 22	2 24	1 55	17 19	1 34	1 49	2 37	8 2	0 29	5 5	2 2	34 15	11 4	6 9	5 49	10 30			n.a.
W 9	23 50	26 14	4 4	25 15	1 47	24 29	1 23	2 39	1 55	17 20	1 35	1 49	2 37	8 3	0 29	5 5	2 2	34 16	11 4	6 13	5 51	10 27			n.a.
T 10	23 49	23 3	3 20	25 4	1 45	24 22	1 24	2 53	1 55	17 22	1 35	1 48	2 37	8 3	0 29	5 5	2 2	34 16	11 4	6 17	5 52	10 24			n.a.
F 11	23 47	18 56	2 28	24 51	1 43	24 13	1 24	3 7	1 55	17 23	1 35	1 48	2 37	8 4	0 29	5 5	2 2	34 16	11 4	6 19	5 53	10 20			n.a.
S 12	23 45	14 7	1 30	24 36	1 40	24 4	1 25	3 21	1 54	17 25	1 36	1 47	2 38	8 4	0 29	5 6	2 2	34 16	11 4	6 21	5 54	10 17			n.a.
S 13	23 43	8 50	0 28	24 19	1 37	23 55	1 26	3 35	1 54	17 26	1 36	1 47	2 38	8 5	0 29	5 6	2 2	34 17	11 4	6 21	5 56	10 14			n.a.
M14	23 40	3 15	0s35	24 0	1 34	23 44	1 26	3 49	1 54	17 28	1 36	1 46	2 38	8 5	0 29	5 6	2 2	34 17	11 4	6 21	5 57	10 10			n.a.
T 15	23 36	2s28	1 36	23 40	1 30	23 33	1 27	4 2	1 54	17 30	1 37	1 46	2 39	8 6	0 29	5 6	2 2	34 17	11 4	6 21	5 58	10 7			n.a.
W16	23 32	8 10	2 35	23 19	1 25	23 21	1 27	4 16	1 54	17 31	1 37	1 46	2 39	8 6	0 29	5 6	2 2	34 17	11 5	6 21	5 59	10 4			n.a.
T 17	23 28	13 41	3 27	22 56	1 21	23 8	1 27	4 29	1 53	17 33	1 37	1 45	2 39	8 7	0 29	5 6	2 2	34 17	11 5	6 22	6 1	10 1			n.a.
F 18	23 23	18 48	4 11	22 32	1 15	22 55	1 28	4 43	1 53	17 35	1 37	1 45	2 39	8 7	0 29	5 6	2 2	34 18	11 5	6 23	6 2	9 57			n.a.
S 19	23 18	23 13	4 43	22 7	1 10	22 41	1 28	4 56	1 53	17 37	1 38	1 45	2 40	8 8	0 29	5 7	2 2	34 18	11 5	6 25	6 3	9 54			n.a.
S 20	23 13	26 34	5 2	21 40	1 4	22 26	1 28	5 9	1 53	17 39	1 38	1 45	2 40	8 8	0 29	5 7	2 2	34 18	11 5	6 28	6 4	9 51			n.a.
M21	23 7	28 29	5 3	21 13	0 58	22 11	1 28	5 22	1 52	17 41	1 38	1 45	2 40	8 9	0 29	5 7	2 2	34 18	11 5	6 32	6 6	9 47			n.a.
T 22	23 0	28 35	4 46	20 45	0 52	21 55	1 28	5 35	1 52	17 43	1 39	1 45	2 41	8 9	0 29	5 7	2 3	34 18	11 5	6 35	6 7	9 44			n.a.
W23	22 53	26 44	4 11	20 16	0 46	21 39	1 28	5 48	1 52	17 45	1 39	1 45	2 41	8 9	0 29	5 8	2 3	34 18	11 5	6 39	6 8	9 41			n.a.
T 24	22 46	23 2	3 18	19 46	0 39	21 21	1 28	6 0	1 52	17 47	1 39	1 45	2 41	8 10	0 29	5 8	2 3	34 19	11 5	6 42	6 9	9 37			n.a.
F 25	22 39	17 51	2 12	19 15	0 32	21 4	1 27	6 13	1 51	17 49	1 39	1 45	2 41	8 10	0 29	5 8	2 3	34 19	11 5	6 43	6 11	9 34			n.a.
S 26	22 31	11 38	0 57	18 44	0 25	20 45	1 27	6 25	1 51	17 51	1 40	1 45	2 42	8 10	0 29	5 8	2 3	34 19	11 5	6 44	6 12	9 31			n.a.
S 27	22 22	4 51	0n21	18 12	0 18	20 26	1 27	6 38	1 51	17 53	1 40	1 45	2 42	8 10	0 29	5 9	2 3	34 19	11 5	6 44	6 13	9 27			n.a.
M28	22 13	2n 5	1 37	17 40	0 10	20 6	1 26	6 50	1 50	17 55	1 40	1 45	2 42	8 11	0 29	5 9	2 3	34 19	11 5	6 44	6 14	9 24			n.a.
T 29	22 4	8 46	2 46	17 7	0 2	19 46	1 26	7 2	1 50	17 58	1 40	1 46	2 43	8 11	0 29	5 9	2 3	34 19	11 5	6 44	6 16	9 21			n.a.
W30	21 54	14 55	3 43	16 34	0s 5	19 25	1 25	7 14	1 50	18 0	1 41	1 46	2 43	8 11	0 29	5 10	2 3	34 20	11 5	6 44	6 17	9 17			n.a.
T 31	21n44	20n13	4n26	16n 1	0s13	19n 4	1n25	7n26	1s49	18s 2	1s41	1s46	2s43	8n11	0s29	5s10	2s 3	34s20	11s 5	6s45	6s18	9n14			n.a.

Julian Day Number = 1203314.5, Delta T = 09h20m19s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'54, Lahiri = -23°31'54 Julian Calendar 1 July 1419 BCE == Greg. Calendar 18 June 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

AUGUST 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 46 36	24♋41'59	26♉15	17♌42	12♌28	23♈34	15°R30	1°R46	21♈49	21°R51	12°R 8	13°R 4	14♓12	8♍ 7	n.a.	F 1
S 2	19 50 32	25°40'28	9♊19	19° 5	13°43	24° 4	15♒23	1♈45	21°49	21♓50	12♑ 7	12♓58	14° 9	8°14	n.a.	S 2
S 3	19 54 29	26°38'58	22°10	20°27	14°57	24°33	15°16	1°45	21°50	21°49	12° 6	12°51	14° 6	8°20	n.a.	S 3
M 4	19 58 25	27°37'31	4♋48	21°47	16°11	25° 3	15° 9	1°44	21°50	21°48	12° 4	12°43	14° 3	8°27	n.a.	M 4
T 5	20 2 22	28°36'06	17°14	23° 6	17°26	25°32	15° 1	1°43	21°51	21°48	12° 3	12°34	14° 0	8°34	n.a.	T 5
W 6	20 6 18	29°34'43	29°30	24°23	18°40	26° 0	14°54	1°42	21°51	21°47	12° 2	12°27	13°56	8°40	n.a.	W 6
T 7	20 10 15	0♌33'22	11♌35	25°38	19°54	26°29	14°46	1°41	21°51	21°46	12° 1	12°21	13°53	8°47	n.a.	T 7
F 8	20 14 12	1°32'03	23°31	26°52	21° 8	26°57	14°39	1°40	21°51	21°45	12° 0	12°17	13°50	8°54	n.a.	F 8
S 9	20 18 8	2°30'46	5♍21	28° 4	22°23	27°24	14°31	1°39	21°51	21°44	11°58	12°16	13°47	9° 0	n.a.	S 9
S 10	20 22 5	3°29'31	17° 8	29°15	23°37	27°52	14°23	1°38	21°51	21°43	11°57	12°D15	13°44	9° 7	n.a.	S 10
M11	20 26 1	4°28'18	28°54	0♍23	24°51	28°19	14°15	1°36	21°R51	21°42	11°56	12°17	13°40	9°14	n.a.	M11
T 12	20 29 58	5°27'07	10♎44	1°30	26° 6	28°45	14° 8	1°35	21°51	21°41	11°55	12°18	13°37	9°20	n.a.	T 12
W13	20 33 54	6°25'58	22°43	2°34	27°20	29°12	14° 0	1°33	21°51	21°40	11°54	12°20	13°34	9°27	n.a.	W13
T 14	20 37 51	7°24'51	4♏56	3°36	28°34	29°37	13°52	1°31	21°51	21°39	11°52	12°R21	13°31	9°34	n.a.	T 14
F 15	20 41 47	8°23'46	17°28	4°35	29°48	0♉ 3	13°44	1°29	21°51	21°38	11°51	12°20	13°28	9°40	n.a.	F 15
S 16	20 45 44	9°22'43	0♐23	5°32	1♍ 3	0°28	13°36	1°27	21°51	21°36	11°50	12°18	13°25	9°47	n.a.	S 16
S 17	20 49 40	10°21'41	13°44	6°26	2°17	0°53	13°28	1°25	21°50	21°35	11°49	12°15	13°21	9°54	n.a.	S 17
M18	20 53 37	11°20'42	27°33	7°17	3°31	1°17	13°20	1°23	21°50	21°34	11°48	12°11	13°18	10° 0	n.a.	M18
T 19	20 57 34	12°19'44	11♑50	8° 4	4°45	1°41	13°12	1°21	21°50	21°33	11°47	12° 7	13°15	10° 7	n.a.	T 19
W20	21 1 30	13°18'49	26°30	8°48	6° 0	2° 5	13° 4	1°18	21°49	21°32	11°46	12° 2	13°12	10°13	n.a.	W20
T 21	21 5 27	14°17'56	11♒28	9°28	7°14	2°28	12°56	1°16	21°49	21°30	11°45	11°59	13° 9	10°20	n.a.	T 21
F 22	21 9 23	15°17'04	26°34	10° 3	8°28	2°51	12°48	1°13	21°48	21°29	11°44	11°57	13° 5	10°27	n.a.	F 22
S 23	21 13 20	16°16'15	11♓39	10°34	9°42	3°13	12°40	1°11	21°47	21°28	11°43	11°D56	13° 2	10°33	n.a.	S 23
S 24	21 17 16	17°15'29	26°36	11° 0	10°56	3°35	12°32	1° 8	21°47	21°27	11°42	11°57	12°59	10°40	n.a.	S 24
M25	21 21 13	18°14'44	11♈16	11°20	12°10	3°56	12°24	1° 5	21°46	21°25	11°41	11°58	12°56	10°47	n.a.	M25
T 26	21 25 9	19°14'02	25°36	11°34	13°25	4°17	12°16	1° 2	21°45	21°24	11°40	12° 0	12°53	10°53	n.a.	T 26
W27	21 29 6	20°13'23	9♉33	11°42	14°39	4°37	12° 8	0°59	21°45	21°22	11°39	12° 1	12°50	11° 0	n.a.	W27
T 28	21 33 2	21°12'46	23° 7	11°R43	15°53	4°57	12° 0	0°56	21°44	21°21	11°38	12°R 1	12°46	11° 7	n.a.	T 28
F 29	21 36 59	22°12'12	6♊20	11°37	17° 7	5°17	11°52	0°53	21°43	21°20	11°37	12° 0	12°43	11°13	n.a.	F 29
S 30	21 40 56	23°11'40	19°13	11°23	18°21	5°36	11°44	0°50	21°42	21°18	11°36	11°59	12°40	11°20	n.a.	S 30
S 31	21 44 52	24♌11'11	1♋50	11♍ 1	19♍35	5♉54	11♒37	0♈46	21♈41	21♓17	11♑35	11♓57	12♓37	11♍27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n34	24n25	4n55	15n27	0s22	18n42	1n24	7n38	1s49	18s 5	1s41	1s47	2s43	8n12	0s29	5s10	2s 3	34s20	11s 5	6s46	6s19	9n11		n.a.
S 2	21 23	27 18	5 7	14 54	0 30	18 20	1 23	7 49	1 48	18 7	1 41	1 47	2 44	8 12	0 30	5 11	2 3	34 20	11 5	6 48	6 21	9 7		n.a.
S 3	21 12	28 41	5 4	14 20	0 38	17 57	1 23	8 1	1 48	18 9	1 41	1 48	2 44	8 12	0 30	5 11	2 3	34 20	11 5	6 51	6 22	9 4		n.a.
M 4	21 0	28 32	4 46	13 46	0 46	17 34	1 22	8 12	1 47	18 12	1 42	1 48	2 44	8 12	0 30	5 11	2 3	34 20	11 5	6 54	6 23	9 1		n.a.
T 5	20 48	26 56	4 14	13 12	0 55	17 10	1 21	8 23	1 47	18 14	1 42	1 49	2 45	8 12	0 30	5 12	2 3	34 20	11 5	6 58	6 24	8 57		n.a.
W 6	20 36	24 3	3 31	12 38	1 3	16 45	1 20	8 34	1 47	18 16	1 42	1 49	2 45	8 12	0 30	5 12	2 4	34 20	11 5	7 0	6 26	8 54		n.a.
T 7	20 23	20 9	2 39	12 4	1 12	16 21	1 19	8 45	1 46	18 19	1 42	1 50	2 45	8 12	0 30	5 13	2 4	34 20	11 5	7 3	6 27	8 51		n.a.
F 8	20 10	15 29	1 40	11 31	1 20	15 55	1 17	8 56	1 46	18 21	1 42	1 51	2 45	8 12	0 30	5 13	2 4	34 20	11 5	7 4	6 28	8 47		n.a.
S 9	19 57	10 18	0 38	10 58	1 29	15 30	1 16	9 6	1 45	18 24	1 42	1 52	2 46	8 12	0 30	5 13	2 4	34 21	11 5	7 5	6 29	8 44		n.a.
S 10	19 43	4 46	0s27	10 25	1 38	15 4	1 15	9 17	1 44	18 26	1 42	1 52	2 46	8 12	0 30	5 14	2 4	34 21	11 5	7 5	6 31	8 40		n.a.
M11	19 29	0s55	1 30	9 53	1 46	14 37	1 14	9 27	1 44	18 29	1 43	1 53	2 46	8 12	0 30	5 14	2 4	34 21	11 5	7 4	6 32	8 37		n.a.
T 12	19 15	6 36	2 29	9 21	1 55	14 10	1 12	9 37	1 43	18 31	1 43	1 54	2 46	8 12	0 30	5 15	2 4	34 21	11 5	7 4	6 33	8 34		n.a.
W13	19 0	12 7	3 23	8 50	2 3	13 43	1 11	9 47	1 43	18 34	1 43	1 55	2 47	8 12	0 30	5 15	2 4	34 21	11 5	7 3	6 34	8 30		n.a.
T 14	18 45	17 18	4 9	8 20	2 11	13 16	1 9	9 57	1 42	18 36	1 43	1 56	2 47	8 12	0 30	5 16	2 4	34 21	11 4	7 3	6 36	8 27		n.a.
F 15	18 29	21 53	4 44	7 50	2 19	12 48	1 8	10 6	1 42	18 38	1 43	1 57	2 47	8 12	0 30	5 16	2 4	34 21	11 4	7 3	6 37	8 24		n.a.
S 16	18 13	25 34	5 6	7 22	2 27	12 19	1 6	10 16	1 41	18 41	1 43	1 58	2 48	8 12	0 30	5 17	2 4	34 21	11 4	7 4	6 38	8 20		n.a.
S 17	17 57	28 2	5 13	6 54	2 35	11 51	1 4	10 25	1 40	18 43	1 43	1 59	2 48	8 12	0 30	5 17	2 4	34 21	11 4	7 5	6 39	8 17		n.a.
M18	17 41	28 52	5 2	6 28	2 43	11 22	1 3	10 34	1 40	18 46	1 43	2 0	2 48	8 12	0 30	5 18	2 4	34 21	11 4	7 7	6 40	8 14		n.a.
T 19	17 24	27 51	4 32	6 4	2 50	10 52	1 1	10 44	1 39	18 48	1 43	2 1	2 48	8 11	0 30	5 18	2 4	34 21	11 4	7 8	6 42	8 10		n.a.
W20	17 7	24 53	3 44	5 41	2 57	10 23	0 59	10 52	1 38	18 51	1 43	2 2	2 49	8 11	0 30	5 19	2 4	34 21	11 4	7 10	6 43	8 7		n.a.
T 21	16 50	20 12	2 40	5 19	3 4	9 53	0 57	11 1	1 38	18 53	1 44	2 4	2 49	8 11	0 30	5 19	2 4	34 21	11 4	7 11	6 44	8 3		n.a.
F 22	16 32	14 11	1 24	5 0	3 10	9 23	0 55	11 10	1 37	18 55	1 44	2 5	2 49	8 11	0 30	5 20	2 4	34 21	11 4	7 12	6 45	8 0		n.a.
S 23	16 14	7 20	0 2	4 43	3 16	8 53	0 53	11 18	1 36	18 58	1 44	2 6	2 49	8 11	0 30	5 21	2 4	34 21	11 4	7 12	6 47	7 57		n.a.
S 24	15 56	0 9	1n20	4 28	3 21	8 22	0 51	11 26	1 35	19 0	1 44	2 7	2 49	8 10	0 30	5 21	2 4	34 21	11 3	7 12	6 48	7 53		n.a.
M25	15 38	6n54	2 35	4 17	3 26	7 52	0 49	11 34	1 34	19 2	1 44	2 9	2 50	8 10	0 30	5 22	2 4	34 21	11 3	7 12	6 49	7 50		n.a.
T 26	15 19	13 26	3 38	4 8	3 30	7 21	0 46	11 42	1 34	19 5	1 44	2 10	2 50	8 10	0 30	5 22	2 5	34 21	11 3	7 11	6 50	7 47		n.a.
W27	15 0	19 8	4 27	4 2	3 32	6 50	0 44	11 50	1 33	19 7	1 44	2 12	2 50	8 9	0 30	5 23	2 5	34 21	11 3	7 11	6 52	7 43		n.a.
T 28	14 41	23 41	4 59	4 0	3 34	6 18	0 42	11 58	1 32	19 9	1 44	2 13	2 50	8 9	0 30	5 23	2 5	34 21	11 3	7 11	6 53	7 40		n.a.
F 29	14 21	26 54	5 14	4 2	3 35	5 47	0 40	12 5	1 31	19 11	1 44	2 15	2 51	8 9	0 30	5 24	2 5	34 21	11 3	7 11	6 54	7 36		n.a.
S 30	14 2	28 37	5 13	4 8	3 34	5 15	0 37	12 12	1 30	19 14	1 44	2 16	2 51	8 8	0 30	5 25	2 5	34 21	11 3	7 11	6 55	7 33		n.a.
S 31	13n42	28n48	4n57	4n18	3s32	4n44	0n35	12n19	1s29	19s16	1s44	2s18	2s51	8n 8	0s30	5s25	2s 5	34s21	11s 3	7s12	6s57	7n30		n.a.

Julian Day Number = 1203345.5, Delta T = 09h20m17s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'50, Lahiri = -23°31'50 Julian Calendar 1 Aug. 1419 BCE == Greg. Calendar 19 July 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

SEPTEMBER 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 48 49	25♌10'44	14♋13	10°R30	20♍49	6♉12	11°R29	0°R43	21°R40	21°R15	11°R34	11°R54	12♓34	11♍33	n.a.	M 1
T 2	21 52 45	26°10'20	26°25	9♍52	22° 3	6°29	11♒22	0♈39	21♈39	21♓14	11♑33	11♓51	12°31	11°40	n.a.	T 2
W 3	21 56 42	27° 9'57	8♌27	9° 5	23°18	6°46	11°14	0°36	21°38	21°12	11°32	11°49	12°27	11°47	n.a.	W 3
T 4	22 0 38	28° 9'37	20°22	8°11	24°32	7° 2	11° 7	0°32	21°36	21°11	11°31	11°48	12°24	11°53	n.a.	T 4
F 5	22 4 35	29° 9'20	2♍13	7°10	25°46	7°17	10°59	0°28	21°35	21° 9	11°31	11°47	12°21	12° 0	n.a.	F 5
S 6	22 8 31	0♍ 9'04	14° 0	6° 3	27° 0	7°32	10°52	0°24	21°34	21° 8	11°30	11°D46	12°18	12° 6	n.a.	S 6
S 7	22 12 28	1° 8'50	25°47	4°52	28°14	7°46	10°45	0°20	21°33	21° 6	11°29	11°47	12°15	12°13	n.a.	S 7
M 8	22 16 25	2° 8'38	7♎35	3°39	29°28	8° 0	10°38	0°16	21°31	21° 5	11°28	11°48	12°11	12°20	n.a.	M 8
T 9	22 20 21	3° 8'29	19°28	2°25	0♎42	8°13	10°31	0°12	21°30	21° 3	11°28	11°49	12° 8	12°26	n.a.	T 9
W10	22 24 18	4° 8'21	1♏30	1°12	1°56	8°26	10°25	0° 8	21°28	21° 1	11°27	11°49	12° 5	12°33	n.a.	W10
T 11	22 28 14	5° 8'15	13°43	0° 3	3°10	8°37	10°18	0° 4	21°27	21° 0	11°26	11°50	12° 2	12°40	n.a.	T 11
F 12	22 32 11	6° 8'11	26°13	29♌ 1	4°24	8°48	10°11	29♓59	21°25	20°58	11°26	11°50	11°59	12°46	n.a.	F 12
S 13	22 36 7	7° 8'09	9♐ 2	28° 5	5°38	8°59	10° 5	29°55	21°24	20°57	11°25	11°R51	11°56	12°53	n.a.	S 13
S 14	22 40 4	8° 8'09	22°16	27°20	6°52	9° 8	9°59	29°51	21°22	20°55	11°24	11°50	11°52	13° 0	n.a.	S 14
M15	22 44 0	9° 8'10	5♑55	26°44	8° 6	9°17	9°53	29°47	21°20	20°53	11°24	11°50	11°49	13° 6	n.a.	M15
T 16	22 47 57	10° 8'14	20° 1	26°20	9°19	9°26	9°47	29°42	21°19	20°52	11°23	11°50	11°46	13°13	n.a.	T 16
W17	22 51 53	11° 8'19	4♒34	26° 7	10°33	9°33	9°41	29°38	21°17	20°50	11°23	11°50	11°43	13°20	n.a.	W17
T 18	22 55 50	12° 8'26	19°27	26°D 5	11°47	9°40	9°35	29°33	21°15	20°48	11°22	11°D50	11°40	13°26	n.a.	T 18
F 19	22 59 47	13° 8'34	4♓36	26°15	13° 1	9°46	9°30	29°28	21°13	20°47	11°22	11°R50	11°37	13°33	n.a.	F 19
S 20	23 3 43	14° 8'45	19°51	26°35	14°15	9°51	9°25	29°24	21°12	20°45	11°21	11°50	11°33	13°39	n.a.	S 20
S 21	23 7 40	15° 8'57	5♈ 1	27° 5	15°29	9°56	9°20	29°19	21°10	20°43	11°21	11°50	11°30	13°46	n.a.	S 21
M22	23 11 36	16° 9'12	19°58	27°44	16°42	10° 0	9°15	29°14	21° 8	20°42	11°20	11°49	11°27	13°53	n.a.	M22
T 23	23 15 33	17° 9'28	4♉35	28°32	17°56	10° 3	9°10	29°10	21° 6	20°40	11°20	11°49	11°24	13°59	n.a.	T 23
W24	23 19 29	18° 9'47	18°46	29°26	19°10	10° 5	9° 5	29° 5	21° 4	20°38	11°20	11°48	11°21	14° 6	n.a.	W24
T 25	23 23 26	19°10'08	2♊30	0♍27	20°24	10° 6	9° 1	29° 0	21° 2	20°36	11°19	11°48	11°17	14°13	n.a.	T 25
F 26	23 27 22	20°10'32	15°47	1°34	21°37	10°R 7	8°56	28°55	21° 0	20°35	11°19	11°D47	11°14	14°19	n.a.	F 26
S 27	23 31 19	21°10'57	28°40	2°46	22°51	10° 6	8°52	28°50	20°58	20°33	11°19	11°47	11°11	14°26	n.a.	S 27
S 28	23 35 16	22°11'25	11♋12	4° 2	24° 5	10° 5	8°48	28°45	20°56	20°31	11°18	11°48	11° 8	14°33	n.a.	S 28
M29	23 39 12	23°11'54	23°27	5°21	25°18	10° 3	8°45	28°40	20°53	20°30	11°18	11°49	11° 5	14°39	n.a.	M29
T 30	23 43 9	24♍12'26	5♌30	6♍43	26♎32	10♉ 0	8♒41	28♓35	20♈51	20♓28	11♑18	11♓50	11♓ 2	14♍46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n21	27n31	4n27	4n33	3s29	4n12	0n32	12n26	1s28	19s18	1s44	2s19	2s51	8n 8	0s30	5s26	2s 5	34s21	11s 2	7s13	6s58	7n26		n.a.
T 2	13 1	24 56	3 46	4 52	3 23	3 40	0 30	12 33	1 27	19 20	1 44	2 21	2 51	8 7	0 30	5 27	2 5	34 20	11 2	7 14	6 59	7 23		n.a.
W 3	12 40	21 16	2 54	5 17	3 16	3 8	0 27	12 39	1 26	19 22	1 44	2 22	2 51	8 7	0 30	5 27	2 5	34 20	11 2	7 15	7 0	7 20		n.a.
T 4	12 19	16 47	1 56	5 46	3 7	2 35	0 25	12 46	1 25	19 24	1 43	2 24	2 52	8 6	0 30	5 28	2 5	34 20	11 2	7 16	7 2	7 16		n.a.
F 5	11 58	11 42	0 53	6 19	2 56	2 3	0 22	12 52	1 24	19 26	1 43	2 26	2 52	8 6	0 30	5 28	2 5	34 20	11 2	7 16	7 3	7 13		n.a.
S 6	11 37	6 13	0s12	6 56	2 42	1 31	0 20	12 58	1 23	19 28	1 43	2 27	2 52	8 5	0 30	5 29	2 5	34 20	11 2	7 16	7 4	7 9		n.a.
S 7	11 15	0 32	1 17	7 37	2 27	0 58	0 17	13 4	1 22	19 30	1 43	2 29	2 52	8 5	0 30	5 30	2 5	34 20	11 1	7 16	7 5	7 6		n.a.
M 8	10 54	5s10	2 19	8 19	2 11	0 26	0 14	13 9	1 21	19 32	1 43	2 31	2 52	8 4	0 30	5 30	2 5	34 20	11 1	7 16	7 6	7 3		n.a.
T 9	10 32	10 44	3 15	9 3	1 52	0s 6	0 11	13 14	1 20	19 34	1 43	2 33	2 52	8 4	0 30	5 31	2 5	34 20	11 1	7 15	7 8	6 59		n.a.
W10	10 10	15 59	4 3	9 48	1 33	0 39	0 9	13 20	1 18	19 35	1 43	2 35	2 53	8 3	0 30	5 32	2 5	34 20	11 1	7 15	7 9	6 56		n.a.
T 11	9 48	20 41	4 41	10 31	1 13	1 11	0 6	13 25	1 17	19 37	1 43	2 36	2 53	8 3	0 30	5 32	2 5	34 20	11 1	7 15	7 10	6 52		n.a.
F 12	9 25	24 36	5 6	11 12	0 52	1 44	0 3	13 29	1 16	19 39	1 43	2 38	2 53	8 2	0 30	5 33	2 5	34 20	11 1	7 15	7 11	6 49		n.a.
S 13	9 3	27 25	5 18	11 51	0 32	2 16	0 0	13 34	1 15	19 41	1 43	2 40	2 53	8 1	0 30	5 34	2 5	34 19	11 0	7 15	7 13	6 46		n.a.
S 14	8 40	28 50	5 13	12 26	0 12	2 49	0s 3	13 38	1 13	19 42	1 43	2 42	2 53	8 1	0 30	5 34	2 5	34 19	11 0	7 15	7 14	6 42		n.a.
M15	8 17	28 34	4 50	12 56	0n 7	3 21	0 5	13 43	1 12	19 44	1 42	2 44	2 53	8 0	0 30	5 35	2 5	34 19	11 0	7 15	7 15	6 39		n.a.
T 16	7 54	26 28	4 10	13 21	0 25	3 53	0 8	13 46	1 11	19 45	1 42	2 46	2 53	7 59	0 30	5 36	2 5	34 19	11 0	7 15	7 16	6 35		n.a.
W17	7 31	22 35	3 13	13 41	0 42	4 25	0 11	13 50	1 9	19 47	1 42	2 48	2 53	7 59	0 30	5 36	2 5	34 19	11 0	7 15	7 18	6 32		n.a.
T 18	7 8	17 10	2 1	13 56	0 57	4 57	0 14	13 54	1 8	19 48	1 42	2 50	2 54	7 58	0 30	5 37	2 5	34 19	10 59	7 15	7 19	6 29		n.a.
F 19	6 44	10 37	0 40	14 6	1 11	5 29	0 17	13 57	1 6	19 49	1 42	2 52	2 54	7 57	0 30	5 38	2 5	34 19	10 59	7 15	7 20	6 25		n.a.
S 20	6 21	3 25	0n44	14 10	1 23	6 1	0 20	14 0	1 5	19 51	1 42	2 54	2 54	7 57	0 30	5 38	2 5	34 18	10 59	7 15	7 21	6 22		n.a.
S 21	5 57	3n57	2 5	14 9	1 33	6 33	0 23	14 3	1 3	19 52	1 41	2 56	2 54	7 56	0 30	5 39	2 5	34 18	10 59	7 15	7 22	6 18		n.a.
M22	5 33	10 58	3 17	14 4	1 42	7 4	0 26	14 6	1 2	19 53	1 41	2 58	2 54	7 55	0 30	5 40	2 5	34 18	10 59	7 15	7 24	6 15		n.a.
T 23	5 10	17 14	4 13	13 54	1 50	7 36	0 29	14 8	1 0	19 54	1 41	3 0	2 54	7 54	0 30	5 41	2 5	34 18	10 58	7 15	7 25	6 11		n.a.
W24	4 46	22 23	4 53	13 41	1 56	8 7	0 32	14 11	0 58	19 55	1 41	3 1	2 54	7 54	0 30	5 41	2 5	34 18	10 58	7 16	7 26	6 8		n.a.
T 25	4 22	26 9	5 14	13 23	2 1	8 38	0 35	14 13	0 57	19 56	1 41	3 3	2 54	7 53	0 30	5 42	2 5	34 18	10 58	7 16	7 27	6 5		n.a.
F 26	3 58	28 20	5 17	13 2	2 5	9 9	0 38	14 14	0 55	19 57	1 41	3 6	2 54	7 52	0 30	5 43	2 5	34 17	10 58	7 16	7 29	6 1		n.a.
S 27	3 33	28 56	5 4	12 39	2 7	9 40	0 41	14 16	0 53	19 58	1 40	3 8	2 54	7 51	0 30	5 43	2 5	34 17	10 58	7 16	7 30	5 58		n.a.
S 28	3 9	27 59	4 37	12 12	2 9	10 10	0 43	14 17	0 51	19 59	1 40	3 10	2 54	7 50	0 30	5 44	2 5	34 17	10 57	7 16	7 31	5 54		n.a.
M29	2 45	25 41	3 58	11 43	2 9	10 40	0 46	14 18	0 49	20 0	1 40	3 12	2 54	7 50	0 30	5 45	2 5	34 17	10 57	7 15	7 32	5 51		n.a.
T 30	2n20	22n16	3n 8	11n11	2n 9	11s10	0s49	14n19	0s48	20s 1	1s40	3s14	2s54	7n49	0s30	5s45	2s 5	34s17	10s57	7s15	7s34	5n48		n.a.

Julian Day Number = 1203376.5, Delta T = 09h20m15s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'46, Lahiri = -23°31'45 Julian Calendar 1 Sept. 1419 BCE == Greg. Calendar 19 Aug. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

OCTOBER 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 47 5	25♍12'59	17♌24	8♍ 8	27♎45	9°R56	8°R38	28°R31	20°R49	20°R26	11°R18	11♓51	10♓58	14♍53	n.a.	W 1
T 2	23 51 2	26°13'35	29°13	9°36	28°59	9♉52	8♒35	28♓26	20♈47	20♓25	11♐17	11°52	10°55	14°59	n.a.	T 2
F 3	23 54 58	27°14'12	10♍59	11° 4	0♏12	9°46	8°32	28°21	20°45	20°23	11°17	11°R53	10°52	15° 6	n.a.	F 3
S 4	23 58 55	28°14'50	22°47	12°35	1°26	9°40	8°29	28°16	20°42	20°21	11°17	11°52	10°49	15°13	n.a.	S 4
S 5	0 2 51	29°15'31	4♎37	14° 6	2°39	9°32	8°26	28°11	20°40	20°20	11°17	11°51	10°46	15°19	n.a.	S 5
M 6	0 6 48	0♎16'13	16°32	15°39	3°53	9°24	8°24	28° 6	20°38	20°18	11°17	11°49	10°42	15°26	n.a.	M 6
T 7	0 10 44	1°16'57	28°34	17°12	5° 6	9°15	8°22	28° 1	20°35	20°16	11°17	11°46	10°39	15°32	n.a.	T 7
W 8	0 14 41	2°17'42	10♏44	18°46	6°20	9° 5	8°20	27°56	20°33	20°15	11°D17	11°42	10°36	15°39	n.a.	W 8
T 9	0 18 38	3°18'29	23° 6	20°20	7°33	8°54	8°18	27°51	20°31	20°13	11°17	11°39	10°33	15°46	n.a.	T 9
F 10	0 22 34	4°19'16	5♐40	21°55	8°47	8°43	8°17	27°46	20°28	20°11	11°17	11°36	10°30	15°52	n.a.	F 10
S 11	0 26 31	5°20'06	18°30	23°29	10° 0	8°30	8°15	27°41	20°26	20°10	11°17	11°34	10°27	15°59	n.a.	S 11
S 12	0 30 27	6°20'56	1♑38	25° 4	11°13	8°17	8°14	27°36	20°23	20° 8	11°17	11°D33	10°23	16° 6	n.a.	S 12
M13	0 34 24	7°21'48	15° 8	26°39	12°26	8° 3	8°13	27°31	20°21	20° 6	11°17	11°33	10°20	16°12	n.a.	M13
T 14	0 38 20	8°22'40	28°59	28°15	13°40	7°48	8°13	27°27	20°18	20° 5	11°17	11°34	10°17	16°19	n.a.	T 14
W15	0 42 17	9°23'34	13♒13	29°50	14°53	7°32	8°12	27°22	20°16	20° 3	11°18	11°35	10°14	16°26	n.a.	W15
T 16	0 46 14	10°24'28	27°49	1♎25	16° 6	7°16	8°12	27°17	20°13	20° 2	11°18	11°37	10°11	16°32	n.a.	T 16
F 17	0 50 10	11°25'24	12♓43	3° 0	17°19	6°59	8°D12	27°12	20°11	20° 0	11°18	11°R37	10° 8	16°39	n.a.	F 17
S 18	0 54 7	12°26'21	27°47	4°35	18°32	6°41	8°12	27° 8	20° 8	19°59	11°18	11°36	10° 4	16°46	n.a.	S 18
S 19	0 58 3	13°27'18	12♈55	6°10	19°45	6°23	8°12	27° 3	20° 6	19°57	11°19	11°34	10° 1	16°52	n.a.	S 19
M20	1 2 0	14°28'17	27°55	7°44	20°58	6° 4	8°13	26°58	20° 3	19°56	11°19	11°30	9°58	16°59	n.a.	M20
T 21	1 5 56	15°29'18	12♉40	9°19	22°11	5°44	8°13	26°54	20° 1	19°54	11°19	11°25	9°55	17° 6	n.a.	T 21
W22	1 9 53	16°30'19	27° 2	10°54	23°24	5°24	8°14	26°49	19°58	19°53	11°20	11°19	9°52	17°12	n.a.	W22
T 23	1 13 49	17°31'22	10♊56	12°29	24°37	5° 3	8°16	26°45	19°56	19°51	11°20	11°14	9°48	17°19	n.a.	T 23
F 24	1 17 46	18°32'27	24°22	14° 3	25°50	4°42	8°17	26°40	19°53	19°50	11°20	11°10	9°45	17°25	n.a.	F 24
S 25	1 21 43	19°33'32	7♋21	15°38	27° 2	4°20	8°18	26°36	19°51	19°48	11°21	11° 7	9°42	17°32	n.a.	S 25
S 26	1 25 39	20°34'39	19°55	17°12	28°15	3°58	8°20	26°32	19°48	19°47	11°21	11°D 6	9°39	17°39	n.a.	S 26
M27	1 29 36	21°35'47	2♌10	18°46	29°28	3°36	8°22	26°27	19°46	19°45	11°22	11° 7	9°36	17°45	n.a.	M27
T 28	1 33 32	22°36'56	14°11	20°21	0♐40	3°13	8°24	26°23	19°43	19°44	11°22	11° 8	9°33	17°52	n.a.	T 28
W29	1 37 29	23°38'07	26° 1	21°55	1°53	2°49	8°27	26°19	19°41	19°43	11°23	11°10	9°29	17°59	n.a.	W29
T 30	1 41 25	24°39'18	7♍48	23°30	3° 6	2°26	8°29	26°15	19°38	19°41	11°23	11°R11	9°26	18° 5	n.a.	T 30
F 31	1 45 22	25♎40'30	19♍34	25♎ 4	4♐18	2♉ 2	8♒32	26♓11	19♈36	19♓40	11♑24	11♓11	9♓23	18♍12	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	1n56	17n59	2n12	10n38	2n 8	11s40	0s52	14n20	0s46	20s 1	1s39	3s16	2s54	7n48	0s30	5s46	2s 5	34s16	10s57	7s14	7s35	5n44			n.a.
T 2	1 32	13 2	1 10	10 3	2 6	12 10	0 55	14 20	0 44	20 2	1 39	3 18	2 54	7 47	0 30	5 47	2 5	34 16	10 56	7 14	7 36	5 41			n.a.
F 3	1 7	7 39	0 5	9 27	2 4	12 39	0 58	14 20	0 42	20 3	1 39	3 20	2 54	7 46	0 30	5 47	2 5	34 16	10 56	7 14	7 37	5 37			n.a.
S 4	0 43	2 0	1s 0	8 49	2 1	13 8	1 1	14 20	0 40	20 3	1 39	3 22	2 54	7 45	0 30	5 48	2 5	34 16	10 56	7 14	7 38	5 34			n.a.
S 5	0 18	3s44	2 3	8 10	1 58	13 36	1 4	14 20	0 38	20 4	1 39	3 24	2 54	7 45	0 30	5 49	2 5	34 16	10 56	7 14	7 40	5 30			n.a.
M 6	0s 7	9 22	3 0	7 30	1 54	14 4	1 6	14 19	0 36	20 4	1 38	3 26	2 54	7 44	0 30	5 49	2 5	34 15	10 56	7 15	7 41	5 27			n.a.
T 7	0 31	14 44	3 50	6 49	1 50	14 32	1 9	14 18	0 33	20 4	1 38	3 28	2 54	7 43	0 30	5 50	2 5	34 15	10 55	7 16	7 42	5 24			n.a.
W 8	0 56	19 35	4 30	6 8	1 45	15 0	1 12	14 17	0 31	20 5	1 38	3 29	2 54	7 42	0 30	5 51	2 5	34 15	10 55	7 18	7 43	5 20			n.a.
T 9	1 20	23 41	4 59	5 26	1 41	15 27	1 15	14 16	0 29	20 5	1 38	3 31	2 54	7 41	0 30	5 51	2 5	34 15	10 55	7 19	7 45	5 17			n.a.
F 10	1 45	26 46	5 13	4 43	1 35	15 54	1 17	14 14	0 27	20 5	1 37	3 33	2 54	7 40	0 30	5 52	2 5	34 14	10 55	7 20	7 46	5 13			n.a.
S 11	2 9	28 33	5 12	4 0	1 30	16 20	1 20	14 12	0 24	20 5	1 37	3 35	2 54	7 39	0 30	5 53	2 5	34 14	10 54	7 21	7 47	5 10			n.a.
S 12	2 34	28 47	4 56	3 17	1 24	16 46	1 23	14 10	0 22	20 5	1 37	3 37	2 54	7 38	0 30	5 53	2 5	34 14	10 54	7 22	7 48	5 6			n.a.
M13	2 58	27 20	4 22	2 33	1 19	17 12	1 25	14 8	0 20	20 5	1 37	3 39	2 54	7 37	0 30	5 54	2 5	34 14	10 54	7 21	7 49	5 3			n.a.
T 14	3 23	24 12	3 33	1 49	1 13	17 37	1 28	14 5	0 17	20 5	1 36	3 41	2 54	7 36	0 30	5 54	2 5	34 13	10 54	7 21	7 51	5 0			n.a.
W15	3 47	19 32	2 30	1 5	1 7	18 1	1 30	14 2	0 15	20 5	1 36	3 43	2 54	7 35	0 30	5 55	2 5	34 13	10 53	7 20	7 52	4 56			n.a.
T 16	4 11	13 37	1 15	0 21	1 0	18 25	1 33	13 59	0 12	20 5	1 36	3 45	2 54	7 34	0 30	5 56	2 5	34 13	10 53	7 20	7 53	4 53			n.a.
F 17	4 36	6 49	0n 6	0s23	0 54	18 49	1 35	13 56	0 10	20 5	1 36	3 46	2 53	7 33	0 30	5 56	2 5	34 13	10 53	7 20	7 54	4 49			n.a.
S 18	5 0	0n26	1 28	1 7	0 48	19 12	1 37	13 52	0 7	20 4	1 35	3 48	2 53	7 32	0 30	5 57	2 5	34 12	10 53	7 20	7 56	4 46			n.a.
S 19	5 24	7 41	2 43	1 52	0 41	19 35	1 40	13 48	0 5	20 4	1 35	3 50	2 53	7 32	0 30	5 57	2 5	34 12	10 53	7 21	7 57	4 42			n.a.
M20	5 48	14 26	3 47	2 36	0 35	19 57	1 42	13 44	0 2	20 4	1 35	3 52	2 53	7 31	0 30	5 58	2 5	34 12	10 52	7 23	7 58	4 39			n.a.
T 21	6 12	20 15	4 34	3 20	0 28	20 19	1 44	13 40	0n 0	20 3	1 35	3 54	2 53	7 30	0 30	5 59	2 5	34 12	10 52	7 25	7 59	4 36			n.a.
W22	6 36	24 44	5 2	4 3	0 22	20 40	1 46	13 36	0 3	20 3	1 34	3 55	2 53	7 29	0 30	5 59	2 5	34 11	10 52	7 27	8 0	4 32			n.a.
T 23	7 0	27 37	5 12	4 47	0 15	21 0	1 48	13 31	0 5	20 2	1 34	3 57	2 53	7 28	0 30	6 0	2 5	34 11	10 52	7 29	8 2	4 29			n.a.
F 24	7 23	28 48	5 4	5 31	0 8	21 20	1 50	13 26	0 8	20 1	1 34	3 59	2 53	7 27	0 30	6 0	2 5	34 11	10 51	7 30	8 3	4 25			n.a.
S 25	7 47	28 19	4 40	6 14	0 2	21 40	1 52	13 21	0 11	20 1	1 34	4 0	2 52	7 26	0 30	6 1	2 5	34 11	10 51	7 31	8 4	4 22			n.a.
S 26	8 10	26 22	4 3	6 57	0s 5	21 59	1 54	13 16	0 13	20 0	1 33	4 2	2 52	7 25	0 30	6 1	2 5	34 10	10 51	7 32	8 5	4 18			n.a.
M27	8 34	23 13	3 16	7 39	0 11	22 17	1 56	13 11	0 16	19 59	1 33	4 3	2 52	7 24	0 30	6 2	2 5	34 10	10 51	7 31	8 7	4 15			n.a.
T 28	8 57	19 7	2 22	8 21	0 18	22 34	1 58	13 5	0 18	19 58	1 33	4 5	2 52	7 23	0 30	6 2	2 5	34 10	10 50	7 31	8 8	4 12			n.a.
W29	9 20	14 21	1 22	9 3	0 24	22 51	1 59	13 0	0 21	19 58	1 32	4 6	2 52	7 22	0 30	6 3	2 5	34 10	10 50	7 30	8 9	4 8			n.a.
T 30	9 43	9 5	0 18	9 45	0 30	23 8	2 1	12 54	0 24	19 57	1 32	4 8	2 52	7 21	0 30	6 3	2 5	34 9	10 50	7 30	8 10	4 5			n.a.
F 31	10s 6	3n31	0s45	10s26	0s37	23s23	2s 3	12n48	0n26	19s56	1s32	4s 9	2s51	7n20	0s30	6s 4	2s 5	34s 9	10s50	7s30	8s11	4n 1			n.a.

Julian Day Number = 1203406.5, Delta T = 09h20m13s
Ecliptic obliquity = 23°51'52, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'42, Lahiri = -23°31'41 Julian Calendar 1 Oct. 1419 BCE == Greg. Calendar 18 Sept. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

NOVEMBER 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 49 18	26♎41'43	1♎24	26♎38	5♐31	1°R39	8♒35	26°R 7	19°R33	19°R39	11♑25	11°R 8	9♓20	18♍19	n.a.	S 1
S 2	1 53 15	27°42'57	13°20	28°13	6°43	1♉15	8°38	26♓ 3	19♈31	19♓38	11°25	11♓ 4	9°17	18°25	n.a.	S 2
M 3	1 57 12	28°44'12	25°25	29°48	7°55	0°51	8°42	26° 0	19°28	19°36	11°26	10°57	9°14	18°32	n.a.	M 3
T 4	2 1 8	29°45'27	7♏40	1♏22	9° 8	0°27	8°45	25°56	19°26	19°35	11°27	10°48	9°10	18°39	n.a.	T 4
W 5	2 5 5	0♏46'43	20° 6	2°57	10°20	0° 4	8°49	25°52	19°23	19°34	11°27	10°38	9° 7	18°45	n.a.	W 5
T 6	2 9 1	1°48'00	2♐44	4°32	11°32	29♈40	8°53	25°49	19°21	19°33	11°28	10°28	9° 4	18°52	n.a.	T 6
F 7	2 12 58	2°49'17	15°33	6° 7	12°44	29°16	8°57	25°45	19°18	19°32	11°29	10°19	9° 1	18°59	n.a.	F 7
S 8	2 16 54	3°50'34	28°34	7°42	13°56	28°53	9° 1	25°42	19°16	19°30	11°30	10°12	8°58	19° 5	n.a.	S 8
S 9	2 20 51	4°51'51	11♑49	9°17	15° 8	28°30	9° 6	25°39	19°13	19°29	11°30	10° 7	8°54	19°12	n.a.	S 9
M10	2 24 47	5°53'09	25°17	10°53	16°20	28° 8	9°11	25°36	19°11	19°28	11°31	10° 5	8°51	19°18	n.a.	M10
T 11	2 28 44	6°54'26	9♒ 0	12°28	17°32	27°45	9°16	25°33	19° 9	19°27	11°32	10°D 4	8°48	19°25	n.a.	T 11
W12	2 32 41	7°55'44	22°59	14° 4	18°43	27°24	9°21	25°30	19° 6	19°26	11°33	10° 5	8°45	19°32	n.a.	W12
T 13	2 36 37	8°57'01	7♓14	15°40	19°55	27° 2	9°26	25°27	19° 4	19°25	11°34	10°R 5	8°42	19°38	n.a.	T 13
F 14	2 40 34	9°58'19	21°44	17°16	21° 6	26°41	9°31	25°24	19° 1	19°24	11°35	10° 5	8°39	19°45	n.a.	F 14
S 15	2 44 30	10°59'36	6♈25	18°53	22°18	26°21	9°37	25°21	18°59	19°23	11°36	10° 2	8°35	19°52	n.a.	S 15
S 16	2 48 27	12° 0'53	21°11	20°29	23°29	26° 1	9°43	25°19	18°57	19°23	11°37	9°57	8°32	19°58	n.a.	S 16
M17	2 52 23	13° 2'11	5♉56	22° 6	24°40	25°42	9°49	25°16	18°55	19°22	11°38	9°49	8°29	20° 5	n.a.	M17
T 18	2 56 20	14° 3'28	20°32	23°42	25°52	25°23	9°55	25°14	18°52	19°21	11°39	9°39	8°26	20°12	n.a.	T 18
W19	3 0 17	15° 4'45	4♊50	25°19	27° 3	25° 5	10° 1	25°11	18°50	19°20	11°40	9°28	8°23	20°18	n.a.	W19
T 20	3 4 13	16° 6'03	18°46	26°56	28°14	24°48	10° 8	25° 9	18°48	19°19	11°41	9°17	8°20	20°25	n.a.	T 20
F 21	3 8 10	17° 7'21	2♋16	28°33	29°25	24°31	10°14	25° 7	18°46	19°19	11°42	9° 7	8°16	20°32	n.a.	F 21
S 22	3 12 6	18° 8'39	15°20	0♐ 9	0♑35	24°15	10°21	25° 5	18°44	19°18	11°43	9° 0	8°13	20°38	n.a.	S 22
S 23	3 16 3	19° 9'57	27°59	1°46	1°46	24° 0	10°28	25° 3	18°42	19°17	11°44	8°56	8°10	20°45	n.a.	S 23
M24	3 19 59	20°11'15	10♌17	3°22	2°56	23°46	10°35	25° 2	18°40	19°16	11°45	8°54	8° 7	20°52	n.a.	M24
T 25	3 23 56	21°12'33	22°19	4°58	4° 7	23°32	10°43	25° 0	18°37	19°16	11°47	8°D53	8° 4	20°58	n.a.	T 25
W26	3 27 53	22°13'51	4♍11	6°34	5°17	23°19	10°50	24°58	18°35	19°15	11°48	8°R53	8° 0	21° 5	n.a.	W26
T 27	3 31 49	23°15'08	15°58	8° 9	6°27	23° 7	10°58	24°57	18°34	19°15	11°49	8°53	7°57	21°11	n.a.	T 27
F 28	3 35 46	24°16'26	27°45	9°42	7°37	22°56	11° 5	24°56	18°32	19°14	11°50	8°52	7°54	21°18	n.a.	F 28
S 29	3 39 42	25°17'44	9♎38	11°15	8°47	22°45	11°13	24°54	18°30	19°14	11°52	8°48	7°51	21°25	n.a.	S 29
S 30	3 43 39	26♏19'01	21♎40	12♐47	9♑57	22♈35	11♒21	24♓53	18♈28	19♓13	11♑53	8♓41	7♓48	21♍31	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s28	2s12	1s47	11s 7	0s43	23s38	2s 4	12n42	0n29	19s55	1s32	4s11	2s51	7n19	0s30	6s 4	2s 5	34s 9	10s50	7s31	8s13	3n58		n.a.
S 2	10 51	7 53	2 45	11 47	0 49	23 53	2 5	12 36	0 31	19 53	1 31	4 12	2 51	7 18	0 30	6 5	2 4	34 8	10 49	7 33	8 14	3 54		n.a.
M 3	11 13	13 20	3 36	12 27	0 55	24 6	2 7	12 30	0 34	19 52	1 31	4 13	2 51	7 17	0 30	6 5	2 4	34 8	10 49	7 35	8 15	3 51		n.a.
T 4	11 35	18 21	4 17	13 6	1 0	24 19	2 8	12 24	0 36	19 51	1 31	4 15	2 51	7 16	0 30	6 6	2 4	34 8	10 49	7 39	8 16	3 47		n.a.
W 5	11 57	22 41	4 47	13 45	1 6	24 31	2 9	12 18	0 39	19 50	1 31	4 16	2 50	7 15	0 30	6 6	2 4	34 8	10 49	7 42	8 17	3 44		n.a.
T 6	12 19	26 2	5 3	14 23	1 11	24 43	2 10	12 11	0 41	19 48	1 30	4 17	2 50	7 14	0 30	6 7	2 4	34 7	10 49	7 46	8 19	3 41		n.a.
F 7	12 40	28 7	5 5	15 0	1 17	24 54	2 11	12 5	0 44	19 47	1 30	4 18	2 50	7 13	0 30	6 7	2 4	34 7	10 48	7 50	8 20	3 37		n.a.
S 8	13 1	28 42	4 51	15 37	1 22	25 4	2 12	11 59	0 46	19 46	1 30	4 20	2 50	7 12	0 30	6 7	2 4	34 7	10 48	7 53	8 21	3 34		n.a.
S 9	13 22	27 40	4 21	16 13	1 27	25 13	2 13	11 53	0 48	19 44	1 30	4 21	2 50	7 11	0 30	6 8	2 4	34 6	10 48	7 54	8 22	3 30		n.a.
M10	13 43	25 0	3 36	16 48	1 32	25 22	2 14	11 47	0 51	19 43	1 29	4 22	2 49	7 11	0 30	6 8	2 4	34 6	10 48	7 55	8 24	3 27		n.a.
T 11	14 4	20 52	2 39	17 23	1 36	25 30	2 14	11 41	0 53	19 41	1 29	4 23	2 49	7 10	0 30	6 8	2 4	34 6	10 48	7 56	8 25	3 23		n.a.
W12	14 24	15 31	1 30	17 56	1 41	25 37	2 15	11 35	0 55	19 39	1 29	4 24	2 49	7 9	0 30	6 9	2 4	34 6	10 47	7 55	8 26	3 20		n.a.
T 13	14 44	9 14	0 15	18 29	1 45	25 43	2 15	11 29	0 57	19 38	1 29	4 25	2 49	7 8	0 30	6 9	2 4	34 5	10 47	7 55	8 27	3 16		n.a.
F 14	15 4	2 23	1n 2	19 1	1 48	25 49	2 16	11 24	1 0	19 36	1 28	4 26	2 48	7 7	0 30	6 10	2 4	34 5	10 47	7 55	8 28	3 13		n.a.
S 15	15 23	4n40	2 16	19 32	1 52	25 54	2 16	11 18	1 2	19 34	1 28	4 26	2 48	7 6	0 30	6 10	2 4	34 5	10 47	7 56	8 30	3 10		n.a.
S 16	15 43	11 30	3 21	20 2	1 55	25 58	2 16	11 13	1 4	19 32	1 28	4 27	2 48	7 5	0 30	6 10	2 4	34 5	10 47	7 58	8 31	3 6		n.a.
M17	16 2	17 41	4 12	20 31	1 58	26 1	2 16	11 7	1 6	19 31	1 28	4 28	2 48	7 4	0 30	6 10	2 4	34 4	10 46	8 2	8 32	3 3		n.a.
T 18	16 20	22 47	4 47	20 59	2 1	26 4	2 16	11 2	1 8	19 29	1 27	4 29	2 47	7 4	0 30	6 11	2 4	34 4	10 46	8 5	8 33	2 59		n.a.
W19	16 39	26 25	5 2	21 25	2 3	26 6	2 16	10 57	1 10	19 27	1 27	4 29	2 47	7 3	0 30	6 11	2 4	34 4	10 46	8 10	8 34	2 56		n.a.
T 20	16 57	28 21	4 59	21 50	2 5	26 7	2 15	10 53	1 12	19 25	1 27	4 30	2 47	7 2	0 30	6 11	2 4	34 3	10 46	8 14	8 36	2 52		n.a.
F 21	17 15	28 30	4 39	22 14	2 6	26 7	2 15	10 48	1 13	19 23	1 27	4 31	2 46	7 1	0 30	6 11	2 3	34 3	10 46	8 17	8 37	2 49		n.a.
S 22	17 32	27 1	4 5	22 37	2 7	26 6	2 15	10 44	1 15	19 20	1 26	4 31	2 46	7 0	0 30	6 12	2 3	34 3	10 45	8 20	8 38	2 45		n.a.
S 23	17 49	24 11	3 20	22 58	2 8	26 5	2 14	10 39	1 17	19 18	1 26	4 32	2 46	7 0	0 30	6 12	2 3	34 3	10 45	8 22	8 39	2 42		n.a.
M24	18 6	20 19	2 26	23 17	2 8	26 3	2 13	10 36	1 18	19 16	1 26	4 32	2 46	6 59	0 30	6 12	2 3	34 2	10 45	8 23	8 40	2 39		n.a.
T 25	18 23	15 41	1 27	23 35	2 7	26 0	2 12	10 32	1 20	19 14	1 26	4 33	2 45	6 58	0 30	6 12	2 3	34 2	10 45	8 23	8 42	2 35		n.a.
W26	18 39	10 32	0 25	23 51	2 6	25 57	2 12	10 28	1 22	19 12	1 25	4 33	2 45	6 57	0 30	6 12	2 3	34 2	10 45	8 23	8 43	2 32		n.a.
T 27	18 55	5 3	0s38	24 6	2 4	25 53	2 11	10 25	1 23	19 9	1 25	4 33	2 45	6 56	0 30	6 13	2 3	34 1	10 45	8 23	8 44	2 28		n.a.
F 28	19 10	0s35	1 38	24 18	2 2	25 48	2 9	10 22	1 25	19 7	1 25	4 33	2 44	6 56	0 30	6 13	2 3	34 1	10 44	8 23	8 45	2 25		n.a.
S 29	19 26	6 15	2 35	24 29	1 59	25 42	2 8	10 20	1 26	19 4	1 25	4 34	2 44	6 55	0 30	6 13	2 3	34 1	10 44	8 25	8 46	2 21		n.a.
S 30	19s40	11s46	3s26	24s38	1s55	25s35	2s 7	10n17	1n27	19s 2	1s25	4s34	2s44	6n54	0s30	6s13	2s 3	34s 1	10s44	8s28	8s48	2n18		n.a.

Julian Day Number = 1203437.5, Delta T = 09h20m12s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'38, Lahiri = -23°31'37 Julian Calendar 1 Nov. 1419 BCE == Greg. Calendar 19 Oct. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1419 BCE
geocentric

DECEMBER 1419 BCE (-1418) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 47 35	27♏20'18	3♏55	14♐16	11♉ 7	22°R26	11♒30	24°R52	18°R26	19°R13	11♉54	8°R31	7♓45	21♍38	n.a.	M 1
T 2	3 51 32	28°21'35	16°24	15°44	12°16	22♈18	11°38	24♓51	18♈24	19♓12	11°55	8♓19	7°41	21°45	n.a.	T 2
W 3	3 55 28	29°22'51	29° 8	17° 9	13°26	22°11	11°46	24°51	18°22	19°12	11°57	8° 5	7°38	21°51	n.a.	W 3
T 4	3 59 25	0♐24'07	12♐ 6	18°31	14°35	22° 5	11°55	24°50	18°21	19°12	11°58	7°51	7°35	21°58	n.a.	T 4
F 5	4 3 22	1°25'22	25°18	19°50	15°44	21°59	12° 4	24°50	18°19	19°12	11°59	7°38	7°32	22° 5	n.a.	F 5
S 6	4 7 18	2°26'37	8♉41	21° 4	16°53	21°54	12°13	24°49	18°17	19°11	12° 1	7°27	7°29	22°11	n.a.	S 6
S 7	4 11 15	3°27'50	22°14	22°13	18° 2	21°50	12°22	24°49	18°16	19°11	12° 2	7°19	7°25	22°18	n.a.	S 7
M 8	4 15 11	4°29'03	5♒55	23°17	19°10	21°47	12°31	24°49	18°14	19°11	12° 4	7°15	7°22	22°25	n.a.	M 8
T 9	4 19 8	5°30'14	19°44	24°15	20°19	21°45	12°40	24°D49	18°13	19°11	12° 5	7°12	7°19	22°31	n.a.	T 9
W10	4 23 4	6°31'24	3♓41	25° 5	21°27	21°43	12°50	24°49	18°11	19°11	12° 6	7°12	7°16	22°38	n.a.	W10
T 11	4 27 1	7°32'33	17°45	25°46	22°35	21°42	12°59	24°49	18°10	19°11	12° 8	7°12	7°13	22°45	n.a.	T 11
F 12	4 30 58	8°33'41	1♈56	26°19	23°43	21°D42	13° 9	24°49	18° 9	19°11	12° 9	7°11	7°10	22°51	n.a.	F 12
S 13	4 34 54	9°34'48	16°12	26°42	24°50	21°43	13°19	24°50	18° 7	19°D11	12°11	7° 7	7° 6	22°58	n.a.	S 13
S 14	4 38 51	10°35'53	0♉31	26°55	25°58	21°45	13°29	24°50	18° 6	19°11	12°12	7° 1	7° 3	23° 5	n.a.	S 14
M15	4 42 47	11°36'57	14°49	26°R56	27° 5	21°47	13°39	24°51	18° 5	19°11	12°14	6°52	7° 0	23°11	n.a.	M15
T 16	4 46 44	12°38'00	29° 0	26°46	28°12	21°50	13°49	24°51	18° 3	19°11	12°15	6°40	6°57	23°18	n.a.	T 16
W17	4 50 40	13°39'02	12♊59	26°24	29°19	21°53	13°59	24°52	18° 2	19°11	12°17	6°27	6°54	23°25	n.a.	W17
T 18	4 54 37	14°40'03	26°42	25°51	0♒25	21°58	14°10	24°53	18° 1	19°11	12°18	6°15	6°51	23°31	n.a.	T 18
F 19	4 58 33	15°41'03	10♋ 3	25° 8	1°31	22° 3	14°20	24°54	18° 0	19°11	12°20	6° 3	6°47	23°38	n.a.	F 19
S 20	5 2 30	16°42'02	23° 3	24°15	2°37	22° 9	14°31	24°56	17°59	19°11	12°21	5°54	6°44	23°44	n.a.	S 20
S 21	5 6 27	17°42'59	5♌42	23°14	3°43	22°15	14°42	24°57	17°58	19°12	12°23	5°48	6°41	23°51	n.a.	S 21
M22	5 10 23	18°43'56	18° 1	22° 7	4°49	22°22	14°53	24°58	17°57	19°12	12°25	5°45	6°38	23°58	n.a.	M22
T 23	5 14 20	19°44'51	0♍ 5	20°56	5°54	22°30	15° 4	25° 0	17°56	19°12	12°26	5°43	6°35	24° 4	n.a.	T 23
W24	5 18 16	20°45'46	11°59	19°42	6°59	22°38	15°15	25° 2	17°56	19°13	12°28	5°D43	6°31	24°11	n.a.	W24
T 25	5 22 13	21°46'39	23°47	18°29	8° 3	22°47	15°26	25° 3	17°55	19°13	12°29	5°R43	6°28	24°18	n.a.	T 25
F 26	5 26 9	22°47'31	5♎36	17°17	9° 8	22°57	15°37	25° 5	17°54	19°14	12°31	5°43	6°25	24°24	n.a.	F 26
S 27	5 30 6	23°48'22	17°31	16° 9	10°12	23° 7	15°48	25° 7	17°54	19°14	12°33	5°40	6°22	24°31	n.a.	S 27
S 28	5 34 2	24°49'12	29°36	15° 7	11°15	23°17	16° 0	25° 9	17°53	19°15	12°34	5°35	6°19	24°38	n.a.	S 28
M29	5 37 59	25°50'00	11♏56	14°11	12°19	23°29	16°11	25°12	17°52	19°15	12°36	5°27	6°16	24°44	n.a.	M29
T 30	5 41 56	26°50'48	24°35	13°23	13°22	23°41	16°23	25°14	17°52	19°16	12°38	5°17	6°12	24°51	n.a.	T 30
W31	5 45 52	27♐51'34	7♐33	12♐42	14♒24	23♈53	16♒35	25♓16	17♈52	19♓16	12♉39	5♓ 5	6♓ 9	24♍58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	19s55	16s55	4s 8	24s44	1s50	25s28	2s 5	10n15	1n29	18s59	1s24	4s34	2s44	6n54	0s30	6s13	2s 3	34s 0	10s44	8s31	8s49	2n14			n.a.
T 2	20 9	21 28	4 39	24 49	1 45	25 20	2 4	10 13	1 30	18 57	1 24	4 34	2 43	6 53	0 30	6 13	2 3	34 0	10 44	8 36	8 50	2 11			n.a.
W 3	20 22	25 8	4 56	24 51	1 38	25 12	2 2	10 11	1 31	18 54	1 24	4 34	2 43	6 52	0 30	6 13	2 3	34 0	10 44	8 41	8 51	2 7			n.a.
T 4	20 36	27 35	4 59	24 52	1 31	25 2	2 0	10 10	1 32	18 51	1 24	4 34	2 43	6 52	0 30	6 13	2 3	34 0	10 44	8 46	8 52	2 4			n.a.
F 5	20 49	28 33	4 46	24 50	1 22	24 52	1 58	10 9	1 33	18 49	1 23	4 34	2 42	6 51	0 30	6 13	2 3	33 59	10 44	8 51	8 54	2 1			n.a.
S 6	21 1	27 51	4 17	24 46	1 13	24 41	1 56	10 8	1 34	18 46	1 23	4 34	2 42	6 50	0 29	6 14	2 3	33 59	10 43	8 55	8 55	1 57			n.a.
S 7	21 13	25 30	3 34	24 40	1 2	24 30	1 54	10 7	1 35	18 43	1 23	4 34	2 42	6 50	0 29	6 14	2 2	33 59	10 43	8 58	8 56	1 54			n.a.
M 8	21 25	21 39	2 37	24 32	0 51	24 18	1 51	10 7	1 36	18 40	1 23	4 33	2 41	6 49	0 29	6 14	2 2	33 58	10 43	9 0	8 57	1 50			n.a.
T 9	21 36	16 35	1 31	24 22	0 38	24 5	1 49	10 7	1 37	18 37	1 23	4 33	2 41	6 49	0 29	6 14	2 2	33 58	10 43	9 1	8 58	1 47			n.a.
W10	21 47	10 37	0 19	24 11	0 24	23 52	1 46	10 7	1 38	18 34	1 22	4 33	2 41	6 48	0 29	6 14	2 2	33 58	10 43	9 1	9 0	1 43			n.a.
T 11	21 57	4 5	0n55	23 57	0 9	23 38	1 44	10 8	1 39	18 32	1 22	4 33	2 40	6 48	0 29	6 13	2 2	33 58	10 43	9 1	9 1	1 40			n.a.
F 12	22 7	2n43	2 7	23 42	0n 7	23 24	1 41	10 9	1 40	18 29	1 22	4 32	2 40	6 47	0 29	6 13	2 2	33 57	10 43	9 2	9 2	1 36			n.a.
S 13	22 17	9 24	3 10	23 26	0 23	23 8	1 38	10 10	1 41	18 25	1 22	4 32	2 40	6 47	0 29	6 13	2 2	33 57	10 43	9 3	9 3	1 33			n.a.
S 14	22 26	15 37	4 2	23 8	0 41	22 53	1 35	10 11	1 41	18 22	1 22	4 31	2 40	6 46	0 29	6 13	2 2	33 57	10 42	9 5	9 4	1 30			n.a.
M15	22 35	20 59	4 39	22 50	1 0	22 36	1 31	10 12	1 42	18 19	1 21	4 31	2 39	6 46	0 29	6 13	2 2	33 57	10 42	9 9	9 6	1 26			n.a.
T 16	22 43	25 7	4 57	22 31	1 18	22 20	1 28	10 14	1 43	18 16	1 21	4 30	2 39	6 45	0 29	6 13	2 2	33 56	10 42	9 13	9 7	1 23			n.a.
W17	22 51	27 41	4 58	22 12	1 37	22 2	1 25	10 16	1 43	18 13	1 21	4 29	2 39	6 45	0 29	6 13	2 2	33 56	10 42	9 18	9 8	1 19			n.a.
T 18	22 58	28 31	4 42	21 52	1 56	21 44	1 21	10 18	1 44	18 10	1 21	4 29	2 38	6 45	0 29	6 13	2 2	33 56	10 42	9 23	9 9	1 16			n.a.
F 19	23 5	27 37	4 10	21 32	2 14	21 26	1 17	10 21	1 45	18 6	1 21	4 28	2 38	6 44	0 29	6 13	2 2	33 56	10 42	9 27	9 10	1 12			n.a.
S 20	23 11	25 14	3 25	21 13	2 32	21 7	1 14	10 24	1 45	18 3	1 21	4 27	2 38	6 44	0 29	6 13	2 2	33 56	10 42	9 30	9 12	1 9			n.a.
S 21	23 17	21 38	2 32	20 54	2 48	20 47	1 10	10 27	1 46	18 0	1 20	4 26	2 37	6 43	0 29	6 12	2 2	33 55	10 42	9 33	9 13	1 5			n.a.
M22	23 23	17 10	1 32	20 36	3 2	20 28	1 6	10 30	1 46	17 56	1 20	4 26	2 37	6 43	0 29	6 12	2 1	33 55	10 42	9 34	9 14	1 2			n.a.
T 23	23 28	12 6	0 30	20 19	3 15	20 7	1 1	10 33	1 47	17 53	1 20	4 25	2 37	6 43	0 29	6 12	2 1	33 55	10 42	9 35	9 15	0 58			n.a.
W24	23 32	6 41	0s33	20 3	3 25	19 46	0 57	10 37	1 47	17 49	1 20	4 24	2 36	6 43	0 29	6 12	2 1	33 55	10 42	9 35	9 16	0 55			n.a.
T 25	23 36	1 4	1 34	19 49	3 33	19 25	0 52	10 40	1 48	17 46	1 20	4 23	2 36	6 42	0 29	6 12	2 1	33 54	10 42	9 35	9 18	0 52			n.a.
F 26	23 40	4s35	2 32	19 37	3 38	19 4	0 48	10 44	1 48	17 42	1 20	4 22	2 36	6 42	0 29	6 11	2 1	33 54	10 42	9 35	9 19	0 48			n.a.
S 27	23 43	10 6	3 23	19 27	3 42	18 42	0 43	10 49	1 48	17 39	1 19	4 21	2 35	6 42	0 29	6 11	2 1	33 54	10 42	9 36	9 20	0 45			n.a.
S 28	23 46	15 20	4 5	19 20	3 42	18 19	0 38	10 53	1 49	17 35	1 19	4 19	2 35	6 42	0 29	6 11	2 1	33 54	10 42	9 38	9 21	0 41			n.a.
M29	23 48	20 5	4 38	19 15	3 41	17 56	0 33	10 58	1 49	17 31	1 19	4 18	2 35	6 41	0 29	6 11	2 1	33 54	10 42	9 41	9 22	0 38			n.a.
T 30	23 50	24 3	4 57	19 12	3 38	17 33	0 28	11 2	1 49	17 27	1 19	4 17	2 35	6 41	0 29	6 10	2 1	33 53	10 42	9 44	9 24	0 34			n.a.
W31	23s51	26s55	5s 2	19s12	3n33	17s10	0s23	11n 7	1n50	17s24	1s19	4s16	2s34	6n41	0s29	6s10	2s 1	33s53	10s42	9s49	9s25	0n31			n.a.

Julian Day Number = 1203467.5, Delta T = 09h20m10s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'34, Lahiri = -23°31'33 Julian Calendar 1 Dec. 1419 BCE == Greg. Calendar 18 Nov. 1419 BCE

The year -1418 astronomical counting style corresponds to year 1419 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

JANUARY 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 49 49	28♐52'18	20♐50	12°R 9	15♒27	24♈ 6	16♒47	25♓19	17°R51	19♓17	12♑41	4°R53	6♓ 6	25♍ 4	n.a.	T 1
F 2	5 53 45	29°53'01	4♑24	11♐45	16°29	24°19	16°59	25°21	17♈51	19°18	12°43	4♓42	6° 3	25°11	n.a.	F 2
S 3	5 57 42	0♑53'43	18°13	11°28	17°30	24°33	17°11	25°24	17°51	19°18	12°44	4°32	6° 0	25°18	n.a.	S 3
S 4	6 1 38	1°54'22	2♒12	11°19	18°31	24°48	17°23	25°27	17°50	19°19	12°46	4°26	5°57	25°24	n.a.	S 4
M 5	6 5 35	2°55'00	16°18	11°D18	19°32	25° 3	17°35	25°30	17°50	19°20	12°48	4°22	5°53	25°31	n.a.	M 5
T 6	6 9 32	3°55'36	0♓27	11°23	20°32	25°18	17°47	25°33	17°50	19°21	12°49	4°D20	5°50	25°38	n.a.	T 6
W 7	6 13 28	4°56'10	14°36	11°36	21°32	25°34	17°59	25°36	17°50	19°22	12°51	4°21	5°47	25°44	n.a.	W 7
T 8	6 17 25	5°56'41	28°45	11°54	22°32	25°51	18°12	25°40	17°D50	19°23	12°53	4°21	5°44	25°51	n.a.	T 8
F 9	6 21 21	6°57'11	12♈50	12°18	23°30	26° 8	18°24	25°43	17°50	19°23	12°54	4°R21	5°41	25°58	n.a.	F 9
S 10	6 25 18	7°57'38	26°53	12°47	24°29	26°25	18°37	25°46	17°50	19°24	12°56	4°20	5°37	26° 4	n.a.	S 10
S 11	6 29 14	8°58'04	10♉50	13°21	25°27	26°43	18°49	25°50	17°50	19°25	12°58	4°16	5°34	26°11	n.a.	S 11
M12	6 33 11	9°58'27	24°42	13°59	26°24	27° 1	19° 2	25°54	17°50	19°26	13° 0	4° 9	5°31	26°18	n.a.	M12
T 13	6 37 7	10°58'49	8♊25	14°42	27°21	27°19	19°15	25°57	17°51	19°27	13° 1	4° 1	5°28	26°24	n.a.	T 13
W14	6 41 4	11°59'08	21°57	15°28	28°17	27°38	19°28	26° 1	17°51	19°29	13° 3	3°52	5°25	26°31	n.a.	W14
T 15	6 45 1	12°59'25	5♋16	16°18	29°13	27°57	19°41	26° 5	17°51	19°30	13° 5	3°43	5°22	26°38	n.a.	T 15
F 16	6 48 57	13°59'41	18°19	17°12	0♓ 7	28°17	19°54	26° 9	17°52	19°31	13° 6	3°35	5°18	26°44	n.a.	F 16
S 17	6 52 54	14°59'54	1♌ 5	18° 8	1° 2	28°37	20° 7	26°13	17°52	19°32	13° 8	3°28	5°15	26°51	n.a.	S 17
S 18	6 56 50	16° 0'06	13°35	19° 7	1°55	28°57	20°20	26°18	17°53	19°33	13°10	3°24	5°12	26°57	n.a.	S 18
M19	7 0 47	17° 0'15	25°50	20° 9	2°48	29°18	20°33	26°22	17°53	19°34	13°12	3°22	5° 9	27° 4	n.a.	M19
T 20	7 4 43	18° 0'23	7♍53	21°13	3°41	29°39	20°46	26°26	17°54	19°36	13°13	3°D22	5° 6	27°11	n.a.	T 20
W21	7 8 40	19° 0'29	19°46	22°20	4°32	0♉ 1	20°59	26°31	17°55	19°37	13°15	3°23	5° 3	27°17	n.a.	W21
T 22	7 12 36	20° 0'33	1♎35	23°28	5°23	0°22	21°12	26°35	17°55	19°38	13°17	3°24	4°59	27°24	n.a.	T 22
F 23	7 16 33	21° 0'36	13°25	24°39	6°13	0°44	21°26	26°40	17°56	19°40	13°18	3°25	4°56	27°31	n.a.	F 23
S 24	7 20 30	22° 0'36	25°20	25°52	7° 2	1° 7	21°39	26°45	17°57	19°41	13°20	3°R26	4°53	27°37	n.a.	S 24
S 25	7 24 26	23° 0'35	7♏25	27° 6	7°50	1°29	21°53	26°50	17°58	19°42	13°22	3°24	4°50	27°44	n.a.	S 25
M26	7 28 23	24° 0'32	19°46	28°23	8°38	1°52	22° 6	26°55	17°59	19°44	13°23	3°21	4°47	27°51	n.a.	M26
T 27	7 32 19	25° 0'27	2♐27	29°40	9°24	2°15	22°20	27° 0	18° 0	19°45	13°25	3°17	4°43	27°57	n.a.	T 27
W28	7 36 16	26° 0'21	15°30	1♑ 0	10°10	2°39	22°33	27° 5	18° 1	19°47	13°27	3°11	4°40	28° 4	n.a.	W28
T 29	7 40 12	27° 0'12	28°56	2°21	10°55	3° 3	22°47	27°10	18° 2	19°48	13°28	3° 5	4°37	28°11	n.a.	T 29
F 30	7 44 9	28° 0'02	12♑45	3°44	11°38	3°27	23° 1	27°15	18° 3	19°50	13°30	2°59	4°34	28°17	n.a.	F 30
S 31	7 48 5	28♑59'49	26♑54	5♑ 8	12♓21	3♉51	23♒14	27♓21	18♈ 4	19♓51	13♑32	2♓54	4♓31	28♍24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s52	28s23	4s51	19s13	3n27	16s46	0s18	11n12	1n50	17s20	1s19	4s14	2s34	6n41	0s29	6s10	2s 1	33s53	10s41	9s53	9s26	0n27			n.a.
F 2	23 52	28 10	4 23	19 18	3 20	16 22	0 12	11 18	1 50	17 16	1 19	4 13	2 34	6 41	0 29	6 9	2 1	33 53	10 41	9 57	9 27	0 24			n.a.
S 3	23 52	26 14	3 40	19 24	3 12	15 58	0 7	11 23	1 50	17 12	1 18	4 12	2 33	6 41	0 29	6 9	2 1	33 53	10 41	10 1	9 28	0 21			n.a.
S 4	23 51	22 39	2 43	19 32	3 2	15 33	0 1	11 29	1 51	17 8	1 18	4 10	2 33	6 41	0 29	6 9	2 1	33 52	10 41	10 3	9 30	0 17			n.a.
M 5	23 50	17 44	1 35	19 41	2 53	15 9	0n 5	11 35	1 51	17 4	1 18	4 9	2 33	6 41	0 29	6 8	2 1	33 52	10 41	10 5	9 31	0 14			n.a.
T 6	23 48	11 50	0 21	19 52	2 42	14 44	0 11	11 41	1 51	17 0	1 18	4 7	2 32	6 41	0 29	6 8	2 0	33 52	10 41	10 5	9 32	0 10			n.a.
W 7	23 46	5 20	0n55	20 4	2 32	14 18	0 17	11 47	1 51	16 57	1 18	4 6	2 32	6 41	0 29	6 7	2 0	33 52	10 41	10 5	9 33	0 7			n.a.
T 8	23 44	1n25	2 7	20 18	2 21	13 53	0 23	11 53	1 51	16 52	1 18	4 4	2 32	6 41	0 28	6 7	2 0	33 52	10 41	10 5	9 34	0 3			n.a.
F 9	23 41	8 5	3 11	20 32	2 9	13 28	0 30	11 59	1 51	16 48	1 18	4 3	2 32	6 41	0 28	6 7	2 0	33 52	10 41	10 5	9 36	0s 0			n.a.
S 10	23 37	14 18	4 3	20 47	1 58	13 2	0 36	12 6	1 52	16 44	1 17	4 1	2 31	6 41	0 28	6 6	2 0	33 51	10 42	10 6	9 37	0 4			n.a.
S 11	23 33	19 46	4 41	21 2	1 47	12 36	0 43	12 12	1 52	16 40	1 17	3 59	2 31	6 41	0 28	6 6	2 0	33 51	10 42	10 7	9 38	0 7			n.a.
M12	23 29	24 9	5 2	21 18	1 36	12 10	0 49	12 19	1 52	16 36	1 17	3 57	2 31	6 41	0 28	6 5	2 0	33 51	10 42	10 9	9 39	0 10			n.a.
T 13	23 24	27 7	5 5	21 34	1 25	11 44	0 56	12 26	1 52	16 32	1 17	3 56	2 30	6 41	0 28	6 5	2 0	33 51	10 42	10 12	9 40	0 14			n.a.
W14	23 19	28 27	4 51	21 50	1 14	11 18	1 3	12 33	1 52	16 28	1 17	3 54	2 30	6 41	0 28	6 4	2 0	33 51	10 42	10 16	9 41	0 17			n.a.
T 15	23 13	28 6	4 21	22 6	1 3	10 52	1 10	12 40	1 52	16 23	1 17	3 52	2 30	6 41	0 28	6 4	2 0	33 51	10 42	10 19	9 43	0 21			n.a.
F 16	23 7	26 11	3 38	22 22	0 52	10 26	1 17	12 48	1 52	16 19	1 17	3 50	2 30	6 42	0 28	6 3	2 0	33 51	10 42	10 22	9 44	0 24			n.a.
S 17	23 0	22 57	2 45	22 38	0 42	9 59	1 24	12 55	1 52	16 15	1 17	3 48	2 29	6 42	0 28	6 3	2 0	33 50	10 42	10 25	9 45	0 28			n.a.
S 18	22 53	18 43	1 45	22 53	0 32	9 33	1 32	13 2	1 52	16 11	1 17	3 46	2 29	6 42	0 28	6 2	2 0	33 50	10 42	10 26	9 46	0 31			n.a.
M19	22 46	13 46	0 41	23 8	0 22	9 7	1 39	13 10	1 52	16 6	1 16	3 44	2 29	6 42	0 28	6 2	2 0	33 50	10 42	10 27	9 47	0 35			n.a.
T 20	22 38	8 23	0s24	23 22	0 12	8 41	1 47	13 17	1 52	16 2	1 16	3 42	2 29	6 43	0 28	6 1	2 0	33 50	10 42	10 27	9 49	0 38			n.a.
W21	22 29	2 47	1 28	23 36	0 2	8 15	1 55	13 25	1 52	15 57	1 16	3 40	2 28	6 43	0 28	6 1	2 0	33 50	10 42	10 27	9 50	0 41			n.a.
T 22	22 21	2s53	2 27	23 49	0s 7	7 49	2 2	13 33	1 52	15 53	1 16	3 38	2 28	6 43	0 28	6 0	2 0	33 50	10 42	10 26	9 51	0 45			n.a.
F 23	22 11	8 27	3 20	24 1	0 16	7 23	2 10	13 41	1 52	15 48	1 16	3 36	2 28	6 44	0 28	5 59	1 59	33 50	10 42	10 26	9 52	0 48			n.a.
S 24	22 2	13 45	4 5	24 12	0 25	6 57	2 18	13 49	1 52	15 44	1 16	3 34	2 27	6 44	0 28	5 59	1 59	33 50	10 42	10 26	9 53	0 52			n.a.
S 25	21 52	18 37	4 40	24 23	0 33	6 31	2 26	13 57	1 52	15 39	1 16	3 32	2 27	6 44	0 28	5 58	1 59	33 49	10 42	10 26	9 54	0 55			n.a.
M26	21 41	22 50	5 2	24 32	0 41	6 6	2 35	14 5	1 52	15 35	1 16	3 29	2 27	6 45	0 28	5 58	1 59	33 49	10 42	10 27	9 56	0 59			n.a.
T 27	21 31	26 5	5 11	24 41	0 49	5 40	2 43	14 13	1 52	15 30	1 16	3 27	2 27	6 45	0 28	5 57	1 59	33 49	10 43	10 29	9 57	1 2			n.a.
W28	21 19	28 5	5 4	24 48	0 56	5 15	2 51	14 21	1 52	15 26	1 16	3 25	2 26	6 45	0 28	5 56	1 59	33 49	10 43	10 31	9 58	1 5			n.a.
T 29	21 8	28 32	4 40	24 54	1 3	4 50	3 0	14 30	1 52	15 21	1 16	3 23	2 26	6 46	0 28	5 56	1 59	33 49	10 43	10 33	9 59	1 9			n.a.
F 30	20 56	27 13	4 0	24 59	1 10	4 26	3 8	14 38	1 52	15 16	1 16	3 20	2 26	6 46	0 28	5 55	1 59	33 49	10 43	10 35	10 0	1 12			n.a.
S 31	20s43	24s 9	3s 4	25s 2	1s17	4s 1	3n17	14n46	1n52	15s12	1s15	3s18	2s26	6n47	0s28	5s54	1s59	33s49	10s43	10s37	10s 2	1s16			n.a.

Julian Day Number = 1203498.5, Delta T = 09h20m08s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'29, Lahiri = -23°31'29 Julian Calendar 1 Jan. 1418 BCE == Greg. Calendar 19 Dec. 1419 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

FEBRUARY 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 52 2	29♉59'34	11♒18	6♉33	13♓ 2	4♉16	23♒28	27♓26	18♈ 5	19♓53	13♉33	2°R51	4♓28	28♍31	n.a.	S 1
M 2	7 55 59	0♒59'17	25°51	8° 0	13°42	4°41	23°42	27°31	18° 7	19°54	13°35	2°D50	4°24	28°37	n.a.	M 2
T 3	7 59 55	1°58'58	10♓27	9°28	14°21	5° 6	23°56	27°37	18° 8	19°56	13°37	2♓50	4°21	28°44	n.a.	T 3
W 4	8 3 52	2°58'36	25° 0	10°58	14°59	5°31	24°10	27°43	18° 9	19°58	13°38	2°51	4°18	28°51	n.a.	W 4
T 5	8 7 48	3°58'12	9♈26	12°28	15°36	5°57	24°24	27°48	18°11	19°59	13°40	2°52	4°15	28°57	n.a.	T 5
F 6	8 11 45	4°57'45	23°41	14° 0	16°11	6°22	24°38	27°54	18°12	20° 1	13°42	2°53	4°12	29° 4	n.a.	F 6
S 7	8 15 41	5°57'16	7♉44	15°34	16°45	6°48	24°51	28° 0	18°14	20° 3	13°43	2°R54	4° 9	29°11	n.a.	S 7
S 8	8 19 38	6°56'44	21°33	17° 9	17°17	7°15	25° 5	28° 6	18°15	20° 5	13°45	2°53	4° 5	29°17	n.a.	S 8
M 9	8 23 34	7°56'10	5♊ 8	18°45	17°48	7°41	25°20	28°12	18°17	20° 6	13°46	2°51	4° 2	29°24	n.a.	M 9
T 10	8 27 31	8°55'34	18°30	20°22	18°17	8° 8	25°34	28°18	18°19	20° 8	13°48	2°48	3°59	29°31	n.a.	T 10
W11	8 31 27	9°54'55	1♋37	22° 0	18°45	8°35	25°48	28°24	18°20	20°10	13°50	2°45	3°56	29°37	n.a.	W11
T 12	8 35 24	10°54'14	14°32	23°40	19°11	9° 2	26° 2	28°30	18°22	20°12	13°51	2°41	3°53	29°44	n.a.	T 12
F 13	8 39 21	11°53'30	27°12	25°22	19°35	9°29	26°16	28°36	18°24	20°14	13°53	2°38	3°49	29°51	n.a.	F 13
S 14	8 43 17	12°52'44	9♌41	27° 4	19°57	9°56	26°30	28°43	18°26	20°15	13°54	2°36	3°46	29°57	n.a.	S 14
S 15	8 47 14	13°51'56	21°57	28°48	20°17	10°24	26°44	28°49	18°28	20°17	13°56	2°34	3°43	0♎ 4	n.a.	S 15
M16	8 51 10	14°51'06	4♍ 3	0♒33	20°36	10°52	26°58	28°55	18°29	20°19	13°57	2°D34	3°40	0°11	n.a.	M16
T 17	8 55 7	15°50'13	16° 1	2°20	20°53	11°20	27°13	29° 2	18°31	20°21	13°59	2°35	3°37	0°17	n.a.	T 17
W18	8 59 3	16°49'18	27°52	4° 8	21° 7	11°48	27°27	29° 8	18°33	20°23	14° 0	2°36	3°34	0°24	n.a.	W18
T 19	9 3 0	17°48'22	9♎41	5°57	21°19	12°16	27°41	29°15	18°36	20°25	14° 2	2°37	3°30	0°31	n.a.	T 19
F 20	9 6 56	18°47'23	21°31	7°48	21°30	12°45	27°55	29°22	18°38	20°27	14° 3	2°38	3°27	0°37	n.a.	F 20
S 21	9 10 53	19°46'23	3♏26	9°40	21°38	13°13	28°10	29°28	18°40	20°29	14° 5	2°39	3°24	0°44	n.a.	S 21
S 22	9 14 49	20°45'20	15°31	11°33	21°43	13°42	28°24	29°35	18°42	20°31	14° 6	2°R40	3°21	0°51	n.a.	S 22
M23	9 18 46	21°44'16	27°50	13°28	21°47	14°11	28°38	29°42	18°44	20°33	14° 7	2°40	3°18	0°57	n.a.	M23
T 24	9 22 43	22°43'10	10♐28	15°24	21°R48	14°40	28°52	29°49	18°46	20°35	14° 9	2°39	3°15	1° 4	n.a.	T 24
W25	9 26 39	23°42'02	23°28	17°22	21°46	15° 9	29° 7	29°56	18°49	20°37	14°10	2°39	3°11	1°11	n.a.	W25
T 26	9 30 36	24°40'52	6♑54	19°21	21°42	15°39	29°21	0♈ 3	18°51	20°39	14°12	2°38	3° 8	1°17	n.a.	T 26
F 27	9 34 32	25°39'40	20°45	21°21	21°36	16° 8	29°35	0°10	18°53	20°41	14°13	2°37	3° 5	1°24	n.a.	F 27
S 28	9 38 29	26♒38'27	5♒ 2	23♒22	21♓27	16♉38	29♒50	0♈17	18♈56	20♓43	14♑14	2♓36	3♓ 2	1♎31	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20s31	19s32	1s55	25s 5	1s23	3s37	3n26	14n55	1n52	15s 7	1s15	3s15	2s26	6n47	0s28	5s54	1s59	33s49	10s43	10s38	10s 3	1s19			n.a.
M 2	20 18	13 43	0 38	25 6	1 29	3 13	3 35	15 3	1 52	15 2	1 15	3 13	2 25	6 48	0 28	5 53	1 59	33 49	10 43	10 39	10 4	1 23			n.a.
T 3	20 4	7 9	0n42	25 5	1 34	2 50	3 44	15 12	1 52	14 58	1 15	3 11	2 25	6 48	0 28	5 52	1 59	33 49	10 43	10 39	10 5	1 26			n.a.
W 4	19 50	0 13	1 59	25 3	1 39	2 27	3 52	15 20	1 52	14 53	1 15	3 8	2 25	6 49	0 28	5 52	1 59	33 49	10 44	10 38	10 6	1 29			n.a.
T 5	19 36	6n40	3 7	24 59	1 44	2 4	4 1	15 29	1 51	14 48	1 15	3 6	2 25	6 50	0 28	5 51	1 59	33 49	10 44	10 38	10 7	1 33			n.a.
F 6	19 22	13 7	4 4	24 54	1 48	1 42	4 11	15 38	1 51	14 43	1 15	3 3	2 24	6 50	0 28	5 50	1 59	33 49	10 44	10 37	10 9	1 36			n.a.
S 7	19 7	18 48	4 44	24 47	1 52	1 21	4 20	15 46	1 51	14 39	1 15	3 0	2 24	6 51	0 28	5 49	1 59	33 49	10 44	10 37	10 10	1 40			n.a.
S 8	18 52	23 25	5 8	24 39	1 56	1 0	4 29	15 55	1 51	14 34	1 15	2 58	2 24	6 51	0 27	5 49	1 59	33 49	10 44	10 38	10 11	1 43			n.a.
M 9	18 36	26 40	5 14	24 29	1 59	0 39	4 38	16 4	1 51	14 29	1 15	2 55	2 24	6 52	0 27	5 48	1 59	33 49	10 44	10 38	10 12	1 47			n.a.
T 10	18 21	28 23	5 2	24 17	2 1	0 19	4 47	16 13	1 51	14 24	1 15	2 53	2 24	6 53	0 27	5 47	1 59	33 49	10 44	10 39	10 13	1 50			n.a.
W11	18 5	28 27	4 35	24 4	2 4	0n 0	4 56	16 21	1 51	14 19	1 15	2 50	2 23	6 53	0 27	5 46	1 59	33 49	10 45	10 41	10 14	1 53			n.a.
T 12	17 48	26 56	3 55	23 48	2 5	0 19	5 6	16 30	1 51	14 14	1 15	2 47	2 23	6 54	0 27	5 46	1 58	33 49	10 45	10 42	10 16	1 57			n.a.
F 13	17 32	24 4	3 3	23 31	2 7	0 37	5 15	16 39	1 50	14 9	1 15	2 45	2 23	6 55	0 27	5 45	1 58	33 49	10 45	10 43	10 17	2 0			n.a.
S 14	17 15	20 7	2 3	23 12	2 8	0 54	5 24	16 48	1 50	14 4	1 15	2 42	2 23	6 56	0 27	5 44	1 58	33 49	10 45	10 44	10 18	2 4			n.a.
S 15	16 58	15 21	0 58	22 51	2 8	1 11	5 33	16 56	1 50	13 59	1 15	2 39	2 23	6 56	0 27	5 43	1 58	33 49	10 45	10 44	10 19	2 7			n.a.
M16	16 40	10 4	0s 8	22 28	2 8	1 27	5 42	17 5	1 50	13 54	1 15	2 36	2 22	6 57	0 27	5 42	1 58	33 49	10 45	10 45	10 20	2 11			n.a.
T 17	16 22	4 29	1 14	22 4	2 8	1 41	5 51	17 14	1 50	13 49	1 15	2 33	2 22	6 58	0 27	5 42	1 58	33 49	10 46	10 44	10 21	2 14			n.a.
W18	16 4	1s12	2 16	21 37	2 7	1 55	6 0	17 23	1 50	13 44	1 15	2 31	2 22	6 59	0 27	5 41	1 58	33 49	10 46	10 44	10 23	2 17			n.a.
T 19	15 46	6 50	3 11	21 8	2 5	2 8	6 9	17 31	1 50	13 39	1 15	2 28	2 22	7 0	0 27	5 40	1 58	33 49	10 46	10 43	10 24	2 21			n.a.
F 20	15 28	12 13	3 59	20 37	2 3	2 20	6 18	17 40	1 49	13 34	1 15	2 25	2 22	7 0	0 27	5 39	1 58	33 49	10 46	10 43	10 25	2 24			n.a.
S 21	15 9	17 12	4 37	20 5	2 0	2 31	6 26	17 49	1 49	13 29	1 15	2 22	2 21	7 1	0 27	5 38	1 58	33 49	10 46	10 43	10 26	2 28			n.a.
S 22	14 50	21 36	5 3	19 30	1 57	2 41	6 34	17 58	1 49	13 24	1 15	2 19	2 21	7 2	0 27	5 38	1 58	33 49	10 47	10 42	10 27	2 31			n.a.
M23	14 31	25 9	5 16	18 53	1 54	2 50	6 42	18 6	1 49	13 19	1 15	2 16	2 21	7 3	0 27	5 37	1 58	33 49	10 47	10 42	10 29	2 34			n.a.
T 24	14 11	27 35	5 14	18 15	1 50	2 57	6 50	18 15	1 49	13 14	1 15	2 13	2 21	7 4	0 27	5 36	1 58	33 49	10 47	10 43	10 30	2 38			n.a.
W25	13 51	28 38	4 56	17 34	1 45	3 4	6 58	18 24	1 49	13 9	1 14	2 10	2 21	7 5	0 27	5 35	1 58	33 49	10 47	10 43	10 31	2 41			n.a.
T 26	13 32	28 3	4 22	16 51	1 39	3 9	7 5	18 32	1 48	13 4	1 14	2 8	2 21	7 6	0 27	5 34	1 58	33 49	10 47	10 43	10 32	2 45			n.a.
F 27	13 12	25 43	3 32	16 7	1 34	3 13	7 12	18 41	1 48	12 59	1 14	2 5	2 20	7 7	0 27	5 33	1 58	33 49	10 48	10 44	10 33	2 48			n.a.
S 28	12s51	21s43	2s27	15s20	1s27	3n15	7n18	18n50	1n48	12s53	1s14	2s 2	2s20	7n 8	0s27	5s32	1s58	33s49	10s48	10s44	10s34	2s52			n.a.

Julian Day Number = 1203529.5, Delta T = 09h20m06s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'25, Lahiri = -23°31'25 Julian Calendar 1 Feb. 1418 BCE == Greg. Calendar 19 Jan. 1418 BCE

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

MARCH 1418 BCE (-1417) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 42 25	27♒37'11	19♒39	25♒25	21°R16	17♉ 8	0♓ 4	0♈24	18♈58	20♓45	14♑16	2°R36	2♓59	1♎37	n.a.	S 1
M 2	9 46 22	28°35'53	4♓30	27°28	21♓ 2	17°38	0°18	0°31	19° 1	20°48	14°17	2°D35	2°55	1°44	n.a.	M 2
T 3	9 50 18	29°34'32	19°29	29°33	20°46	18° 8	0°33	0°38	19° 3	20°50	14°18	2♓36	2°52	1°51	n.a.	T 3
W 4	9 54 15	0♓33'10	4♈27	1♓38	20°28	18°38	0°47	0°45	19° 6	20°52	14°19	2°36	2°49	1°57	n.a.	W 4
T 5	9 58 12	1°31'45	19°16	3°44	20° 7	19° 9	1° 1	0°52	19° 8	20°54	14°21	2°36	2°46	2° 4	n.a.	T 5
F 6	10 2 8	2°30'18	3♉50	5°50	19°44	19°39	1°16	1° 0	19°11	20°56	14°22	2°R36	2°43	2°11	n.a.	F 6
S 7	10 6 5	3°28'49	18° 4	7°57	19°18	20°10	1°30	1° 7	19°14	20°58	14°23	2°36	2°40	2°17	n.a.	S 7
S 8	10 10 1	4°27'18	1♊57	10° 3	18°51	20°41	1°44	1°14	19°16	21° 0	14°24	2°D36	2°36	2°24	n.a.	S 8
M 9	10 13 58	5°25'44	15°28	12°10	18°22	21°12	1°59	1°22	19°19	21° 3	14°26	2°36	2°33	2°31	n.a.	M 9
T 10	10 17 54	6°24'08	28°39	14°15	17°50	21°43	2°13	1°29	19°22	21° 5	14°27	2°36	2°30	2°37	n.a.	T 10
W11	10 21 51	7°22'29	11♋31	16°20	17°17	22°14	2°27	1°37	19°25	21° 7	14°28	2°37	2°27	2°44	n.a.	W11
T 12	10 25 47	8°20'49	24° 7	18°23	16°43	22°45	2°42	1°44	19°28	21° 9	14°29	2°37	2°24	2°51	n.a.	T 12
F 13	10 29 44	9°19'06	6♌30	20°25	16° 8	23°16	2°56	1°52	19°30	21°11	14°30	2°38	2°21	2°57	n.a.	F 13
S 14	10 33 40	10°17'21	18°42	22°25	15°31	23°48	3°10	1°59	19°33	21°14	14°31	2°38	2°17	3° 4	n.a.	S 14
S 15	10 37 37	11°15'34	0♍46	24°23	14°54	24°19	3°25	2° 7	19°36	21°16	14°32	2°R38	2°14	3°11	n.a.	S 15
M16	10 41 34	12°13'45	12°42	26°18	14°16	24°51	3°39	2°14	19°39	21°18	14°33	2°38	2°11	3°17	n.a.	M16
T 17	10 45 30	13°11'54	24°34	28°10	13°37	25°22	3°53	2°22	19°42	21°20	14°34	2°38	2° 8	3°24	n.a.	T 17
W18	10 49 27	14°10'01	6♎24	29°59	12°59	25°54	4° 7	2°30	19°45	21°23	14°35	2°36	2° 5	3°31	n.a.	W18
T 19	10 53 23	15° 8'07	18°14	1♈46	12°21	26°26	4°21	2°37	19°48	21°25	14°36	2°35	2° 1	3°37	n.a.	T 19
F 20	10 57 20	16° 6'10	0♏ 5	3°28	11°43	26°58	4°36	2°45	19°51	21°27	14°37	2°33	1°58	3°44	n.a.	F 20
S 21	11 1 16	17° 4'12	12° 3	5° 7	11° 7	27°30	4°50	2°53	19°54	21°29	14°38	2°31	1°55	3°51	n.a.	S 21
S 22	11 5 13	18° 2'13	24° 9	6°43	10°31	28° 3	5° 4	3° 1	19°57	21°32	14°39	2°29	1°52	3°57	n.a.	S 22
M23	11 9 9	19° 0'12	6♐27	8°14	9°56	28°35	5°18	3° 8	20° 0	21°34	14°40	2°28	1°49	4° 4	n.a.	M23
T 24	11 13 6	19°58'10	19° 2	9°41	9°22	29° 7	5°32	3°16	20° 4	21°36	14°41	2°D27	1°46	4°11	n.a.	T 24
W25	11 17 3	20°56'06	1♑58	11° 5	8°51	29°40	5°46	3°24	20° 7	21°38	14°42	2°28	1°42	4°17	n.a.	W25
T 26	11 20 59	21°54'01	15°16	12°24	8°20	0♊12	6° 0	3°32	20°10	21°41	14°43	2°29	1°39	4°24	n.a.	T 26
F 27	11 24 56	22°51'54	29° 1	13°39	7°52	0°45	6°14	3°40	20°13	21°43	14°43	2°30	1°36	4°31	n.a.	F 27
S 28	11 28 52	23°49'46	13♒12	14°49	7°26	1°18	6°28	3°47	20°16	21°45	14°44	2°31	1°33	4°37	n.a.	S 28
S 29	11 32 49	24°47'36	27°48	15°55	7° 2	1°51	6°42	3°55	20°19	21°47	14°45	2°R32	1°30	4°44	n.a.	S 29
M30	11 36 45	25°45'25	12♓44	16°57	6°40	2°24	6°56	4° 3	20°23	21°50	14°46	2°32	1°26	4°51	n.a.	M30
T 31	11 40 42	26♓43'13	27♓54	17♈54	6♓20	2♊57	7♓10	4♈11	20♈26	21♓52	14♑46	2♓30	1♓23	4♎57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	12s31	16s19	1s11	14s32	1s20	3n16	7n24	18n58	1n48	12s48	1s14	1s59	2s20	7n 9	0s27	5s32	1s58	33s49	10s48	10s44	10s36	2s55			n.a.
M 2	12 10	9 52	0n11	13 42	1 13	3 16	7 30	19 7	1 48	12 43	1 14	1 56	2 20	7 10	0 27	5 31	1 58	33 49	10 48	10 44	10 37	2 58			n.a.
T 3	11 49	2 49	1 33	12 50	1 4	3 14	7 35	19 15	1 47	12 38	1 14	1 53	2 20	7 11	0 27	5 30	1 58	33 49	10 49	10 44	10 38	3 2			n.a.
W 4	11 28	4n22	2 48	11 57	0 56	3 11	7 40	19 23	1 47	12 33	1 14	1 49	2 20	7 12	0 27	5 29	1 58	33 49	10 49	10 44	10 39	3 5			n.a.
T 5	11 7	11 14	3 51	11 2	0 47	3 6	7 43	19 32	1 47	12 28	1 14	1 46	2 20	7 13	0 27	5 28	1 58	33 49	10 49	10 44	10 40	3 9			n.a.
F 6	10 46	17 22	4 39	10 6	0 37	3 0	7 47	19 40	1 47	12 22	1 14	1 43	2 19	7 14	0 27	5 27	1 58	33 50	10 49	10 44	10 41	3 12			n.a.
S 7	10 24	22 25	5 7	9 9	0 27	2 52	7 49	19 48	1 47	12 17	1 15	1 40	2 19	7 15	0 27	5 26	1 58	33 50	10 50	10 44	10 42	3 15			n.a.
S 8	10 3	26 6	5 18	8 11	0 17	2 43	7 51	19 57	1 46	12 12	1 15	1 37	2 19	7 16	0 27	5 25	1 58	33 50	10 50	10 44	10 44	3 19			n.a.
M 9	9 41	28 11	5 10	7 13	0 6	2 32	7 52	20 5	1 46	12 7	1 15	1 34	2 19	7 17	0 27	5 25	1 58	33 50	10 50	10 44	10 45	3 22			n.a.
T 10	9 19	28 37	4 45	6 14	0n 5	2 20	7 52	20 13	1 46	12 2	1 15	1 31	2 19	7 18	0 27	5 24	1 58	33 50	10 50	10 44	10 46	3 26			n.a.
W11	8 57	27 28	4 7	5 15	0 16	2 7	7 52	20 21	1 46	11 56	1 15	1 28	2 19	7 19	0 27	5 23	1 58	33 50	10 51	10 44	10 47	3 29			n.a.
T 12	8 35	24 55	3 18	4 15	0 27	1 52	7 50	20 29	1 45	11 51	1 15	1 25	2 19	7 20	0 27	5 22	1 58	33 50	10 51	10 43	10 48	3 32			n.a.
F 13	8 13	21 14	2 20	3 17	0 38	1 36	7 48	20 37	1 45	11 46	1 15	1 22	2 19	7 21	0 27	5 21	1 58	33 50	10 51	10 43	10 49	3 36			n.a.
S 14	7 51	16 42	1 17	2 18	0 50	1 19	7 45	20 45	1 45	11 41	1 15	1 18	2 18	7 22	0 27	5 20	1 58	33 51	10 51	10 43	10 51	3 39			n.a.
S 15	7 28	11 34	0 10	1 21	1 1	1 1	7 41	20 53	1 45	11 35	1 15	1 15	2 18	7 24	0 27	5 19	1 58	33 51	10 52	10 43	10 52	3 43			n.a.
M16	7 6	6 3	0s56	0 24	1 12	0 42	7 36	21 0	1 45	11 30	1 15	1 12	2 18	7 25	0 27	5 18	1 58	33 51	10 52	10 43	10 53	3 46			n.a.
T 17	6 43	0 23	1 59	0n31	1 22	0 22	7 30	21 8	1 44	11 25	1 15	1 9	2 18	7 26	0 27	5 17	1 58	33 51	10 52	10 43	10 54	3 49			n.a.
W18	6 20	5s17	2 56	1 25	1 33	0 1	7 24	21 15	1 44	11 20	1 15	1 6	2 18	7 27	0 27	5 16	1 58	33 51	10 53	10 44	10 55	3 53			n.a.
T 19	5 57	10 45	3 46	2 17	1 43	0s20	7 17	21 23	1 44	11 15	1 15	1 3	2 18	7 28	0 26	5 16	1 58	33 51	10 53	10 44	10 56	3 56			n.a.
F 20	5 35	15 51	4 27	3 7	1 52	0 42	7 8	21 30	1 44	11 9	1 15	0 59	2 18	7 29	0 26	5 15	1 58	33 51	10 53	10 45	10 58	3 59			n.a.
S 21	5 12	20 24	4 56	3 55	2 1	1 4	6 59	21 38	1 43	11 4	1 15	0 56	2 18	7 31	0 26	5 14	1 58	33 52	10 53	10 46	10 59	4 3			n.a.
S 22	4 49	24 11	5 13	4 41	2 9	1 27	6 50	21 45	1 43	10 59	1 15	0 53	2 18	7 32	0 26	5 13	1 58	33 52	10 54	10 46	11 0	4 6			n.a.
M23	4 26	26 56	5 15	5 25	2 17	1 49	6 40	21 52	1 43	10 54	1 15	0 50	2 18	7 33	0 26	5 12	1 58	33 52	10 54	10 47	11 1	4 10			n.a.
T 24	4 2	28 26	5 3	6 6	2 24	2 12	6 29	21 59	1 43	10 48	1 15	0 47	2 18	7 34	0 26	5 11	1 58	33 52	10 54	10 47	11 2	4 13			n.a.
W25	3 39	28 26	4 35	6 45	2 31	2 34	6 18	22 6	1 42	10 43	1 15	0 43	2 18	7 35	0 26	5 10	1 58	33 52	10 55	10 47	11 3	4 16			n.a.
T 26	3 16	26 49	3 52	7 22	2 36	2 57	6 6	22 13	1 42	10 38	1 15	0 40	2 17	7 37	0 26	5 9	1 58	33 53	10 55	10 46	11 4	4 20			n.a.
F 27	2 53	23 34	2 55	7 56	2 41	3 18	5 54	22 20	1 42	10 33	1 15	0 37	2 17	7 38	0 26	5 8	1 58	33 53	10 55	10 46	11 6	4 23			n.a.
S 28	2 30	18 49	1 45	8 28	2 45	3 40	5 41	22 26	1 42	10 27	1 15	0 34	2 17	7 39	0 26	5 7	1 58	33 53	10 56	10 46	11 7	4 26			n.a.
S 29	2 6	12 51	0 26	8 57	2 48	4 1	5 28	22 33	1 41	10 22	1 15	0 30	2 17	7 40	0 26	5 7	1 58	33 53	10 56	10 45	11 8	4 30			n.a.
M30	1 43	6 2	0n56	9 23	2 50	4 21	5 15	22 40	1 41	10 17	1 15	0 27	2 17	7 42	0 26	5 6	1 58	33 53	10 56	10 45	11 9	4 33			n.a.
T 31	1s20	1n12	2n15	9n46	2n51	4s41	5n 2	22n46	1n41	10s12	1s15	0s24	2s17	7n43	0s26	5s 5	1s58	33s54	10s56	10s46	11s10	4s37			n.a.

Julian Day Number = 1203557.5, Delta T = 09h20m05s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'21, Lahiri = -23°31'21 Julian Calendar 1 March 1418 BCE == Greg. Calendar 16 Feb. 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

APRIL 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 44 38	27♓40'58	13♈ 6	18♈46	6°R 3	3♊30	7♓24	4♈19	20♈29	21♓54	14♑47	2°R28	1♓20	5♎ 4	n.a.	W 1
T 2	11 48 35	28°38'42	28°13	19°34	5♓48	4° 3	7°38	4°27	20°33	21°56	14°48	2♓25	1°17	5°11	n.a.	T 2
F 3	11 52 31	29°36'25	13♉ 4	20°17	5°36	4°36	7°51	4°35	20°36	21°59	14°48	2°21	1°14	5°17	n.a.	F 3
S 4	11 56 28	0♈34'06	27°33	20°56	5°26	5° 9	8° 5	4°43	20°39	22° 1	14°49	2°18	1°11	5°24	n.a.	S 4
S 5	12 0 25	1°31'45	11♊36	21°29	5°18	5°43	8°19	4°50	20°43	22° 3	14°50	2°15	1° 7	5°31	n.a.	S 5
M 6	12 4 21	2°29'22	25°11	21°58	5°13	6°16	8°33	4°58	20°46	22° 5	14°50	2°14	1° 4	5°37	n.a.	M 6
T 7	12 8 18	3°26'58	8♋21	22°21	5°10	6°50	8°46	5° 6	20°49	22° 8	14°51	2°D14	1° 1	5°44	n.a.	T 7
W 8	12 12 14	4°24'32	21° 8	22°40	5°D 9	7°23	9° 0	5°14	20°53	22°10	14°51	2°14	0°58	5°51	n.a.	W 8
T 9	12 16 11	5°22'04	3♌36	22°54	5°11	7°57	9°13	5°22	20°56	22°12	14°52	2°16	0°55	5°57	n.a.	T 9
F 10	12 20 7	6°19'35	15°48	23° 3	5°15	8°31	9°27	5°30	21° 0	22°14	14°52	2°18	0°52	6° 4	n.a.	F 10
S 11	12 24 4	7°17'04	27°50	23°R 7	5°21	9° 5	9°40	5°38	21° 3	22°16	14°53	2°R19	0°48	6°11	n.a.	S 11
S 12	12 28 0	8°14'32	9♍44	23° 7	5°30	9°39	9°54	5°46	21° 7	22°19	14°53	2°18	0°45	6°17	n.a.	S 12
M13	12 31 57	9°11'58	21°35	23° 2	5°41	10°13	10° 7	5°54	21°10	22°21	14°54	2°17	0°42	6°24	n.a.	M13
T 14	12 35 54	10° 9'23	3♎24	22°52	5°53	10°47	10°20	6° 2	21°13	22°23	14°54	2°13	0°39	6°31	n.a.	T 14
W15	12 39 50	11° 6'47	15°13	22°38	6° 8	11°21	10°34	6°10	21°17	22°25	14°54	2° 8	0°36	6°37	n.a.	W15
T 16	12 43 47	12° 4'09	27° 6	22°20	6°25	11°55	10°47	6°18	21°20	22°27	14°55	2° 1	0°32	6°44	n.a.	T 16
F 17	12 47 43	13° 1'31	9♏ 3	21°59	6°43	12°29	11° 0	6°25	21°24	22°29	14°55	1°54	0°29	6°51	n.a.	F 17
S 18	12 51 40	13°58'51	21° 7	21°34	7° 4	13° 3	11°13	6°33	21°27	22°31	14°55	1°46	0°26	6°57	n.a.	S 18
S 19	12 55 36	14°56'11	3♐19	21° 7	7°26	13°38	11°26	6°41	21°31	22°34	14°55	1°40	0°23	7° 4	n.a.	S 19
M20	12 59 33	15°53'30	15°42	20°37	7°50	14°12	11°39	6°49	21°34	22°36	14°56	1°34	0°20	7°11	n.a.	M20
T 21	13 3 29	16°50'48	28°18	20° 5	8°15	14°47	11°52	6°57	21°38	22°38	14°56	1°31	0°17	7°17	n.a.	T 21
W22	13 7 26	17°48'06	11♑12	19°33	8°42	15°21	12° 5	7° 5	21°41	22°40	14°56	1°29	0°13	7°24	n.a.	W22
T 23	13 11 23	18°45'23	24°25	18°59	9°11	15°56	12°18	7°13	21°45	22°42	14°56	1°D29	0°10	7°31	n.a.	T 23
F 24	13 15 19	19°42'39	8♒ 1	18°25	9°41	16°30	12°31	7°20	21°48	22°44	14°56	1°30	0° 7	7°37	n.a.	F 24
S 25	13 19 16	20°39'54	22° 1	17°52	10°13	17° 5	12°44	7°28	21°52	22°46	14°57	1°31	0° 4	7°44	n.a.	S 25
S 26	13 23 12	21°37'09	6♓26	17°20	10°46	17°40	12°56	7°36	21°55	22°48	14°57	1°R31	0° 1	7°51	n.a.	S 26
M27	13 27 9	22°34'24	21°13	16°49	11°20	18°15	13° 9	7°44	21°59	22°50	14°57	1°29	29♒58	7°57	n.a.	M27
T 28	13 31 5	23°31'37	6♈17	16°21	11°56	18°50	13°21	7°51	22° 2	22°52	14°57	1°26	29°54	8° 4	n.a.	T 28
W29	13 35 2	24°28'50	21°29	15°55	12°32	19°25	13°34	7°59	22° 6	22°54	14°R57	1°20	29°51	8°11	n.a.	W29
T 30	13 38 58	25♈26'03	6♉39	15♈32	13♓10	20♊ 0	13♓46	8♈ 7	22♈10	22♓56	14♑57	1♓13	29♒48	8♎17	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s56	8n24	3n25	10n 7	2n51	4s59	4n49	22n52	1n41	10s 7	1s16	0s21	2s17	7n44	0s26	5s 4	1s58	33s54	10s57	10s47	11s11	4s40		n.a.
T 2	0 33	15 3	4 20	10 25	2 51	5 17	4 35	22 58	1 40	10 1	1 16	0 18	2 17	7 45	0 26	5 3	1 58	33 54	10 57	10 48	11 13	4 43		n.a.
F 3	0 10	20 44	4 56	10 40	2 49	5 34	4 22	23 5	1 40	9 56	1 16	0 14	2 17	7 47	0 26	5 2	1 58	33 54	10 57	10 49	11 14	4 47		n.a.
S 4	0n14	25 1	5 13	10 52	2 46	5 51	4 8	23 10	1 40	9 51	1 16	0 11	2 17	7 48	0 26	5 1	1 58	33 55	10 58	10 51	11 15	4 50		n.a.
S 5	0 37	27 41	5 9	11 1	2 42	6 6	3 55	23 16	1 40	9 46	1 16	0 8	2 17	7 49	0 26	5 0	1 58	33 55	10 58	10 51	11 16	4 53		n.a.
M 6	1 0	28 35	4 49	11 8	2 37	6 20	3 41	23 22	1 39	9 41	1 16	0 5	2 17	7 51	0 26	4 59	1 58	33 55	10 58	10 52	11 17	4 57		n.a.
T 7	1 24	27 49	4 14	11 11	2 32	6 34	3 28	23 28	1 39	9 36	1 16	0 1	2 17	7 52	0 26	4 58	1 58	33 55	10 59	10 52	11 18	5 0		n.a.
W 8	1 47	25 34	3 26	11 12	2 25	6 46	3 15	23 33	1 39	9 31	1 16	0n 2	2 17	7 53	0 26	4 58	1 58	33 56	10 59	10 52	11 19	5 3		n.a.
T 9	2 10	22 8	2 31	11 10	2 16	6 58	3 2	23 39	1 39	9 25	1 16	0 5	2 17	7 55	0 26	4 57	1 58	33 56	10 59	10 51	11 21	5 7		n.a.
F 10	2 33	17 48	1 29	11 5	2 7	7 8	2 49	23 44	1 38	9 20	1 16	0 8	2 17	7 56	0 26	4 56	1 58	33 56	11 0	10 51	11 22	5 10		n.a.
S 11	2 56	12 49	0 24	10 57	1 57	7 17	2 37	23 49	1 38	9 15	1 16	0 11	2 17	7 57	0 26	4 55	1 58	33 56	11 0	10 50	11 23	5 14		n.a.
S 12	3 19	7 26	0s40	10 46	1 46	7 26	2 24	23 54	1 38	9 10	1 16	0 15	2 17	7 59	0 26	4 54	1 58	33 57	11 0	10 50	11 24	5 17		n.a.
M13	3 42	1 49	1 43	10 33	1 34	7 33	2 12	23 59	1 37	9 5	1 17	0 18	2 17	8 0	0 26	4 53	1 58	33 57	11 1	10 51	11 25	5 20		n.a.
T 14	4 5	3s50	2 41	10 17	1 20	7 39	2 0	24 4	1 37	9 0	1 17	0 21	2 17	8 1	0 26	4 52	1 58	33 57	11 1	10 52	11 26	5 24		n.a.
W15	4 28	9 21	3 32	9 59	1 6	7 45	1 49	24 8	1 37	8 55	1 17	0 24	2 17	8 3	0 26	4 52	1 58	33 57	11 1	10 54	11 27	5 27		n.a.
T 16	4 51	14 33	4 14	9 38	0 52	7 49	1 37	24 13	1 37	8 50	1 17	0 27	2 17	8 4	0 26	4 51	1 58	33 58	11 2	10 56	11 29	5 30		n.a.
F 17	5 14	19 15	4 45	9 16	0 36	7 52	1 26	24 17	1 36	8 45	1 17	0 30	2 17	8 5	0 26	4 50	1 58	33 58	11 2	10 59	11 30	5 34		n.a.
S 18	5 37	23 13	5 4	8 52	0 20	7 55	1 15	24 21	1 36	8 40	1 17	0 34	2 17	8 7	0 26	4 49	1 58	33 58	11 2	11 2	11 31	5 37		n.a.
S 19	5 59	26 14	5 9	8 26	0 3	7 56	1 5	24 25	1 36	8 35	1 17	0 37	2 17	8 8	0 26	4 48	1 58	33 59	11 3	11 4	11 32	5 40		n.a.
M20	6 22	28 3	5 0	7 59	0s13	7 57	0 54	24 29	1 35	8 30	1 17	0 40	2 17	8 9	0 26	4 47	1 58	33 59	11 3	11 6	11 33	5 44		n.a.
T 21	6 44	28 27	4 36	7 31	0 30	7 56	0 44	24 33	1 35	8 25	1 17	0 43	2 17	8 11	0 26	4 47	1 58	33 59	11 3	11 8	11 34	5 47		n.a.
W22	7 6	27 20	3 58	7 3	0 47	7 55	0 35	24 37	1 35	8 20	1 18	0 46	2 17	8 12	0 26	4 46	1 58	34 0	11 4	11 8	11 35	5 50		n.a.
T 23	7 28	24 40	3 7	6 34	1 4	7 53	0 25	24 40	1 35	8 15	1 18	0 49	2 17	8 13	0 26	4 45	1 58	34 0	11 4	11 8	11 37	5 54		n.a.
F 24	7 51	20 34	2 3	6 6	1 21	7 50	0 16	24 44	1 34	8 11	1 18	0 52	2 17	8 15	0 26	4 44	1 58	34 0	11 4	11 8	11 38	5 57		n.a.
S 25	8 12	15 13	0 51	5 38	1 37	7 46	0 7	24 47	1 34	8 6	1 18	0 56	2 17	8 16	0 26	4 43	1 58	34 0	11 5	11 8	11 39	6 0		n.a.
S 26	8 34	8 54	0n27	5 12	1 53	7 41	0s 2	24 50	1 34	8 1	1 18	0 59	2 17	8 17	0 26	4 43	1 58	34 1	11 5	11 8	11 40	6 4		n.a.
M27	8 56	1 57	1 44	4 46	2 8	7 36	0 10	24 53	1 33	7 56	1 18	1 2	2 17	8 19	0 26	4 42	1 58	34 1	11 5	11 8	11 41	6 7		n.a.
T 28	9 18	5n13	2 56	4 22	2 22	7 30	0 18	24 56	1 33	7 51	1 18	1 5	2 17	8 20	0 26	4 41	1 58	34 1	11 6	11 9	11 42	6 10		n.a.
W29	9 39	12 9	3 55	4 0	2 35	7 23	0 26	24 58	1 33	7 47	1 18	1 8	2 17	8 21	0 26	4 40	1 58	34 2	11 6	11 11	11 43	6 14		n.a.
T 30	10n 0	18n21	4n38	3n40	2s47	7s15	0s34	25n 1	1n32	7s42	1s19	1n11	2s17	8n23	0s26	4s39	1s58	34s 2	11s 6	11s14	11s45	6s17		n.a.

Julian Day Number = 1203588.5, Delta T = 09h20m03s
Ecliptic obliquity = 23°51'51, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'17, Lahiri = -23°31'17 Julian Calendar 1 Apr. 1418 BCE == Greg. Calendar 19 March 1418 BCE

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

MAY 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 42 55	26♈23'14	21♉38	15°R12	13♓49	20♊35	13♓58	8♈15	22♈13	22♓58	14°R57	1°R 4	29♒45	8♎24	n.a.	F 1
S 2	13 46 52	27°20'25	6♊16	14♈56	14°29	21°10	14°11	8°22	22°17	23° 0	14♑57	0♓56	29°42	8°31	n.a.	S 2
S 3	13 50 48	28°17'35	20°27	14°44	15°10	21°45	14°23	8°30	22°20	23° 2	14°56	0°50	29°38	8°37	n.a.	S 3
M 4	13 54 45	29°14'45	4♋ 9	14°36	15°52	22°21	14°35	8°37	22°24	23° 4	14°56	0°45	29°35	8°44	n.a.	M 4
T 5	13 58 41	0♉11'53	17°23	14°D32	16°35	22°56	14°47	8°45	22°27	23° 6	14°56	0°42	29°32	8°51	n.a.	T 5
W 6	14 2 38	1° 9'01	0♌10	14°33	17°19	23°31	14°59	8°53	22°31	23° 8	14°56	0°D41	29°29	8°57	n.a.	W 6
T 7	14 6 34	2° 6'07	12°36	14°39	18° 4	24° 7	15°11	9° 0	22°34	23° 9	14°56	0°42	29°26	9° 4	n.a.	T 7
F 8	14 10 31	3° 3'13	24°46	14°49	18°50	24°42	15°23	9° 8	22°38	23°11	14°56	0°R42	29°23	9°11	n.a.	F 8
S 9	14 14 28	4° 0'19	6♍43	15° 3	19°36	25°18	15°34	9°15	22°41	23°13	14°55	0°42	29°19	9°17	n.a.	S 9
S 10	14 18 24	4°57'24	18°34	15°22	20°24	25°53	15°46	9°23	22°44	23°15	14°55	0°41	29°16	9°24	n.a.	S 10
M11	14 22 21	5°54'28	0♎23	15°46	21°12	26°29	15°57	9°30	22°48	23°17	14°55	0°37	29°13	9°31	n.a.	M11
T 12	14 26 17	6°51'31	12°12	16°14	22° 0	27° 5	16° 9	9°37	22°51	23°18	14°55	0°30	29°10	9°38	n.a.	T 12
W13	14 30 14	7°48'35	24° 4	16°47	22°50	27°40	16°20	9°45	22°55	23°20	14°54	0°22	29° 7	9°44	n.a.	W13
T 14	14 34 10	8°45'38	6♏ 3	17°24	23°40	28°16	16°31	9°52	22°58	23°22	14°54	0°11	29° 3	9°51	n.a.	T 14
F 15	14 38 7	9°42'40	18° 9	18° 6	24°31	28°52	16°43	9°59	23° 2	23°24	14°53	29♒59	29° 0	9°58	n.a.	F 15
S 16	14 42 3	10°39'43	0♐23	18°52	25°22	29°28	16°54	10° 6	23° 5	23°25	14°53	29°46	28°57	10° 4	n.a.	S 16
S 17	14 46 0	11°36'46	12°47	19°42	26°14	0♋ 4	17° 5	10°14	23° 8	23°27	14°53	29°35	28°54	10°11	n.a.	S 17
M18	14 49 57	12°33'49	25°21	20°36	27° 7	0°40	17°16	10°21	23°12	23°29	14°52	29°26	28°51	10°18	n.a.	M18
T 19	14 53 53	13°30'52	8♑ 6	21°35	28° 0	1°16	17°26	10°28	23°15	23°30	14°52	29°19	28°48	10°24	n.a.	T 19
W20	14 57 50	14°27'55	21° 5	22°37	28°54	1°52	17°37	10°35	23°18	23°32	14°51	29°14	28°44	10°31	n.a.	W20
T 21	15 1 46	15°24'58	4♒20	23°44	29°49	2°28	17°48	10°42	23°22	23°33	14°51	29°13	28°41	10°38	n.a.	T 21
F 22	15 5 43	16°22'01	17°52	24°54	0♈43	3° 4	17°58	10°49	23°25	23°35	14°50	29°D12	28°38	10°44	n.a.	F 22
S 23	15 9 39	17°19'05	1♓44	26° 9	1°39	3°41	18° 9	10°56	23°28	23°36	14°50	29°R12	28°35	10°51	n.a.	S 23
S 24	15 13 36	18°16'10	15°56	27°27	2°35	4°17	18°19	11° 3	23°32	23°38	14°49	29°12	28°32	10°58	n.a.	S 24
M25	15 17 33	19°13'14	0♈27	28°49	3°31	4°53	18°29	11°10	23°35	23°39	14°48	29° 9	28°29	11° 4	n.a.	M25
T 26	15 21 29	20°10'19	15°14	0♉15	4°28	5°30	18°39	11°16	23°38	23°41	14°48	29° 4	28°25	11°11	n.a.	T 26
W27	15 25 26	21° 7'25	0♉11	1°44	5°25	6° 6	18°49	11°23	23°41	23°42	14°47	28°56	28°22	11°18	n.a.	W27
T 28	15 29 22	22° 4'30	15°10	3°17	6°23	6°43	18°59	11°30	23°45	23°44	14°46	28°46	28°19	11°24	n.a.	T 28
F 29	15 33 19	23° 1'37	0♊ 1	4°54	7°21	7°19	19° 9	11°36	23°48	23°45	14°46	28°35	28°16	11°31	n.a.	F 29
S 30	15 37 15	23°58'43	14°35	6°34	8°19	7°56	19°19	11°43	23°51	23°46	14°45	28°24	28°13	11°38	n.a.	S 30
S 31	15 41 12	24♉55'50	28♊46	8♉17	9♈18	8♋33	19♓28	11♈50	23♈54	23♓48	14♑44	28♒15	28♒ 9	11♎44	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n21	23n20	5n 2	3n22	2s58	7s 6	0s41	25n 3	1n32	7s37	1s19	1n14	2s17	8n24	0s26	4s39	1s58	34s 2	11s 7	11s17	11s46	6s20		n.a.
S 2	10 42	26 44	5 4	3 6	3 8	6 57	0 48	25 5	1 32	7 33	1 19	1 17	2 17	8 25	0 26	4 38	1 58	34 3	11 7	11 20	11 47	6 24		n.a.
S 3	11 3	28 18	4 48	2 54	3 16	6 47	0 55	25 7	1 31	7 28	1 19	1 20	2 17	8 27	0 26	4 37	1 58	34 3	11 7	11 22	11 48	6 27		n.a.
M 4	11 24	28 3	4 16	2 44	3 24	6 37	1 2	25 9	1 31	7 23	1 19	1 23	2 17	8 28	0 26	4 36	1 59	34 3	11 8	11 24	11 49	6 30		n.a.
T 5	11 44	26 11	3 30	2 36	3 30	6 26	1 8	25 11	1 31	7 19	1 19	1 26	2 17	8 29	0 26	4 36	1 59	34 4	11 8	11 25	11 50	6 33		n.a.
W 6	12 5	23 0	2 36	2 32	3 36	6 14	1 15	25 13	1 31	7 14	1 19	1 29	2 17	8 31	0 26	4 35	1 59	34 4	11 8	11 25	11 51	6 37		n.a.
T 7	12 25	18 51	1 35	2 30	3 40	6 2	1 20	25 14	1 30	7 10	1 20	1 32	2 17	8 32	0 26	4 34	1 59	34 4	11 9	11 25	11 52	6 40		n.a.
F 8	12 45	14 0	0 32	2 31	3 43	5 49	1 26	25 15	1 30	7 5	1 20	1 35	2 18	8 33	0 26	4 34	1 59	34 5	11 9	11 25	11 54	6 43		n.a.
S 9	13 5	8 42	0s32	2 35	3 44	5 35	1 32	25 16	1 30	7 1	1 20	1 38	2 18	8 35	0 26	4 33	1 59	34 5	11 9	11 25	11 55	6 47		n.a.
S 10	13 24	3 10	1 34	2 42	3 45	5 21	1 37	25 17	1 29	6 56	1 20	1 41	2 18	8 36	0 26	4 32	1 59	34 5	11 10	11 26	11 56	6 50		n.a.
M11	13 44	2s27	2 31	2 52	3 45	5 7	1 42	25 18	1 29	6 52	1 20	1 43	2 18	8 37	0 26	4 32	1 59	34 6	11 10	11 27	11 57	6 53		n.a.
T 12	14 3	7 59	3 22	3 4	3 43	4 51	1 47	25 18	1 29	6 47	1 20	1 46	2 18	8 38	0 26	4 31	1 59	34 6	11 10	11 29	11 58	6 57		n.a.
W13	14 22	13 16	4 4	3 19	3 41	4 36	1 51	25 19	1 28	6 43	1 21	1 49	2 18	8 40	0 26	4 30	1 59	34 7	11 10	11 33	11 59	7 0		n.a.
T 14	14 40	18 6	4 36	3 36	3 38	4 20	1 56	25 19	1 28	6 39	1 21	1 52	2 18	8 41	0 26	4 30	1 59	34 7	11 11	11 36	12 0	7 3		n.a.
F 15	14 59	22 15	4 55	3 56	3 34	4 3	2 0	25 19	1 28	6 35	1 21	1 55	2 18	8 42	0 26	4 29	1 59	34 7	11 11	11 41	12 1	7 6		n.a.
S 16	15 17	25 30	5 1	4 18	3 29	3 46	2 4	25 19	1 27	6 30	1 21	1 58	2 18	8 44	0 26	4 28	1 59	34 8	11 11	11 45	12 3	7 10		n.a.
S 17	15 35	27 35	4 54	4 43	3 23	3 28	2 8	25 19	1 27	6 26	1 21	2 0	2 18	8 45	0 26	4 28	1 59	34 8	11 12	11 49	12 4	7 13		n.a.
M18	15 53	28 18	4 32	5 9	3 17	3 10	2 12	25 18	1 27	6 22	1 22	2 3	2 18	8 46	0 26	4 27	1 59	34 8	11 12	11 52	12 5	7 16		n.a.
T 19	16 10	27 32	3 56	5 38	3 10	2 52	2 15	25 18	1 26	6 18	1 22	2 6	2 18	8 47	0 26	4 27	1 59	34 9	11 12	11 55	12 6	7 20		n.a.
W20	16 28	25 15	3 7	6 9	3 2	2 33	2 18	25 17	1 26	6 14	1 22	2 9	2 19	8 49	0 26	4 26	1 59	34 9	11 13	11 56	12 7	7 23		n.a.
T 21	16 45	21 35	2 8	6 41	2 54	2 14	2 21	25 16	1 26	6 10	1 22	2 11	2 19	8 50	0 26	4 25	1 59	34 9	11 13	11 57	12 8	7 26		n.a.
F 22	17 2	16 42	1 0	7 16	2 45	1 54	2 24	25 15	1 25	6 6	1 22	2 14	2 19	8 51	0 26	4 25	1 59	34 10	11 13	11 57	12 9	7 29		n.a.
S 23	17 18	10 50	0n13	7 52	2 35	1 34	2 27	25 14	1 25	6 2	1 22	2 17	2 19	8 52	0 26	4 24	1 59	34 10	11 14	11 57	12 10	7 33		n.a.
S 24	17 34	4 19	1 27	8 30	2 25	1 14	2 30	25 12	1 25	5 58	1 23	2 19	2 19	8 54	0 26	4 24	1 59	34 10	11 14	11 58	12 12	7 36		n.a.
M25	17 50	2n35	2 37	9 9	2 15	0 54	2 32	25 10	1 24	5 54	1 23	2 22	2 19	8 55	0 26	4 23	2 0	34 11	11 14	11 58	12 13	7 39		n.a.
T 26	18 6	9 26	3 38	9 50	2 4	0 33	2 34	25 9	1 24	5 50	1 23	2 24	2 19	8 56	0 26	4 23	2 0	34 11	11 14	12 0	12 14	7 43		n.a.
W27	18 21	15 50	4 24	10 32	1 53	0 12	2 36	25 7	1 23	5 46	1 23	2 27	2 19	8 57	0 26	4 22	2 0	34 12	11 15	12 3	12 15	7 46		n.a.
T 28	18 37	21 19	4 52	11 15	1 41	0n10	2 38	25 4	1 23	5 43	1 23	2 29	2 20	8 59	0 26	4 22	2 0	34 12	11 15	12 7	12 16	7 49		n.a.
F 29	18 51	25 24	5 0	11 59	1 30	0 32	2 40	25 2	1 23	5 39	1 24	2 32	2 20	9 0	0 26	4 21	2 0	34 12	11 15	12 10	12 17	7 52		n.a.
S 30	19 6	27 44	4 49	12 43	1 18	0 53	2 41	25 0	1 22	5 35	1 24	2 34	2 20	9 1	0 26	4 21	2 0	34 13	11 15	12 14	12 18	7 56		n.a.
S 31	19n20	28n11	4n19	13n29	1s 6	1n16	2s43	24n57	1n22	5s32	1s24	2n37	2s20	9n 2	0s26	4s20	2s 0	34s13	11s16	12s18	12s19	7s59		n.a.

Julian Day Number = 1203618.5, Delta T = 09h20m01s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'13, Lahiri = -23°31'13 Julian Calendar 1 May 1418 BCE == Greg. Calendar 18 Apr. 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

JUNE 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 45 8	25♉52'57	12♋30	10♉ 4	10♈17	9♋ 9	19♓37	11♈56	23♈57	23♓49	14°R44	28°R 7	28♒ 6	11♎51	n.a.	M 1
T 2	15 49 5	26°50'04	25°46	11°54	11°16	9°46	19°47	12° 3	24° 0	23°50	14♑43	28♒ 3	28° 3	11°58	n.a.	T 2
W 3	15 53 2	27°47'11	8♌36	13°46	12°16	10°23	19°56	12° 9	24° 3	23°51	14°42	28° 0	28° 0	12° 5	n.a.	W 3
T 4	15 56 58	28°44'19	21° 4	15°42	13°16	11° 0	20° 5	12°15	24° 6	23°52	14°41	27°59	27°57	12°11	n.a.	T 4
F 5	16 0 55	29°41'26	3♍14	17°39	14°17	11°37	20°14	12°21	24° 9	23°54	14°40	27°59	27°54	12°18	n.a.	F 5
S 6	16 4 51	0♊38'34	15°12	19°39	15°18	12°14	20°23	12°28	24°12	23°55	14°39	27°59	27°50	12°25	n.a.	S 6
S 7	16 8 48	1°35'42	27° 3	21°41	16°19	12°51	20°31	12°34	24°15	23°56	14°39	27°57	27°47	12°31	n.a.	S 7
M 8	16 12 44	2°32'51	8♎52	23°45	17°20	13°28	20°40	12°40	24°18	23°57	14°38	27°53	27°44	12°38	n.a.	M 8
T 9	16 16 41	3°30'00	20°44	25°50	18°22	14° 5	20°48	12°46	24°21	23°58	14°37	27°46	27°41	12°45	n.a.	T 9
W10	16 20 38	4°27'09	2♏41	27°56	19°24	14°42	20°57	12°52	24°24	23°59	14°36	27°37	27°38	12°51	n.a.	W10
T 11	16 24 34	5°24'19	14°48	0♊ 3	20°26	15°19	21° 5	12°58	24°27	24° 0	14°35	27°25	27°35	12°58	n.a.	T 11
F 12	16 28 31	6°21'30	27° 4	2°10	21°28	15°57	21°13	13° 4	24°30	24° 1	14°34	27°12	27°31	13° 5	n.a.	F 12
S 13	16 32 27	7°18'42	9♐32	4°18	22°31	16°34	21°21	13° 9	24°33	24° 2	14°33	26°59	27°28	13°11	n.a.	S 13
S 14	16 36 24	8°15'54	22°12	6°25	23°34	17°11	21°28	13°15	24°35	24° 3	14°32	26°47	27°25	13°18	n.a.	S 14
M15	16 40 20	9°13'07	5♑ 3	8°32	24°38	17°49	21°36	13°21	24°38	24° 4	14°31	26°37	27°22	13°25	n.a.	M15
T 16	16 44 17	10°10'22	18° 6	10°38	25°41	18°26	21°43	13°26	24°41	24° 4	14°30	26°30	27°19	13°31	n.a.	T 16
W17	16 48 14	11° 7'37	1♒20	12°44	26°45	19° 4	21°51	13°32	24°44	24° 5	14°29	26°25	27°15	13°38	n.a.	W17
T 18	16 52 10	12° 4'54	14°45	14°49	27°49	19°41	21°58	13°37	24°46	24° 6	14°28	26°23	27°12	13°45	n.a.	T 18
F 19	16 56 7	13° 2'11	28°23	16°52	28°53	20°19	22° 5	13°42	24°49	24° 7	14°27	26°D23	27° 9	13°52	n.a.	F 19
S 20	17 0 3	13°59'30	12♓13	18°54	29°58	20°57	22°12	13°48	24°51	24° 8	14°26	26°R23	27° 6	13°58	n.a.	S 20
S 21	17 4 0	14°56'50	26°18	20°55	1♉ 2	21°34	22°18	13°53	24°54	24° 8	14°25	26°23	27° 3	14° 5	n.a.	S 21
M22	17 7 56	15°54'12	10♈35	22°55	2° 7	22°12	22°25	13°58	24°57	24° 9	14°24	26°21	27° 0	14°12	n.a.	M22
T 23	17 11 53	16°51'35	25° 2	24°53	3°13	22°50	22°31	14° 3	24°59	24° 9	14°23	26°16	26°56	14°18	n.a.	T 23
W24	17 15 49	17°48'59	9♉37	26°50	4°18	23°28	22°38	14° 8	25° 1	24°10	14°21	26° 9	26°53	14°25	n.a.	W24
T 25	17 19 46	18°46'25	24°13	28°45	5°23	24° 6	22°44	14°13	25° 4	24°11	14°20	26° 0	26°50	14°32	n.a.	T 25
F 26	17 23 43	19°43'52	8♊43	0♋39	6°29	24°44	22°50	14°17	25° 6	24°11	14°19	25°50	26°47	14°38	n.a.	F 26
S 27	17 27 39	20°41'20	23° 1	2°31	7°35	25°22	22°55	14°22	25° 9	24°12	14°18	25°40	26°44	14°45	n.a.	S 27
S 28	17 31 36	21°38'50	7♋ 0	4°22	8°41	26° 0	23° 1	14°27	25°11	24°12	14°17	25°31	26°41	14°52	n.a.	S 28
M29	17 35 32	22°36'21	20°36	6°11	9°47	26°38	23° 7	14°31	25°13	24°13	14°16	25°25	26°37	14°58	n.a.	M29
T 30	17 39 29	23♊33'53	3♌49	7♋58	10♉54	27♋16	23♓12	14♈36	25♈15	24♓13	14♑14	25♒20	26♒34	15♎ 5	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n34	26n51	3n36	14n15	0s54	1n38	2s44	24n54	1n22	5s28	1s24	2n39	2s20	9n 3	0s26	4s20	2s 0	34s13	11s16	12s20	12s21	8s 2		n.a.
T 2	19 48	24 1	2 42	15 1	0 42	2 1	2 45	24 51	1 21	5 24	1 25	2 42	2 20	9 4	0 26	4 19	2 0	34 14	11 16	12 22	12 22	8 5		n.a.
W 3	20 1	20 3	1 41	15 47	0 30	2 23	2 46	24 48	1 21	5 21	1 25	2 44	2 20	9 6	0 26	4 19	2 0	34 14	11 17	12 23	12 23	8 9		n.a.
T 4	20 14	15 18	0 37	16 33	0 18	2 46	2 47	24 44	1 21	5 18	1 25	2 47	2 20	9 7	0 26	4 18	2 0	34 14	11 17	12 23	12 24	8 12		n.a.
F 5	20 27	10 4	0s28	17 18	0 6	3 10	2 48	24 41	1 20	5 14	1 25	2 49	2 21	9 8	0 26	4 18	2 0	34 15	11 17	12 23	12 25	8 15		n.a.
S 6	20 39	4 33	1 30	18 3	0n 5	3 33	2 48	24 37	1 20	5 11	1 25	2 51	2 21	9 9	0 26	4 18	2 0	34 15	11 17	12 23	12 26	8 18		n.a.
S 7	20 51	1s 3	2 27	18 46	0 16	3 56	2 48	24 33	1 20	5 8	1 26	2 53	2 21	9 10	0 26	4 17	2 0	34 16	11 18	12 24	12 27	8 22		n.a.
M 8	21 2	6 36	3 18	19 28	0 27	4 20	2 49	24 29	1 19	5 4	1 26	2 56	2 21	9 11	0 26	4 17	2 0	34 16	11 18	12 25	12 28	8 25		n.a.
T 9	21 14	11 56	4 1	20 9	0 37	4 44	2 49	24 25	1 19	5 1	1 26	2 58	2 21	9 12	0 26	4 16	2 0	34 16	11 18	12 28	12 29	8 28		n.a.
W10	21 24	16 53	4 33	20 48	0 46	5 7	2 49	24 20	1 18	4 58	1 26	3 0	2 21	9 13	0 26	4 16	2 1	34 17	11 18	12 31	12 31	8 31		n.a.
T 11	21 35	21 13	4 53	21 25	0 56	5 31	2 49	24 15	1 18	4 55	1 27	3 2	2 22	9 14	0 26	4 16	2 1	34 17	11 19	12 35	12 32	8 34		n.a.
F 12	21 45	24 43	5 0	22 0	1 4	5 55	2 49	24 11	1 18	4 52	1 27	3 4	2 22	9 15	0 26	4 15	2 1	34 17	11 19	12 39	12 33	8 38		n.a.
S 13	21 55	27 6	4 53	22 33	1 12	6 19	2 48	24 6	1 17	4 49	1 27	3 7	2 22	9 16	0 26	4 15	2 1	34 18	11 19	12 44	12 34	8 41		n.a.
S 14	22 4	28 9	4 32	23 3	1 19	6 43	2 48	24 0	1 17	4 46	1 27	3 9	2 22	9 17	0 26	4 15	2 1	34 18	11 19	12 48	12 35	8 44		n.a.
M15	22 13	27 42	3 56	23 31	1 25	7 7	2 47	23 55	1 16	4 44	1 28	3 11	2 22	9 18	0 26	4 15	2 1	34 18	11 19	12 52	12 36	8 47		n.a.
T 16	22 22	25 43	3 8	23 56	1 31	7 31	2 46	23 49	1 16	4 41	1 28	3 13	2 22	9 19	0 26	4 14	2 1	34 19	11 20	12 54	12 37	8 51		n.a.
W17	22 30	22 18	2 9	24 18	1 36	7 55	2 46	23 44	1 16	4 38	1 28	3 15	2 23	9 20	0 26	4 14	2 1	34 19	11 20	12 56	12 38	8 54		n.a.
T 18	22 38	17 40	1 1	24 38	1 40	8 19	2 45	23 38	1 15	4 35	1 28	3 17	2 23	9 21	0 26	4 14	2 1	34 19	11 20	12 56	12 39	8 57		n.a.
F 19	22 46	12 5	0n11	24 55	1 43	8 44	2 44	23 32	1 15	4 33	1 29	3 19	2 23	9 22	0 26	4 14	2 1	34 20	11 20	12 57	12 41	9 0		n.a.
S 20	22 53	5 49	1 23	25 9	1 46	9 8	2 43	23 26	1 15	4 30	1 29	3 20	2 23	9 23	0 26	4 13	2 1	34 20	11 21	12 57	12 42	9 3		n.a.
S 21	23 0	0n49	2 32	25 21	1 48	9 32	2 41	23 19	1 14	4 28	1 29	3 22	2 23	9 24	0 26	4 13	2 1	34 20	11 21	12 57	12 43	9 7		n.a.
M22	23 6	7 30	3 32	25 30	1 50	9 55	2 40	23 13	1 14	4 25	1 29	3 24	2 24	9 25	0 26	4 13	2 1	34 21	11 21	12 57	12 44	9 10		n.a.
T 23	23 12	13 52	4 19	25 36	1 51	10 19	2 39	23 6	1 13	4 23	1 30	3 26	2 24	9 26	0 26	4 13	2 1	34 21	11 21	12 59	12 45	9 13		n.a.
W24	23 18	19 31	4 50	25 40	1 51	10 43	2 37	22 59	1 13	4 21	1 30	3 28	2 24	9 27	0 26	4 13	2 1	34 21	11 21	13 1	12 46	9 16		n.a.
T 25	23 23	24 2	5 2	25 42	1 50	11 7	2 35	22 52	1 13	4 19	1 30	3 29	2 24	9 28	0 26	4 12	2 2	34 22	11 21	13 4	12 47	9 19		n.a.
F 26	23 27	27 0	4 55	25 41	1 49	11 30	2 34	22 44	1 12	4 16	1 30	3 31	2 24	9 29	0 26	4 12	2 2	34 22	11 22	13 8	12 48	9 23		n.a.
S 27	23 32	28 9	4 29	25 38	1 48	11 54	2 32	22 37	1 12	4 14	1 31	3 33	2 25	9 30	0 26	4 12	2 2	34 22	11 22	13 11	12 49	9 26		n.a.
S 28	23 36	27 28	3 48	25 33	1 46	12 17	2 30	22 29	1 11	4 12	1 31	3 34	2 25	9 30	0 26	4 12	2 2	34 22	11 22	13 14	12 50	9 29		n.a.
M29	23 39	25 7	2 54	25 26	1 43	12 40	2 28	22 22	1 11	4 10	1 31	3 36	2 25	9 31	0 26	4 12	2 2	34 23	11 22	13 17	12 52	9 32		n.a.
T 30	23n42	21n27	1n52	25n17	1n40	13n 3	2s26	22n14	1n10	4s 9	1s31	3n38	2s25	9n32	0s26	4s12	2s 2	34s23	11s22	13s18	12s53	9s35		n.a.

Julian Day Number = 1203649.5, Delta T = 09h19m59s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'09, Lahiri = -23°31'08 Julian Calendar 1 June 1418 BCE == Greg. Calendar 19 May 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

JULY 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 43 25	24♊31'26	16♌38	9♋44	12♉ 0	27♋54	23♓17	14♈40	25♈18	24♓13	14°R13	25°R18	26♒31	15♎12	n.a.	W 1
T 2	17 47 22	25°29'00	29° 6	11°29	13° 7	28°33	23°22	14°44	25°20	24°14	14♑12	25°D18	26°28	15°18	n.a.	T 2
F 3	17 51 18	26°26'35	11♍17	13°12	14°14	29°11	23°27	14°49	25°22	24°14	14°11	25♒19	26°25	15°25	n.a.	F 3
S 4	17 55 15	27°24'11	23°17	14°53	15°21	29°49	23°31	14°53	25°24	24°14	14°10	25°R19	26°21	15°32	n.a.	S 4
S 5	17 59 12	28°21'49	5♎ 9	16°33	16°28	0♌28	23°36	14°57	25°26	24°14	14° 8	25°19	26°18	15°39	n.a.	S 5
M 6	18 3 8	29°19'28	17° 0	18°11	17°36	1° 6	23°40	15° 1	25°28	24°15	14° 7	25°17	26°15	15°45	n.a.	M 6
T 7	18 7 5	0♋17'08	28°54	19°48	18°43	1°45	23°44	15° 5	25°30	24°15	14° 6	25°13	26°12	15°52	n.a.	T 7
W 8	18 11 1	1°14'49	10♏55	21°24	19°51	2°23	23°48	15° 8	25°32	24°15	14° 5	25° 7	26° 9	15°59	n.a.	W 8
T 9	18 14 58	2°12'31	23° 8	22°58	20°59	3° 2	23°51	15°12	25°33	24°15	14° 3	25° 0	26° 6	16° 5	n.a.	T 9
F 10	18 18 54	3°10'15	5♐34	24°30	22° 7	3°41	23°55	15°16	25°35	24°15	14° 2	24°51	26° 2	16°12	n.a.	F 10
S 11	18 22 51	4° 8'01	18°16	26° 1	23°15	4°19	23°58	15°19	25°37	24°R15	14° 1	24°42	25°59	16°19	n.a.	S 11
S 12	18 26 47	5° 5'48	1♑12	27°31	24°23	4°58	24° 1	15°22	25°39	24°15	13°59	24°33	25°56	16°25	n.a.	S 12
M13	18 30 44	6° 3'37	14°24	28°59	25°32	5°37	24° 4	15°26	25°40	24°15	13°58	24°26	25°53	16°32	n.a.	M13
T 14	18 34 41	7° 1'27	27°49	0♌25	26°40	6°16	24° 7	15°29	25°42	24°15	13°57	24°21	25°50	16°39	n.a.	T 14
W15	18 38 37	7°59'20	11♒25	1°50	27°49	6°55	24°10	15°32	25°44	24°15	13°56	24°19	25°47	16°45	n.a.	W15
T 16	18 42 34	8°57'13	25°11	3°14	28°58	7°34	24°12	15°35	25°45	24°15	13°54	24°D18	25°43	16°52	n.a.	T 16
F 17	18 46 30	9°55'09	9♓ 6	4°36	0♊ 7	8°13	24°14	15°38	25°47	24°15	13°53	24°19	25°40	16°59	n.a.	F 17
S 18	18 50 27	10°53'07	23° 7	5°56	1°16	8°52	24°16	15°41	25°48	24°14	13°52	24°20	25°37	17° 6	n.a.	S 18
S 19	18 54 23	11°51'07	7♈14	7°14	2°25	9°31	24°18	15°43	25°50	24°14	13°50	24°R21	25°34	17°12	n.a.	S 19
M20	18 58 20	12°49'09	21°25	8°31	3°35	10°10	24°20	15°46	25°51	24°14	13°49	24°20	25°31	17°19	n.a.	M20
T 21	19 2 16	13°47'13	5♉38	9°46	4°44	10°49	24°21	15°48	25°52	24°13	13°48	24°19	25°27	17°26	n.a.	T 21
W22	19 6 13	14°45'20	19°51	11° 0	5°54	11°29	24°22	15°51	25°53	24°13	13°47	24°15	25°24	17°32	n.a.	W22
T 23	19 10 10	15°43'28	4♊ 1	12°11	7° 4	12° 8	24°23	15°53	25°55	24°13	13°45	24°10	25°21	17°39	n.a.	T 23
F 24	19 14 6	16°41'39	18° 4	13°20	8°14	12°47	24°24	15°55	25°56	24°12	13°44	24° 4	25°18	17°46	n.a.	F 24
S 25	19 18 3	17°39'52	1♋56	14°27	9°24	13°27	24°25	15°57	25°57	24°12	13°43	23°58	25°15	17°52	n.a.	S 25
S 26	19 21 59	18°38'06	15°33	15°32	10°34	14° 6	24°25	15°59	25°58	24°12	13°41	23°53	25°12	17°59	n.a.	S 26
M27	19 25 56	19°36'23	28°53	16°35	11°44	14°46	24°26	16° 1	25°59	24°11	13°40	23°49	25° 8	18° 6	n.a.	M27
T 28	19 29 52	20°34'42	11♌53	17°35	12°54	15°25	24°R26	16° 3	26° 0	24°11	13°39	23°47	25° 5	18°13	n.a.	T 28
W29	19 33 49	21°33'02	24°35	18°33	14° 5	16° 5	24°26	16° 4	26° 1	24°10	13°37	23°D47	25° 2	18°19	n.a.	W29
T 30	19 37 45	22°31'24	7♍ 0	19°27	15°15	16°45	24°25	16° 6	26° 2	24° 9	13°36	23°47	24°59	18°26	n.a.	T 30
F 31	19 41 42	23♋29'48	19♍10	20♌19	16♊26	17♌25	24♓25	16♈ 7	26♈ 3	24♓ 9	13♑35	23♒49	24♒56	18♎33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n45	16n52	0n46	25n 6	1n37	13n26	2s24	22n 5	1n10	4s 7	1s32	3n39	2s25	9n33	0s26	4s12	2s 2	34s23	11s22	13s19	12s54	9s39			n.a.
T 2	23 47	11 40	0s20	24 54	1 33	13 48	2 22	21 57	1 10	4 5	1 32	3 41	2 26	9 34	0 26	4 12	2 2	34 24	11 23	13 19	12 55	9 42			n.a.
F 3	23 49	6 9	1 25	24 40	1 28	14 11	2 19	21 49	1 9	4 3	1 32	3 42	2 26	9 34	0 26	4 12	2 2	34 24	11 23	13 19	12 56	9 45			n.a.
S 4	23 50	0 31	2 24	24 24	1 24	14 33	2 17	21 40	1 9	4 2	1 33	3 43	2 26	9 35	0 26	4 12	2 2	34 24	11 23	13 18	12 57	9 48			n.a.
S 5	23 51	5s 5	3 17	24 7	1 19	14 55	2 15	21 31	1 8	4 0	1 33	3 45	2 26	9 36	0 26	4 12	2 2	34 25	11 23	13 19	12 58	9 51			n.a.
M 6	23 52	10 29	4 1	23 49	1 13	15 16	2 12	21 22	1 8	3 59	1 33	3 46	2 27	9 37	0 26	4 12	2 2	34 25	11 23	13 19	12 59	9 54			n.a.
T 7	23 52	15 32	4 35	23 29	1 7	15 37	2 10	21 13	1 8	3 57	1 33	3 47	2 27	9 37	0 26	4 12	2 2	34 25	11 23	13 20	13 0	9 58			n.a.
W 8	23 51	20 3	4 57	23 8	1 1	15 58	2 7	21 4	1 7	3 56	1 34	3 49	2 27	9 38	0 26	4 12	2 2	34 25	11 23	13 23	13 1	10 1			n.a.
T 9	23 51	23 48	5 6	22 46	0 54	16 19	2 4	20 54	1 7	3 55	1 34	3 50	2 27	9 39	0 26	4 12	2 3	34 26	11 23	13 25	13 3	10 4			n.a.
F 10	23 49	26 32	5 1	22 23	0 48	16 40	2 2	20 45	1 6	3 54	1 34	3 51	2 27	9 39	0 26	4 12	2 3	34 26	11 24	13 28	13 4	10 7			n.a.
S 11	23 48	28 0	4 41	21 59	0 41	17 0	1 59	20 35	1 6	3 53	1 35	3 52	2 28	9 40	0 26	4 12	2 3	34 26	11 24	13 31	13 5	10 10			n.a.
S 12	23 46	27 58	4 6	21 34	0 33	17 20	1 56	20 25	1 5	3 52	1 35	3 53	2 28	9 41	0 26	4 12	2 3	34 26	11 24	13 34	13 6	10 13			n.a.
M13	23 43	26 21	3 18	21 9	0 26	17 39	1 53	20 15	1 5	3 51	1 35	3 54	2 28	9 41	0 26	4 12	2 3	34 27	11 24	13 37	13 7	10 17			n.a.
T 14	23 40	23 13	2 18	20 42	0 18	17 58	1 50	20 5	1 4	3 50	1 35	3 55	2 28	9 42	0 26	4 12	2 3	34 27	11 24	13 38	13 8	10 20			n.a.
W15	23 37	18 46	1 9	20 16	0 10	18 17	1 47	19 54	1 4	3 49	1 36	3 56	2 29	9 42	0 26	4 12	2 3	34 27	11 24	13 39	13 9	10 23			n.a.
T 16	23 33	13 17	0n 5	19 48	0 1	18 35	1 44	19 44	1 4	3 48	1 36	3 57	2 29	9 43	0 26	4 12	2 3	34 27	11 24	13 39	13 10	10 26			n.a.
F 17	23 29	7 5	1 19	19 20	0s 7	18 53	1 41	19 33	1 3	3 48	1 36	3 58	2 29	9 44	0 26	4 12	2 3	34 27	11 24	13 39	13 11	10 29			n.a.
S 18	23 24	0 30	2 30	18 52	0 16	19 11	1 38	19 22	1 3	3 47	1 37	3 59	2 29	9 44	0 26	4 12	2 3	34 28	11 24	13 39	13 12	10 32			n.a.
S 19	23 19	6n 8	3 31	18 24	0 24	19 28	1 35	19 11	1 2	3 47	1 37	4 0	2 30	9 45	0 26	4 13	2 3	34 28	11 24	13 38	13 13	10 35			n.a.
M20	23 14	12 30	4 20	17 55	0 33	19 44	1 32	19 0	1 2	3 46	1 37	4 1	2 30	9 45	0 26	4 13	2 3	34 28	11 24	13 38	13 15	10 39			n.a.
T 21	23 8	18 14	4 54	17 26	0 42	20 0	1 29	18 49	1 1	3 46	1 37	4 1	2 30	9 46	0 26	4 13	2 3	34 28	11 24	13 39	13 16	10 42			n.a.
W22	23 2	22 58	5 9	16 57	0 52	20 16	1 26	18 37	1 1	3 46	1 38	4 2	2 30	9 46	0 26	4 13	2 3	34 29	11 25	13 40	13 17	10 45			n.a.
T 23	22 55	26 19	5 5	16 28	1 1	20 31	1 22	18 25	1 0	3 46	1 38	4 3	2 31	9 46	0 26	4 13	2 4	34 29	11 25	13 42	13 18	10 48			n.a.
F 24	22 48	28 1	4 43	15 59	1 10	20 46	1 19	18 14	1 0	3 46	1 38	4 3	2 31	9 47	0 26	4 14	2 4	34 29	11 25	13 44	13 19	10 51			n.a.
S 25	22 40	27 56	4 5	15 31	1 20	21 0	1 16	18 2	0 59	3 46	1 39	4 4	2 31	9 47	0 26	4 14	2 4	34 29	11 25	13 46	13 20	10 54			n.a.
S 26	22 32	26 8	3 13	15 2	1 30	21 14	1 13	17 50	0 59	3 46	1 39	4 4	2 31	9 48	0 26	4 14	2 4	34 29	11 25	13 48	13 21	10 57			n.a.
M27	22 24	22 54	2 12	14 34	1 39	21 27	1 9	17 37	0 59	3 46	1 39	4 5	2 32	9 48	0 26	4 14	2 4	34 29	11 25	13 49	13 22	11 0			n.a.
T 28	22 15	18 34	1 5	14 7	1 49	21 39	1 6	17 25	0 58	3 46	1 39	4 5	2 32	9 48	0 26	4 15	2 4	34 30	11 25	13 50	13 23	11 3			n.a.
W29	22 6	13 29	0s 4	13 40	1 58	21 52	1 3	17 13	0 58	3 46	1 40	4 6	2 32	9 49	0 26	4 15	2 4	34 30	11 25	13 50	13 24	11 7			n.a.
T 30	21 57	7 59	1 12	13 13	2 8	22 3	0 59	17 0	0 57	3 47	1 40	4 6	2 32	9 49	0 27	4 15	2 4	34 30	11 25	13 50	13 25	11 10			n.a.
F 31	21n47	2n18	2s15	12n48	2s18	22n14	0s56	16n47	0n57	3s47	1s40	4n 6	2s33	9n49	0s27	4s15	2s 4	34s30	11s25	13s49	13s27	11s13			n.a.

Julian Day Number = 1203679.5, Delta T = 09h19m58s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'05, Lahiri = -23°31'04 Julian Calendar 1 July 1418 BCE == Greg. Calendar 18 June 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

AUGUST 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 45 39	24♋28'13	1♎ 9	21♌ 8	17♊37	18♌ 4	24°R24	16♈ 9	26♈ 3	24°R 8	13°R34	23♒51	24♒53	18♎39	n.a.	S 1
S 2	19 49 35	25°26'41	13° 2	21°53	18°48	18°44	24♓23	16°10	26° 4	24♓ 7	13♑32	23°52	24°49	18°46	n.a.	S 2
M 3	19 53 32	26°25'10	24°54	22°35	19°59	19°24	24°22	16°11	26° 5	24° 7	13°31	23°R53	24°46	18°53	n.a.	M 3
T 4	19 57 28	27°23'41	6♏48	23°13	21°10	20° 4	24°20	16°12	26° 5	24° 6	13°30	23°52	24°43	18°59	n.a.	T 4
W 5	20 1 25	28°22'14	18°51	23°46	22°21	20°44	24°19	16°13	26° 6	24° 5	13°29	23°51	24°40	19° 6	n.a.	W 5
T 6	20 5 21	29°20'48	1♐ 6	24°15	23°32	21°24	24°17	16°14	26° 6	24° 4	13°27	23°48	24°37	19°13	n.a.	T 6
F 7	20 9 18	0♑19'25	13°36	24°39	24°44	22° 4	24°15	16°14	26° 7	24° 4	13°26	23°45	24°33	19°20	n.a.	F 7
S 8	20 13 14	1°18'04	26°26	24°58	25°55	22°45	24°13	16°15	26° 7	24° 3	13°25	23°41	24°30	19°26	n.a.	S 8
S 9	20 17 11	2°16'44	9♑35	25°12	27° 7	23°25	24°11	16°15	26° 8	24° 2	13°24	23°38	24°27	19°33	n.a.	S 9
M10	20 21 8	3°15'27	23° 4	25°19	28°18	24° 5	24° 8	16°15	26° 8	24° 1	13°22	23°35	24°24	19°40	n.a.	M10
T 11	20 25 4	4°14'11	6♒51	25°R20	29°30	24°45	24° 5	16°16	26° 8	24° 0	13°21	23°34	24°21	19°46	n.a.	T 11
W12	20 29 1	5°12'58	20°53	25°15	0♋42	25°26	24° 2	16°R16	26° 8	23°59	13°20	23°D33	24°18	19°53	n.a.	W12
T 13	20 32 57	6°11'47	5♓ 7	25° 3	1°54	26° 6	23°59	16°16	26° 8	23°58	13°19	23°33	24°14	20° 0	n.a.	T 13
F 14	20 36 54	7°10'38	19°27	24°44	3° 6	26°47	23°56	16°16	26° 9	23°57	13°18	23°34	24°11	20° 6	n.a.	F 14
S 15	20 40 50	8° 9'31	3♈49	24°17	4°18	27°27	23°52	16°15	26°R 9	23°56	13°17	23°35	24° 8	20°13	n.a.	S 15
S 16	20 44 47	9° 8'27	18°11	23°43	5°30	28° 8	23°49	16°15	26° 9	23°55	13°15	23°36	24° 5	20°20	n.a.	S 16
M17	20 48 43	10° 7'25	2♉27	23° 2	6°43	28°49	23°45	16°15	26° 9	23°54	13°14	23°37	24° 2	20°27	n.a.	M17
T 18	20 52 40	11° 6'26	16°36	22°15	7°55	29°29	23°41	16°14	26° 8	23°53	13°13	23°R37	23°59	20°33	n.a.	T 18
W19	20 56 36	12° 5'30	0♊36	21°20	9° 7	0♍10	23°36	16°13	26° 8	23°52	13°12	23°36	23°55	20°40	n.a.	W19
T 20	21 0 33	13° 4'36	14°26	20°21	10°20	0°51	23°32	16°12	26° 8	23°50	13°11	23°35	23°52	20°47	n.a.	T 20
F 21	21 4 30	14° 3'44	28° 3	19°17	11°33	1°32	23°27	16°12	26° 8	23°49	13°10	23°34	23°49	20°53	n.a.	F 21
S 22	21 8 26	15° 2'55	11♋28	18°10	12°46	2°13	23°23	16°11	26° 7	23°48	13° 9	23°33	23°46	21° 0	n.a.	S 22
S 23	21 12 23	16° 2'09	24°39	17° 1	13°58	2°54	23°18	16° 9	26° 7	23°47	13° 8	23°32	23°43	21° 7	n.a.	S 23
M24	21 16 19	17° 1'24	7♌36	15°53	15°11	3°35	23°13	16° 8	26° 7	23°45	13° 7	23°32	23°39	21°13	n.a.	M24
T 25	21 20 16	18° 0'42	20°19	14°46	16°24	4°16	23° 7	16° 7	26° 6	23°44	13° 6	23°D31	23°36	21°20	n.a.	T 25
W26	21 24 12	19° 0'02	2♍49	13°44	17°37	4°57	23° 2	16° 5	26° 6	23°43	13° 5	23°31	23°33	21°27	n.a.	W26
T 27	21 28 9	19°59'23	15° 5	12°47	18°50	5°38	22°56	16° 4	26° 5	23°41	13° 4	23°32	23°30	21°34	n.a.	T 27
F 28	21 32 5	20°58'47	27°11	11°57	20° 4	6°19	22°50	16° 2	26° 4	23°40	13° 3	23°32	23°27	21°40	n.a.	F 28
S 29	21 36 2	21°58'13	9♎ 8	11°16	21°17	7° 1	22°44	16° 0	26° 4	23°39	13° 2	23°32	23°24	21°47	n.a.	S 29
S 30	21 39 58	22°57'42	21° 1	10°44	22°30	7°42	22°38	15°58	26° 3	23°37	13° 1	23°32	23°20	21°54	n.a.	S 30
M31	21 43 55	23♌57'12	2♏51	10♌23	23♋44	8♍23	22♓32	15♈56	26♈ 2	23♓36	13♑ 0	23°R32	23♒17	22♎ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n36	3s22	3s11	12n23	2s27	22n24	0s53	16n34	0n56	3s48	1s41	4n 7	2s33	9n49	0s27	4s16	2s 4	34s30	11s25	13s49	13s28	11s16		n.a.
S 2	21 26	8 53	3 58	12 0	2 36	22 34	0 49	16 21	0 56	3 49	1 41	4 7	2 33	9 50	0 27	4 16	2 4	34 30	11 25	13 48	13 29	11 19		n.a.
M 3	21 14	14 3	4 35	11 38	2 45	22 43	0 46	16 8	0 55	3 49	1 41	4 7	2 33	9 50	0 27	4 16	2 4	34 30	11 25	13 48	13 30	11 22		n.a.
T 4	21 3	18 44	5 0	11 17	2 54	22 51	0 42	15 55	0 55	3 50	1 41	4 7	2 34	9 50	0 27	4 17	2 4	34 31	11 25	13 48	13 31	11 25		n.a.
W 5	20 51	22 44	5 13	10 58	3 3	22 59	0 39	15 41	0 54	3 51	1 42	4 7	2 34	9 50	0 27	4 17	2 4	34 31	11 25	13 49	13 32	11 28		n.a.
T 6	20 39	25 49	5 11	10 40	3 11	23 6	0 36	15 28	0 54	3 52	1 42	4 7	2 34	9 51	0 27	4 18	2 4	34 31	11 25	13 49	13 33	11 31		n.a.
F 7	20 26	27 43	4 55	10 25	3 19	23 13	0 32	15 14	0 53	3 53	1 42	4 7	2 34	9 51	0 27	4 18	2 5	34 31	11 25	13 51	13 34	11 34		n.a.
S 8	20 13	28 13	4 24	10 11	3 27	23 19	0 29	15 0	0 53	3 54	1 42	4 7	2 35	9 51	0 27	4 18	2 5	34 31	11 25	13 52	13 35	11 37		n.a.
S 9	20 0	27 9	3 39	10 0	3 33	23 24	0 26	14 46	0 52	3 55	1 43	4 7	2 35	9 51	0 27	4 19	2 5	34 31	11 24	13 53	13 36	11 40		n.a.
M10	19 46	24 29	2 40	9 52	3 40	23 29	0 22	14 32	0 52	3 56	1 43	4 7	2 35	9 51	0 27	4 19	2 5	34 31	11 24	13 54	13 37	11 44		n.a.
T 11	19 32	20 21	1 31	9 47	3 45	23 33	0 19	14 18	0 51	3 58	1 43	4 7	2 35	9 51	0 27	4 20	2 5	34 31	11 24	13 54	13 38	11 47		n.a.
W12	19 18	15 1	0 15	9 44	3 49	23 36	0 16	14 4	0 51	3 59	1 44	4 7	2 36	9 51	0 27	4 20	2 5	34 31	11 24	13 54	13 39	11 50		n.a.
T 13	19 3	8 49	1n 3	9 45	3 53	23 39	0 12	13 50	0 50	4 1	1 44	4 7	2 36	9 51	0 27	4 21	2 5	34 31	11 24	13 54	13 41	11 53		n.a.
F 14	18 48	2 8	2 18	9 49	3 55	23 40	0 9	13 35	0 50	4 2	1 44	4 6	2 36	9 51	0 27	4 21	2 5	34 31	11 24	13 54	13 42	11 56		n.a.
S 15	18 33	4n40	3 25	9 58	3 56	23 42	0 6	13 20	0 49	4 4	1 44	4 6	2 36	9 51	0 27	4 21	2 5	34 32	11 24	13 54	13 43	11 59		n.a.
S 16	18 17	11 13	4 18	10 9	3 55	23 42	0 3	13 6	0 49	4 6	1 44	4 6	2 37	9 51	0 27	4 22	2 5	34 32	11 24	13 53	13 44	12 2		n.a.
M17	18 1	17 8	4 55	10 25	3 53	23 42	0n 0	12 51	0 48	4 7	1 45	4 5	2 37	9 51	0 27	4 22	2 5	34 32	11 24	13 53	13 45	12 5		n.a.
T 18	17 45	22 6	5 14	10 45	3 48	23 41	0 4	12 36	0 48	4 9	1 45	4 5	2 37	9 51	0 27	4 23	2 5	34 32	11 24	13 53	13 46	12 8		n.a.
W19	17 28	25 45	5 14	11 8	3 42	23 39	0 7	12 21	0 47	4 11	1 45	4 4	2 37	9 51	0 27	4 23	2 5	34 32	11 24	13 53	13 47	12 11		n.a.
T 20	17 11	27 50	4 56	11 35	3 34	23 37	0 10	12 5	0 47	4 13	1 45	4 4	2 38	9 51	0 27	4 24	2 5	34 32	11 24	13 54	13 48	12 14		n.a.
F 21	16 54	28 12	4 21	12 4	3 24	23 34	0 13	11 50	0 46	4 15	1 46	4 3	2 38	9 51	0 27	4 24	2 5	34 32	11 24	13 54	13 49	12 17		n.a.
S 22	16 36	26 53	3 32	12 37	3 12	23 30	0 16	11 35	0 46	4 17	1 46	4 3	2 38	9 51	0 27	4 25	2 5	34 32	11 23	13 54	13 50	12 20		n.a.
S 23	16 19	24 5	2 33	13 11	2 58	23 26	0 19	11 19	0 45	4 20	1 46	4 2	2 38	9 51	0 27	4 26	2 5	34 32	11 23	13 55	13 51	12 23		n.a.
M24	16 1	20 6	1 27	13 47	2 42	23 20	0 22	11 4	0 45	4 22	1 46	4 1	2 39	9 50	0 27	4 26	2 5	34 32	11 23	13 55	13 52	12 26		n.a.
T 25	15 42	15 15	0 18	14 23	2 25	23 15	0 25	10 48	0 44	4 24	1 46	4 1	2 39	9 50	0 27	4 27	2 5	34 32	11 23	13 55	13 53	12 29		n.a.
W26	15 23	9 51	0s51	14 59	2 6	23 8	0 27	10 32	0 43	4 26	1 47	4 0	2 39	9 50	0 27	4 27	2 6	34 32	11 23	13 55	13 54	12 32		n.a.
T 27	15 5	4 11	1 57	15 34	1 47	23 1	0 30	10 16	0 43	4 29	1 47	3 59	2 39	9 50	0 27	4 28	2 6	34 32	11 23	13 55	13 55	12 35		n.a.
F 28	14 45	1s33	2 56	16 7	1 27	22 53	0 33	10 0	0 42	4 31	1 47	3 58	2 40	9 50	0 27	4 28	2 6	34 32	11 23	13 55	13 57	12 38		n.a.
S 29	14 26	7 9	3 47	16 38	1 7	22 44	0 36	9 44	0 42	4 34	1 47	3 57	2 40	9 49	0 27	4 29	2 6	34 32	11 23	13 55	13 58	12 41		n.a.
S 30	14 6	12 27	4 28	17 6	0 47	22 35	0 38	9 28	0 41	4 37	1 47	3 56	2 40	9 49	0 27	4 30	2 6	34 32	11 22	13 55	13 59	12 44		n.a.
M31	13n46	17s18	4s57	17n30	0s28	22n25	0n41	9n12	0n41	4s39	1s47	3n55	2s40	9n49	0s27	4s30	2s 6	34s32	11s22	13s55	14s 0	12s47		n.a.

Julian Day Number = 1203710.5, Delta T = 09h19m56s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°38'01, Lahiri = -23°31'00 Julian Calendar 1 Aug. 1418 BCE == Greg. Calendar 19 July 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

SEPTEMBER 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 47 52	24♌56'44	14♏44	10°D12	24♋57	9♍ 5	22°R26	15°R54	26°R 1	23°R35	12°R59	23°R32	23♒14	22♎ 7	n.a.	T 1
W 2	21 51 48	25°56'18	26°45	10♌13	26°11	9°46	22♓19	15♈52	26♈ 1	23♓33	12♉58	23°D32	23°11	22°14	n.a.	W 2
T 3	21 55 45	26°55'53	8♐58	10°24	27°24	10°28	22°13	15°50	26° 0	23°32	12°57	23♒32	23° 8	22°20	n.a.	T 3
F 4	21 59 41	27°55'31	21°26	10°45	28°38	11°10	22° 6	15°47	25°59	23°30	12°56	23°33	23° 5	22°27	n.a.	F 4
S 5	22 3 38	28°55'11	4♑15	11°17	29°52	11°51	21°59	15°45	25°58	23°29	12°55	23°33	23° 1	22°34	n.a.	S 5
S 6	22 7 34	29°54'53	17°28	11°57	1♌ 6	12°33	21°52	15°42	25°57	23°27	12°55	23°34	22°58	22°41	n.a.	S 6
M 7	22 11 31	0♍54'36	1♒ 4	12°46	2°19	13°15	21°45	15°40	25°55	23°26	12°54	23°34	22°55	22°47	n.a.	M 7
T 8	22 15 27	1°54'22	15° 5	13°43	3°33	13°57	21°38	15°37	25°54	23°24	12°53	23°35	22°52	22°54	n.a.	T 8
W 9	22 19 24	2°54'10	29°28	14°47	4°47	14°39	21°30	15°34	25°53	23°23	12°52	23°R35	22°49	23° 1	n.a.	W 9
T 10	22 23 21	3°53'59	14♓ 6	15°57	6° 1	15°21	21°23	15°31	25°52	23°21	12°52	23°34	22°45	23° 7	n.a.	T 10
F 11	22 27 17	4°53'51	28°54	17°12	7°16	16° 3	21°16	15°28	25°51	23°19	12°51	23°33	22°42	23°14	n.a.	F 11
S 12	22 31 14	5°53'45	13♈45	18°31	8°30	16°45	21° 8	15°25	25°49	23°18	12°50	23°32	22°39	23°21	n.a.	S 12
S 13	22 35 10	6°53'41	28°30	19°55	9°44	17°27	21° 0	15°21	25°48	23°16	12°49	23°30	22°36	23°28	n.a.	S 13
M14	22 39 7	7°53'40	13♉ 3	21°22	10°58	18° 9	20°53	15°18	25°46	23°15	12°49	23°29	22°33	23°34	n.a.	M14
T 15	22 43 3	8°53'41	27°21	22°51	12°13	18°51	20°45	15°15	25°45	23°13	12°48	23°28	22°30	23°41	n.a.	T 15
W16	22 47 0	9°53'44	11♊20	24°23	13°27	19°33	20°37	15°11	25°43	23°11	12°48	23°D27	22°26	23°48	n.a.	W16
T 17	22 50 56	10°53'50	24°59	25°57	14°41	20°16	20°29	15° 8	25°42	23°10	12°47	23°28	22°23	23°54	n.a.	T 17
F 18	22 54 53	11°53'58	8♋20	27°32	15°56	20°58	20°21	15° 4	25°40	23° 8	12°46	23°29	22°20	24° 1	n.a.	F 18
S 19	22 58 49	12°54'09	21°24	29° 9	17°10	21°41	20°13	15° 0	25°39	23° 6	12°46	23°31	22°17	24° 8	n.a.	S 19
S 20	23 2 46	13°54'21	4♌13	0♍46	18°25	22°23	20° 5	14°56	25°37	23° 5	12°45	23°32	22°14	24°14	n.a.	S 20
M21	23 6 43	14°54'36	16°49	2°24	19°40	23° 6	19°57	14°52	25°35	23° 3	12°45	23°33	22°10	24°21	n.a.	M21
T 22	23 10 39	15°54'53	29°14	4° 3	20°54	23°48	19°49	14°49	25°33	23° 1	12°44	23°R33	22° 7	24°28	n.a.	T 22
W23	23 14 36	16°55'12	11♍28	5°42	22° 9	24°31	19°40	14°44	25°32	23° 0	12°44	23°32	22° 4	24°35	n.a.	W23
T 24	23 18 32	17°55'32	23°35	7°21	23°24	25°14	19°32	14°40	25°30	22°58	12°44	23°29	22° 1	24°41	n.a.	T 24
F 25	23 22 29	18°55'55	5♎34	9° 0	24°39	25°57	19°24	14°36	25°28	22°56	12°43	23°26	21°58	24°48	n.a.	F 25
S 26	23 26 25	19°56'19	17°28	10°39	25°54	26°39	19°16	14°32	25°26	22°55	12°43	23°21	21°55	24°55	n.a.	S 26
S 27	23 30 22	20°56'45	29°19	12°18	27° 8	27°22	19° 8	14°28	25°24	22°53	12°43	23°16	21°51	25° 1	n.a.	S 27
M28	23 34 18	21°57'13	11♏ 9	13°57	28°23	28° 5	19° 0	14°23	25°22	22°51	12°42	23°11	21°48	25° 8	n.a.	M28
T 29	23 38 15	22°57'42	23° 2	15°36	29°38	28°48	18°52	14°19	25°20	22°50	12°42	23° 7	21°45	25°15	n.a.	T 29
W30	23 42 12	23♍58'13	5♐ 1	17♍14	0♍53	29♍31	18♓43	14♈14	25♈18	22♓48	12♉42	23♒ 4	21♒42	25♎22	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n26	21s31	5s13	17n51	0s 9	22n14	0n44	8n55	0n40	4s42	1s48	3n54	2s40	9n48	0s27	4s31	2s 6	34s32	11s22	13s55	14s 1	12s50		n.a.
W 2	13 6	24 54	5 17	18 8	0n 8	22 3	0 46	8 39	0 40	4 45	1 48	3 53	2 41	9 48	0 27	4 31	2 6	34 31	11 22	13 55	14 2	12 53		n.a.
T 3	12 45	27 13	5 6	18 21	0 25	21 51	0 49	8 23	0 39	4 47	1 48	3 52	2 41	9 48	0 27	4 32	2 6	34 31	11 22	13 55	14 3	12 56		n.a.
F 4	12 24	28 15	4 40	18 29	0 40	21 38	0 51	8 6	0 39	4 50	1 48	3 51	2 41	9 47	0 27	4 33	2 6	34 31	11 22	13 55	14 4	12 59		n.a.
S 5	12 3	27 48	4 1	18 34	0 54	21 24	0 53	7 49	0 38	4 53	1 48	3 50	2 41	9 47	0 27	4 33	2 6	34 31	11 22	13 54	14 5	13 2		n.a.
S 6	11 42	25 48	3 7	18 34	1 6	21 10	0 56	7 33	0 37	4 56	1 48	3 49	2 41	9 47	0 27	4 34	2 6	34 31	11 21	13 54	14 6	13 5		n.a.
M 7	11 21	22 15	2 2	18 31	1 17	20 56	0 58	7 16	0 37	4 59	1 48	3 47	2 42	9 46	0 27	4 35	2 6	34 31	11 21	13 54	14 7	13 8		n.a.
T 8	10 59	17 21	0 47	18 23	1 27	20 41	1 0	6 59	0 36	5 2	1 49	3 46	2 42	9 46	0 27	4 35	2 6	34 31	11 21	13 54	14 8	13 11		n.a.
W 9	10 37	11 21	0n33	18 12	1 35	20 25	1 2	6 42	0 36	5 5	1 49	3 45	2 42	9 45	0 27	4 36	2 6	34 31	11 21	13 54	14 9	13 14		n.a.
T 10	10 15	4 39	1 51	17 58	1 42	20 8	1 4	6 25	0 35	5 8	1 49	3 44	2 42	9 45	0 27	4 37	2 6	34 31	11 21	13 54	14 10	13 17		n.a.
F 11	9 53	2n21	3 3	17 40	1 48	19 51	1 6	6 8	0 35	5 11	1 49	3 42	2 42	9 44	0 27	4 37	2 6	34 31	11 21	13 54	14 11	13 20		n.a.
S 12	9 31	9 14	4 3	17 20	1 53	19 33	1 8	5 51	0 34	5 14	1 49	3 41	2 43	9 44	0 27	4 38	2 6	34 31	11 20	13 55	14 12	13 23		n.a.
S 13	9 8	15 35	4 47	16 56	1 57	19 15	1 10	5 33	0 33	5 17	1 49	3 39	2 43	9 43	0 27	4 39	2 6	34 31	11 20	13 55	14 14	13 26		n.a.
M14	8 45	20 57	5 11	16 30	1 59	18 56	1 12	5 16	0 33	5 21	1 49	3 38	2 43	9 43	0 27	4 39	2 6	34 30	11 20	13 56	14 15	13 29		n.a.
T 15	8 23	25 1	5 15	16 2	2 1	18 37	1 13	4 59	0 32	5 24	1 49	3 36	2 43	9 42	0 27	4 40	2 6	34 30	11 20	13 56	14 16	13 32		n.a.
W16	8 0	27 30	5 1	15 32	2 2	18 17	1 15	4 41	0 32	5 27	1 49	3 35	2 43	9 42	0 27	4 41	2 6	34 30	11 20	13 56	14 17	13 35		n.a.
T 17	7 37	28 15	4 30	15 0	2 2	17 56	1 17	4 24	0 31	5 30	1 49	3 33	2 43	9 41	0 27	4 41	2 6	34 30	11 19	13 56	14 18	13 38		n.a.
F 18	7 13	27 20	3 44	14 26	2 1	17 35	1 18	4 6	0 31	5 33	1 49	3 32	2 44	9 40	0 27	4 42	2 6	34 30	11 19	13 56	14 19	13 41		n.a.
S 19	6 50	24 54	2 48	13 50	2 0	17 14	1 20	3 49	0 30	5 37	1 49	3 30	2 44	9 40	0 27	4 43	2 6	34 30	11 19	13 55	14 20	13 43		n.a.
S 20	6 26	21 14	1 45	13 13	1 58	16 51	1 21	3 31	0 29	5 40	1 49	3 29	2 44	9 39	0 27	4 43	2 6	34 30	11 19	13 55	14 21	13 46		n.a.
M21	6 3	16 40	0 37	12 35	1 55	16 29	1 22	3 14	0 29	5 43	1 49	3 27	2 44	9 38	0 27	4 44	2 6	34 29	11 19	13 54	14 22	13 49		n.a.
T 22	5 39	11 28	0s31	11 56	1 52	16 6	1 24	2 56	0 28	5 46	1 49	3 25	2 44	9 38	0 27	4 45	2 6	34 29	11 18	13 54	14 23	13 52		n.a.
W23	5 15	5 54	1 37	11 16	1 49	15 42	1 25	2 38	0 28	5 49	1 49	3 24	2 44	9 37	0 27	4 45	2 6	34 29	11 18	13 55	14 24	13 55		n.a.
T 24	4 51	0 11	2 38	10 35	1 45	15 18	1 26	2 20	0 27	5 53	1 49	3 22	2 44	9 36	0 27	4 46	2 6	34 29	11 18	13 56	14 25	13 58		n.a.
F 25	4 27	5s27	3 30	9 53	1 41	14 54	1 27	2 3	0 26	5 56	1 49	3 20	2 44	9 36	0 27	4 47	2 6	34 29	11 18	13 57	14 26	14 1		n.a.
S 26	4 3	10 52	4 14	9 11	1 36	14 29	1 28	1 45	0 26	5 59	1 49	3 18	2 45	9 35	0 27	4 47	2 6	34 29	11 17	13 58	14 27	14 4		n.a.
S 27	3 39	15 52	4 46	8 28	1 32	14 4	1 29	1 27	0 25	6 2	1 49	3 17	2 45	9 34	0 27	4 48	2 6	34 28	11 17	14 0	14 28	14 7		n.a.
M28	3 15	20 16	5 6	7 45	1 27	13 38	1 29	1 9	0 25	6 6	1 49	3 15	2 45	9 34	0 27	4 49	2 6	34 28	11 17	14 2	14 29	14 10		n.a.
T 29	2 50	23 53	5 12	7 1	1 21	13 12	1 30	0 51	0 24	6 9	1 49	3 13	2 45	9 33	0 27	4 49	2 6	34 28	11 17	14 3	14 30	14 13		n.a.
W30	2n26	26s31	5s 6	6n17	1n16	12n46	1n31	0n33	0n23	6s12	1s49	3n11	2s45	9n32	0s27	4s50	2s 6	34s28	11s17	14s 4	14s31	14s15		n.a.

Julian Day Number = 1203741.5, Delta T = 09h19m54s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'56, Lahiri = -23°30'56 Julian Calendar 1 Sept. 1418 BCE == Greg. Calendar 19 Aug. 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

OCTOBER 1418 BCE (-1417) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 46 8	24♍58'45	17♐ 9	18♍53	2♍ 8	0♎14	18°R35	14°R10	25°R16	22°R46	12°R41	23°R 2	21♒39	25♎28	n.a.	T 1
F 2	23 50 5	25°59'19	29°33	20°31	3°23	0°57	18♓27	14♈ 5	25♈14	22♓44	12♑41	23°D 2	21°36	25°35	n.a.	F 2
S 3	23 54 1	26°59'55	12♑15	22° 8	4°38	1°41	18°19	14° 1	25°12	22°43	12°41	23♒ 3	21°32	25°42	n.a.	S 3
S 4	23 57 58	28° 0'31	25°21	23°46	5°54	2°24	18°11	13°56	25°10	22°41	12°41	23° 4	21°29	25°48	n.a.	S 4
M 5	0 1 54	29° 1'10	8♒53	25°23	7° 9	3° 7	18° 3	13°51	25° 7	22°39	12°41	23° 6	21°26	25°55	n.a.	M 5
T 6	0 5 51	0♎ 1'49	22°54	26°59	8°24	3°51	17°56	13°47	25° 5	22°38	12°41	23°R 6	21°23	26° 2	n.a.	T 6
W 7	0 9 47	1° 2'30	7♓22	28°36	9°39	4°34	17°48	13°42	25° 3	22°36	12°41	23° 6	21°20	26° 9	n.a.	W 7
T 8	0 13 44	2° 3'12	22°13	0♎12	10°54	5°17	17°40	13°37	25° 1	22°34	12°40	23° 3	21°16	26°15	n.a.	T 8
F 9	0 17 40	3° 3'56	7♈20	1°48	12°10	6° 1	17°33	13°32	24°58	22°33	12°40	22°58	21°13	26°22	n.a.	F 9
S 10	0 21 37	4° 4'41	22°34	3°24	13°25	6°44	17°25	13°27	24°56	22°31	12°D40	22°52	21°10	26°29	n.a.	S 10
S 11	0 25 34	5° 5'28	7♉44	4°59	14°40	7°28	17°18	13°22	24°54	22°29	12°40	22°46	21° 7	26°35	n.a.	S 11
M12	0 29 30	6° 6'16	22°40	6°34	15°55	8°12	17°10	13°17	24°51	22°28	12°41	22°39	21° 4	26°42	n.a.	M12
T 13	0 33 27	7° 7'07	7♊14	8° 9	17°11	8°55	17° 3	13°12	24°49	22°26	12°41	22°34	21° 1	26°49	n.a.	T 13
W14	0 37 23	8° 7'59	21°24	9°44	18°26	9°39	16°56	13° 8	24°47	22°24	12°41	22°31	20°57	26°55	n.a.	W14
T 15	0 41 20	9° 8'53	5♋ 6	11°19	19°41	10°23	16°49	13° 3	24°44	22°23	12°41	22°D30	20°54	27° 2	n.a.	T 15
F 16	0 45 16	10° 9'48	18°23	12°53	20°57	11° 7	16°42	12°58	24°42	22°21	12°41	22°30	20°51	27° 9	n.a.	F 16
S 17	0 49 13	11°10'45	1♌18	14°27	22°12	11°51	16°35	12°53	24°39	22°20	12°41	22°31	20°48	27°16	n.a.	S 17
S 18	0 53 10	12°11'43	13°54	16° 1	23°28	12°35	16°29	12°48	24°37	22°18	12°41	22°32	20°45	27°22	n.a.	S 18
M19	0 57 6	13°12'43	26°15	17°36	24°43	13°19	16°22	12°43	24°34	22°17	12°42	22°R32	20°42	27°29	n.a.	M19
T 20	1 1 3	14°13'44	8♍25	19° 9	25°59	14° 3	16°16	12°38	24°32	22°15	12°42	22°31	20°38	27°36	n.a.	T 20
W21	1 4 59	15°14'46	20°28	20°43	27°14	14°47	16° 9	12°33	24°29	22°13	12°42	22°27	20°35	27°42	n.a.	W21
T 22	1 8 56	16°15'50	2♎25	22°17	28°30	15°31	16° 3	12°28	24°27	22°12	12°42	22°20	20°32	27°49	n.a.	T 22
F 23	1 12 52	17°16'55	14°18	23°51	29°45	16°15	15°57	12°23	24°24	22°10	12°43	22°11	20°29	27°56	n.a.	F 23
S 24	1 16 49	18°18'01	26°10	25°24	1♏ 1	17° 0	15°52	12°18	24°22	22° 9	12°43	22° 1	20°26	28° 3	n.a.	S 24
S 25	1 20 45	19°19'08	8♏ 1	26°58	2°16	17°44	15°46	12°13	24°19	22° 7	12°44	21°49	20°22	28° 9	n.a.	S 25
M26	1 24 42	20°20'16	19°54	28°31	3°32	18°28	15°41	12° 8	24°17	22° 6	12°44	21°37	20°19	28°16	n.a.	M26
T 27	1 28 39	21°21'24	1♐49	0♏ 5	4°47	19°13	15°35	12° 3	24°14	22° 5	12°44	21°26	20°16	28°23	n.a.	T 27
W28	1 32 35	22°22'34	13°50	1°38	6° 3	19°57	15°30	11°58	24°12	22° 3	12°45	21°17	20°13	28°29	n.a.	W28
T 29	1 36 32	23°23'44	25°58	3°12	7°18	20°42	15°25	11°53	24° 9	22° 2	12°45	21°11	20°10	28°36	n.a.	T 29
F 30	1 40 28	24°24'55	8♑19	4°45	8°34	21°26	15°20	11°48	24° 7	22° 0	12°46	21° 7	20° 7	28°43	n.a.	F 30
S 31	1 44 25	25♎26'06	20♑55	6♏18	9♎50	22♎11	15♓16	11♈44	24♈ 4	21♓59	12♑46	21°D 6	20♒ 3	28♎50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n 2	27s58	4s45	5n33	1n10	12n19	1n31	0n15	0n23	6s15	1s49	3n 9	2s45	9n31	0s27	4s51	2s 6	34s28	11s16	14s 5	14s32	14s18			n.a.
F 2	1 37	28 3	4 11	4 48	1 4	11 52	1 32	0s 3	0 22	6 18	1 48	3 7	2 45	9 30	0 27	4 51	2 6	34 27	11 16	14 5	14 33	14 21			n.a.
S 3	1 13	26 41	3 24	4 4	0 58	11 24	1 32	0 21	0 22	6 21	1 48	3 6	2 45	9 30	0 27	4 52	2 6	34 27	11 16	14 5	14 34	14 24			n.a.
S 4	0 48	23 50	2 26	3 19	0 52	10 57	1 33	0 39	0 21	6 24	1 48	3 4	2 45	9 29	0 27	4 53	2 6	34 27	11 16	14 4	14 35	14 27			n.a.
M 5	0 24	19 35	1 17	2 34	0 46	10 29	1 33	0 57	0 20	6 27	1 48	3 2	2 45	9 28	0 27	4 54	2 6	34 27	11 15	14 4	14 37	14 30			n.a.
T 6	0s 1	14 9	0 1	1 49	0 40	10 0	1 33	1 15	0 20	6 30	1 48	3 0	2 45	9 27	0 27	4 54	2 6	34 27	11 15	14 3	14 38	14 33			n.a.
W 7	0 25	7 47	1n17	1 5	0 33	9 31	1 33	1 33	0 19	6 33	1 48	2 58	2 45	9 26	0 27	4 55	2 6	34 26	11 15	14 4	14 39	14 36			n.a.
T 8	0 50	0 50	2 31	0 20	0 27	9 3	1 33	1 51	0 18	6 36	1 48	2 56	2 45	9 26	0 27	4 56	2 6	34 26	11 15	14 5	14 40	14 38			n.a.
F 9	1 14	6n16	3 37	0s25	0 20	8 33	1 33	2 9	0 18	6 39	1 48	2 54	2 45	9 25	0 27	4 56	2 6	34 26	11 14	14 6	14 41	14 41			n.a.
S 10	1 39	13 3	4 27	1 10	0 14	8 4	1 33	2 28	0 17	6 42	1 47	2 52	2 45	9 24	0 27	4 57	2 6	34 26	11 14	14 8	14 42	14 44			n.a.
S 11	2 3	19 1	4 58	1 54	0 8	7 34	1 33	2 46	0 17	6 45	1 47	2 50	2 45	9 23	0 27	4 57	2 6	34 25	11 14	14 10	14 43	14 47			n.a.
M12	2 28	23 44	5 9	2 38	0 1	7 4	1 33	3 4	0 16	6 47	1 47	2 48	2 45	9 22	0 27	4 58	2 6	34 25	11 14	14 12	14 44	14 50			n.a.
T 13	2 52	26 49	4 59	3 22	0s 5	6 34	1 33	3 22	0 15	6 50	1 47	2 46	2 45	9 21	0 27	4 59	2 6	34 25	11 14	14 14	14 45	14 53			n.a.
W14	3 17	28 5	4 31	4 6	0 12	6 4	1 32	3 40	0 15	6 53	1 47	2 44	2 45	9 20	0 27	4 59	2 6	34 25	11 13	14 15	14 46	14 55			n.a.
T 15	3 41	27 33	3 48	4 50	0 18	5 33	1 32	3 58	0 14	6 55	1 46	2 42	2 45	9 19	0 27	5 0	2 6	34 24	11 13	14 16	14 47	14 58			n.a.
F 16	4 6	25 27	2 54	5 33	0 25	5 3	1 31	4 16	0 13	6 58	1 46	2 40	2 45	9 19	0 27	5 1	2 6	34 24	11 13	14 16	14 48	15 1			n.a.
S 17	4 30	22 3	1 52	6 16	0 31	4 32	1 31	4 34	0 13	7 0	1 46	2 39	2 45	9 18	0 27	5 1	2 6	34 24	11 13	14 15	14 49	15 4			n.a.
S 18	4 54	17 41	0 46	6 59	0 37	4 1	1 30	4 52	0 12	7 3	1 46	2 37	2 45	9 17	0 27	5 2	2 6	34 24	11 12	14 15	14 50	15 7			n.a.
M19	5 18	12 41	0s20	7 42	0 44	3 30	1 30	5 10	0 12	7 5	1 46	2 35	2 45	9 16	0 27	5 3	2 6	34 23	11 12	14 15	14 51	15 10			n.a.
T 20	5 42	7 15	1 24	8 24	0 50	2 59	1 29	5 28	0 11	7 8	1 45	2 33	2 45	9 15	0 27	5 3	2 6	34 23	11 12	14 15	14 52	15 12			n.a.
W21	6 6	1 38	2 24	9 5	0 56	2 28	1 28	5 46	0 10	7 10	1 45	2 31	2 45	9 14	0 27	5 4	2 6	34 23	11 12	14 16	14 53	15 15			n.a.
T 22	6 30	3s59	3 17	9 47	1 2	1 56	1 27	6 4	0 10	7 12	1 45	2 29	2 45	9 13	0 27	5 4	2 6	34 23	11 11	14 19	14 54	15 18			n.a.
F 23	6 54	9 25	4 1	10 27	1 7	1 25	1 26	6 22	0 9	7 14	1 45	2 27	2 45	9 12	0 27	5 5	2 6	34 22	11 11	14 22	14 55	15 21			n.a.
S 24	7 18	14 31	4 34	11 8	1 13	0 53	1 25	6 40	0 8	7 16	1 44	2 25	2 45	9 11	0 27	5 5	2 6	34 22	11 11	14 25	14 56	15 24			n.a.
S 25	7 41	19 4	4 55	11 47	1 19	0 22	1 24	6 58	0 8	7 18	1 44	2 23	2 45	9 10	0 27	5 6	2 6	34 22	11 11	14 29	14 57	15 26			n.a.
M26	8 5	22 53	5 3	12 27	1 24	0s10	1 23	7 15	0 7	7 20	1 44	2 21	2 45	9 9	0 27	5 7	2 6	34 21	11 10	14 33	14 58	15 29			n.a.
T 27	8 28	25 46	4 59	13 5	1 29	0 41	1 22	7 33	0 6	7 22	1 43	2 20	2 45	9 8	0 27	5 7	2 6	34 21	11 10	14 37	14 59	15 32			n.a.
W28	8 52	27 30	4 41	13 43	1 34	1 13	1 20	7 51	0 6	7 24	1 43	2 18	2 45	9 7	0 27	5 8	2 6	34 21	11 10	14 39	15 0	15 35			n.a.
T 29	9 15	27 58	4 10	14 21	1 39	1 44	1 19	8 9	0 5	7 25	1 43	2 16	2 44	9 6	0 27	5 8	2 6	34 21	11 10	14 42	15 1	15 37			n.a.
F 30	9 38	27 2	3 27	14 57	1 44	2 16	1 18	8 26	0 4	7 27	1 43	2 14	2 44	9 5	0 27	5 9	2 6	34 20	11 9	14 43	15 2	15 40			n.a.
S 31	10s 0	24s44	2s33	15s33	1s48	2s48	1n16	8s44	0n 4	7s28	1s42	2n12	2s44	9n 5	0s27	5s 9	2s 6	34s20	11s 9	14s43	15s 3	15s43			n.a.

Julian Day Number = 1203771.5, Delta T = 09h19m52s
Ecliptic obliquity = 23°51'50, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'52, Lahiri = -23°30'52 Julian Calendar 1 Oct. 1418 BCE == Greg. Calendar 18 Sept. 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

NOVEMBER 1418 BCE (-1417) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 48 21	26♎27'18	3♒52	7♏52	11♎ 5	22♎56	15°R11	11°R39	24°R 1	21°R58	12♑47	21♒ 6	20♒ 0	28♎56	n.a.	S 1
M 2	1 52 18	27°28'30	17°14	9°25	12°21	23°40	15♓ 7	11♈34	23♈59	21♓56	12°48	21°R 6	19°57	29° 3	n.a.	M 2
T 3	1 56 14	28°29'42	1♓ 3	10°58	13°36	24°25	15° 3	11°30	23°56	21°55	12°48	21° 6	19°54	29°10	n.a.	T 3
W 4	2 0 11	29°30'55	15°21	12°31	14°52	25°10	14°59	11°25	23°54	21°54	12°49	21° 4	19°51	29°16	n.a.	W 4
T 5	2 4 8	0♏32'08	0♈ 6	14° 3	16° 7	25°55	14°56	11°20	23°51	21°53	12°50	20°59	19°47	29°23	n.a.	T 5
F 6	2 8 4	1°33'22	15°14	15°35	17°23	26°39	14°52	11°16	23°49	21°51	12°50	20°51	19°44	29°30	n.a.	F 6
S 7	2 12 1	2°34'36	0♉34	17° 7	18°38	27°24	14°49	11°11	23°46	21°50	12°51	20°41	19°41	29°37	n.a.	S 7
S 8	2 15 57	3°35'50	15°56	18°39	19°54	28° 9	14°46	11° 7	23°44	21°49	12°52	20°30	19°38	29°43	n.a.	S 8
M 9	2 19 54	4°37'06	1♊ 8	20°10	21°10	28°54	14°43	11° 3	23°41	21°48	12°53	20°19	19°35	29°50	n.a.	M 9
T 10	2 23 50	5°38'21	15°59	21°40	22°25	29°39	14°40	10°58	23°39	21°47	12°53	20°10	19°32	29°57	n.a.	T 10
W11	2 27 47	6°39'38	0♋23	23°10	23°41	0♏24	14°38	10°54	23°36	21°46	12°54	20° 3	19°28	0♏ 3	n.a.	W11
T 12	2 31 44	7°40'55	14°17	24°39	24°56	1°10	14°36	10°50	23°34	21°44	12°55	19°59	19°25	0°10	n.a.	T 12
F 13	2 35 40	8°42'12	27°40	26° 6	26°12	1°55	14°34	10°46	23°31	21°43	12°56	19°57	19°22	0°17	n.a.	F 13
S 14	2 39 37	9°43'30	10♌37	27°32	27°27	2°40	14°32	10°42	23°29	21°42	12°57	19°D56	19°19	0°24	n.a.	S 14
S 15	2 43 33	10°44'48	23°11	28°56	28°43	3°25	14°30	10°38	23°27	21°41	12°58	19°R56	19°16	0°30	n.a.	S 15
M16	2 47 30	11°46'07	5♍28	0♐19	29°58	4°11	14°29	10°34	23°24	21°40	12°59	19°55	19°13	0°37	n.a.	M16
T 17	2 51 26	12°47'26	17°32	1°39	1♏14	4°56	14°27	10°30	23°22	21°39	13° 0	19°53	19° 9	0°44	n.a.	T 17
W18	2 55 23	13°48'45	29°27	2°56	2°30	5°41	14°26	10°26	23°19	21°39	13° 1	19°47	19° 6	0°51	n.a.	W18
T 19	2 59 19	14°50'05	11♎19	4° 9	3°45	6°27	14°26	10°23	23°17	21°38	13° 2	19°38	19° 3	0°57	n.a.	T 19
F 20	3 3 16	15°51'25	23° 9	5°19	5° 1	7°12	14°25	10°19	23°15	21°37	13° 3	19°27	19° 0	1° 4	n.a.	F 20
S 21	3 7 13	16°52'45	5♏ 0	6°25	6°16	7°58	14°25	10°16	23°13	21°36	13° 4	19°13	18°57	1°11	n.a.	S 21
S 22	3 11 9	17°54'04	16°54	7°25	7°32	8°43	14°D24	10°12	23°10	21°35	13° 5	18°58	18°53	1°17	n.a.	S 22
M23	3 15 6	18°55'24	28°52	8°19	8°47	9°29	14°24	10° 9	23° 8	21°34	13° 6	18°42	18°50	1°24	n.a.	M23
T 24	3 19 2	19°56'44	10♐55	9° 6	10° 3	10°15	14°25	10° 6	23° 6	21°34	13° 7	18°28	18°47	1°31	n.a.	T 24
W25	3 22 59	20°58'03	23° 3	9°45	11°18	11° 0	14°25	10° 3	23° 4	21°33	13° 8	18°16	18°44	1°38	n.a.	W25
T 26	3 26 55	21°59'22	5♑20	10°16	12°34	11°46	14°26	9°59	23° 2	21°32	13° 9	18° 7	18°41	1°44	n.a.	T 26
F 27	3 30 52	23° 0'40	17°46	10°37	13°49	12°32	14°27	9°57	22°59	21°32	13°10	18° 1	18°38	1°51	n.a.	F 27
S 28	3 34 49	24° 1'58	0♒25	10°R48	15° 5	13°18	14°28	9°54	22°57	21°31	13°12	17°58	18°34	1°58	n.a.	S 28
S 29	3 38 45	25° 3'15	13°20	10°48	16°20	14° 3	14°29	9°51	22°55	21°31	13°13	17°57	18°31	2° 4	n.a.	S 29
M30	3 42 42	26♏ 4'31	26♒35	10♐36	17♏36	14♏49	14♓30	9♈48	22♈53	21♓30	13♑14	17♒57	18♒28	2♏11	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s23	21s 5	1s30	16s 8	1s52	3s19	1n15	9s 1	0n 3	7s30	1s42	2n11	2s44	9n 4	0s27	5s10	2s 6	34s20	11s 9	14s43	15s 4	15s46		n.a.
M 2	10 45	16 16	0 21	16 42	1 56	3 50	1 13	9 19	0 2	7 31	1 42	2 9	2 44	9 3	0 27	5 10	2 6	34 19	11 9	14 43	15 5	15 48		n.a.
T 3	11 8	10 28	0n53	17 16	1 59	4 22	1 12	9 36	0 2	7 33	1 41	2 7	2 44	9 2	0 27	5 11	2 6	34 19	11 9	14 43	15 6	15 51		n.a.
W 4	11 30	3 57	2 5	17 48	2 2	4 53	1 10	9 53	0 1	7 34	1 41	2 5	2 44	9 1	0 27	5 11	2 6	34 19	11 8	14 44	15 7	15 54		n.a.
T 5	11 52	2n57	3 11	18 20	2 5	5 24	1 9	10 11	0 0	7 35	1 41	2 4	2 44	9 0	0 27	5 12	2 6	34 19	11 8	14 45	15 8	15 57		n.a.
F 6	12 13	9 52	4 6	18 50	2 8	5 55	1 7	10 28	0s 0	7 36	1 40	2 2	2 43	8 59	0 27	5 12	2 5	34 18	11 8	14 48	15 9	15 59		n.a.
S 7	12 35	16 16	4 43	19 19	2 10	6 26	1 5	10 45	0 1	7 37	1 40	2 0	2 43	8 58	0 27	5 13	2 5	34 18	11 8	14 51	15 10	16 2		n.a.
S 8	12 56	21 40	5 0	19 47	2 12	6 57	1 3	11 2	0 2	7 38	1 40	1 59	2 43	8 57	0 27	5 13	2 5	34 18	11 7	14 55	15 11	16 5		n.a.
M 9	13 17	25 34	4 56	20 14	2 13	7 27	1 1	11 19	0 2	7 39	1 39	1 57	2 43	8 56	0 27	5 13	2 5	34 17	11 7	14 58	15 12	16 8		n.a.
T 10	13 38	27 37	4 32	20 39	2 14	7 57	0 59	11 36	0 3	7 39	1 39	1 56	2 43	8 55	0 27	5 14	2 5	34 17	11 7	15 1	15 13	16 10		n.a.
W11	13 59	27 42	3 50	21 3	2 14	8 28	0 58	11 52	0 4	7 40	1 39	1 54	2 42	8 54	0 27	5 14	2 5	34 17	11 7	15 3	15 14	16 13		n.a.
T 12	14 19	26 1	2 57	21 25	2 14	8 58	0 56	12 9	0 4	7 41	1 38	1 53	2 42	8 53	0 27	5 15	2 5	34 16	11 7	15 5	15 15	16 16		n.a.
F 13	14 39	22 52	1 55	21 46	2 13	9 27	0 54	12 26	0 5	7 41	1 38	1 51	2 42	8 52	0 27	5 15	2 5	34 16	11 6	15 5	15 16	16 19		n.a.
S 14	14 59	18 40	0 49	22 5	2 11	9 57	0 52	12 42	0 6	7 42	1 38	1 50	2 42	8 52	0 27	5 15	2 5	34 16	11 6	15 6	15 18	16 21		n.a.
S 15	15 19	13 46	0s17	22 22	2 9	10 26	0 49	12 58	0 6	7 42	1 37	1 48	2 42	8 51	0 27	5 16	2 5	34 16	11 6	15 6	15 19	16 24		n.a.
M16	15 38	8 25	1 21	22 37	2 6	10 55	0 47	13 15	0 7	7 42	1 37	1 47	2 41	8 50	0 27	5 16	2 5	34 15	11 6	15 6	15 20	16 27		n.a.
T 17	15 57	2 52	2 20	22 50	2 2	11 24	0 45	13 31	0 8	7 42	1 37	1 46	2 41	8 49	0 27	5 16	2 5	34 15	11 6	15 7	15 21	16 29		n.a.
W18	16 16	2s43	3 12	23 1	1 57	11 53	0 43	13 47	0 8	7 42	1 36	1 45	2 41	8 48	0 27	5 17	2 5	34 15	11 5	15 9	15 22	16 32		n.a.
T 19	16 34	8 9	3 56	23 10	1 51	12 21	0 41	14 3	0 9	7 42	1 36	1 43	2 41	8 47	0 27	5 17	2 5	34 14	11 5	15 11	15 23	16 35		n.a.
F 20	16 53	13 18	4 29	23 17	1 44	12 49	0 39	14 19	0 10	7 42	1 36	1 42	2 41	8 46	0 27	5 17	2 5	34 14	11 5	15 15	15 24	16 37		n.a.
S 21	17 10	17 57	4 50	23 21	1 37	13 17	0 36	14 34	0 10	7 42	1 35	1 41	2 40	8 46	0 27	5 17	2 5	34 14	11 5	15 19	15 25	16 40		n.a.
S 22	17 28	21 56	4 59	23 22	1 28	13 44	0 34	14 50	0 11	7 42	1 35	1 40	2 40	8 45	0 27	5 18	2 5	34 13	11 5	15 24	15 26	16 43		n.a.
M23	17 45	25 2	4 54	23 21	1 18	14 11	0 32	15 6	0 12	7 42	1 35	1 39	2 40	8 44	0 27	5 18	2 5	34 13	11 4	15 29	15 27	16 45		n.a.
T 24	18 2	27 2	4 37	23 18	1 6	14 37	0 30	15 21	0 12	7 41	1 34	1 38	2 40	8 43	0 27	5 18	2 5	34 13	11 4	15 34	15 28	16 48		n.a.
W25	18 19	27 47	4 6	23 11	0 54	15 3	0 27	15 36	0 13	7 41	1 34	1 37	2 39	8 42	0 27	5 18	2 4	34 13	11 4	15 37	15 29	16 51		n.a.
T 26	18 35	27 9	3 24	23 2	0 40	15 29	0 25	15 51	0 14	7 40	1 34	1 36	2 39	8 41	0 27	5 19	2 4	34 12	11 4	15 40	15 30	16 53		n.a.
F 27	18 51	25 10	2 32	22 50	0 25	15 54	0 23	16 6	0 14	7 39	1 33	1 35	2 39	8 41	0 27	5 19	2 4	34 12	11 4	15 42	15 31	16 56		n.a.
S 28	19 7	21 54	1 31	22 36	0 8	16 19	0 20	16 21	0 15	7 39	1 33	1 34	2 39	8 40	0 27	5 19	2 4	34 12	11 4	15 43	15 32	16 59		n.a.
S 29	19 22	17 30	0 24	22 18	0n 9	16 44	0 18	16 35	0 16	7 38	1 33	1 33	2 38	8 39	0 27	5 19	2 4	34 11	11 3	15 43	15 33	17 1		n.a.
M30	19s37	12s10	0n45	21s59	0n28	17s 8	0n16	16s50	0s17	7s37	1s32	1n32	2s38	8n38	0s27	5s19	2s 4	34s11	11s 3	15s43	15s34	17s 4		n.a.

Julian Day Number = 1203802.5, Delta T = 09h19m51s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'48, Lahiri = -23°30'48 Julian Calendar 1 Nov. 1418 BCE == Greg. Calendar 19 Oct. 1418 BCE

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ASTRODIENST EPHEMERIS for the year 1418 BCE
geocentric

DECEMBER 1418 BCE (-1417) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 46 38	27♏ 5'47	10♓12	10°R12	18♏51	15♏35	14♓32	9°R46	22°R51	21°R30	13♑15	17°R57	18♒25	2♏18	n.a.	T 1
W 2	3 50 35	28° 7'02	24°15	9♐37	20° 7	16°21	14°34	9♈43	22♈49	21♓29	13°16	17♒55	18°22	2°25	n.a.	W 2
T 3	3 54 31	29° 8'15	8♈43	8°50	21°22	17° 7	14°36	9°41	22°47	21°29	13°18	17°50	18°19	2°31	n.a.	T 3
F 4	3 58 28	0♐ 9'29	23°33	7°54	22°37	17°53	14°38	9°39	22°46	21°28	13°19	17°43	18°15	2°38	n.a.	F 4
S 5	4 2 24	1°10'41	8♉39	6°48	23°53	18°39	14°41	9°37	22°44	21°28	13°20	17°33	18°12	2°45	n.a.	S 5
S 6	4 6 21	2°11'52	23°52	5°36	25° 8	19°25	14°44	9°34	22°42	21°28	13°22	17°22	18° 9	2°51	n.a.	S 6
M 7	4 10 18	3°13'03	9♊ 1	4°20	26°23	20°11	14°46	9°33	22°40	21°27	13°23	17°10	18° 6	2°58	n.a.	M 7
T 8	4 14 14	4°14'14	23°55	3° 2	27°39	20°57	14°50	9°31	22°38	21°27	13°24	17° 0	18° 3	3° 5	n.a.	T 8
W 9	4 18 11	5°15'23	8♋26	1°44	28°54	21°43	14°53	9°29	22°37	21°27	13°26	16°53	17°59	3°12	n.a.	W 9
T 10	4 22 7	6°16'32	22°28	0°29	0♐10	22°30	14°56	9°27	22°35	21°27	13°27	16°48	17°56	3°18	n.a.	T 10
F 11	4 26 4	7°17'40	6♌ 1	29♏18	1°25	23°16	15° 0	9°26	22°33	21°26	13°29	16°45	17°53	3°25	n.a.	F 11
S 12	4 30 0	8°18'48	19° 6	28°15	2°40	24° 2	15° 4	9°25	22°32	21°26	13°30	16°D45	17°50	3°32	n.a.	S 12
S 13	4 33 57	9°19'55	1♍46	27°19	3°56	24°48	15° 8	9°23	22°30	21°26	13°32	16°45	17°47	3°38	n.a.	S 13
M14	4 37 54	10°21'01	14° 5	26°31	5°11	25°35	15°12	9°22	22°29	21°26	13°33	16°R46	17°44	3°45	n.a.	M14
T 15	4 41 50	11°22'06	26°10	25°53	6°26	26°21	15°16	9°21	22°27	21°D26	13°34	16°44	17°40	3°52	n.a.	T 15
W16	4 45 47	12°23'11	8♎ 6	25°23	7°41	27° 7	15°21	9°20	22°26	21°26	13°36	16°41	17°37	3°59	n.a.	W16
T 17	4 49 43	13°24'15	19°56	25° 3	8°57	27°54	15°26	9°19	22°25	21°26	13°37	16°35	17°34	4° 5	n.a.	T 17
F 18	4 53 40	14°25'18	1♏46	24°51	10°12	28°40	15°31	9°19	22°23	21°26	13°39	16°26	17°31	4°12	n.a.	F 18
S 19	4 57 36	15°26'20	13°39	24°D48	11°27	29°26	15°36	9°18	22°22	21°26	13°40	16°16	17°28	4°19	n.a.	S 19
S 20	5 1 33	16°27'21	25°37	24°53	12°42	0♐13	15°41	9°18	22°21	21°27	13°42	16° 4	17°25	4°26	n.a.	S 20
M21	5 5 29	17°28'21	7♐42	25° 4	13°58	0°59	15°47	9°17	22°20	21°27	13°44	15°52	17°21	4°32	n.a.	M21
T 22	5 9 26	18°29'20	19°55	25°23	15°13	1°46	15°52	9°17	22°19	21°27	13°45	15°40	17°18	4°39	n.a.	T 22
W23	5 13 23	19°30'17	2♑17	25°48	16°28	2°32	15°58	9°17	22°17	21°27	13°47	15°31	17°15	4°46	n.a.	W23
T 24	5 17 19	20°31'13	14°48	26°18	17°43	3°19	16° 4	9°D17	22°16	21°27	13°48	15°24	17°12	4°52	n.a.	T 24
F 25	5 21 16	21°32'08	27°30	26°54	18°58	4° 6	16°10	9°17	22°15	21°28	13°50	15°20	17° 9	4°59	n.a.	F 25
S 26	5 25 12	22°33'01	10♒23	27°34	20°14	4°52	16°17	9°17	22°15	21°28	13°51	15°D18	17° 5	5° 6	n.a.	S 26
S 27	5 29 9	23°33'52	23°28	28°18	21°29	5°39	16°23	9°18	22°14	21°29	13°53	15°18	17° 2	5°13	n.a.	S 27
M28	5 33 5	24°34'42	6♓48	29° 7	22°44	6°25	16°30	9°18	22°13	21°29	13°55	15°20	16°59	5°19	n.a.	M28
T 29	5 37 2	25°35'30	20°25	29°59	23°59	7°12	16°37	9°19	22°12	21°29	13°56	15°R20	16°56	5°26	n.a.	T 29
W30	5 40 59	26°36'16	4♈19	0♐54	25°14	7°59	16°44	9°19	22°11	21°30	13°58	15°20	16°53	5°33	n.a.	W30
T 31	5 44 55	27♐37'00	18♈32	1♐53	26♐29	8♐45	16♓51	9♈20	22♈11	21♓31	14♑ 0	15♒18	16♒50	5♏39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19s51	6s 7	1n55	21s36	0n47	17s32	0n13	17s 4	0s17	7s36	1s32	1n31	2s38	8n38	0s27	5s20	2s 4	34s11	11s 3	15s43	15s35	17s 6			n.a.
W 2	20 5	0n25	2 59	21 11	1 7	17 55	0 11	17 18	0 18	7 35	1 31	1 31	2 37	8 37	0 27	5 20	2 4	34 11	11 3	15 44	15 36	17 9			n.a.
T 3	20 19	7 5	3 54	20 45	1 26	18 17	0 8	17 32	0 19	7 34	1 31	1 30	2 37	8 36	0 27	5 20	2 4	34 10	11 3	15 45	15 37	17 12			n.a.
F 4	20 33	13 32	4 35	20 16	1 46	18 39	0 6	17 46	0 19	7 33	1 31	1 29	2 37	8 36	0 27	5 20	2 4	34 10	11 3	15 48	15 38	17 14			n.a.
S 5	20 46	19 19	4 57	19 47	2 5	19 1	0 4	18 0	0 20	7 31	1 30	1 29	2 37	8 35	0 27	5 20	2 4	34 10	11 3	15 51	15 39	17 17			n.a.
S 6	20 58	23 53	4 59	19 17	2 22	19 22	0 1	18 13	0 21	7 30	1 30	1 28	2 36	8 34	0 27	5 20	2 4	34 9	11 2	15 54	15 40	17 20			n.a.
M 7	21 10	26 47	4 39	18 48	2 38	19 43	0s 1	18 27	0 21	7 28	1 30	1 28	2 36	8 34	0 27	5 20	2 4	34 9	11 2	15 58	15 41	17 22			n.a.
T 8	21 22	27 44	4 1	18 19	2 52	20 3	0 4	18 40	0 22	7 27	1 29	1 27	2 36	8 33	0 27	5 20	2 4	34 9	11 2	16 1	15 42	17 25			n.a.
W 9	21 33	26 43	3 8	17 52	3 4	20 22	0 6	18 53	0 23	7 25	1 29	1 27	2 35	8 32	0 26	5 20	2 4	34 9	11 2	16 3	15 43	17 27			n.a.
T 10	21 44	24 0	2 5	17 27	3 14	20 41	0 8	19 6	0 23	7 24	1 29	1 26	2 35	8 32	0 26	5 20	2 3	34 8	11 2	16 5	15 44	17 30			n.a.
F 11	21 55	20 1	0 57	17 6	3 21	20 59	0 11	19 18	0 24	7 22	1 28	1 26	2 35	8 31	0 26	5 20	2 3	34 8	11 2	16 5	15 45	17 32			n.a.
S 12	22 5	15 10	0s12	16 47	3 25	21 17	0 13	19 31	0 25	7 20	1 28	1 26	2 35	8 31	0 26	5 20	2 3	34 8	11 2	16 6	15 46	17 35			n.a.
S 13	22 14	9 49	1 19	16 32	3 28	21 34	0 15	19 43	0 25	7 18	1 28	1 26	2 34	8 30	0 26	5 20	2 3	34 7	11 2	16 5	15 46	17 38			n.a.
M14	22 24	4 13	2 20	16 21	3 28	21 50	0 18	19 55	0 26	7 16	1 27	1 25	2 34	8 30	0 26	5 20	2 3	34 7	11 1	16 5	15 47	17 40			n.a.
T 15	22 32	1s24	3 13	16 13	3 27	22 6	0 20	20 7	0 27	7 14	1 27	1 25	2 34	8 29	0 26	5 20	2 3	34 7	11 1	16 6	15 48	17 43			n.a.
W16	22 41	6 54	3 58	16 9	3 24	22 21	0 22	20 18	0 27	7 12	1 27	1 25	2 33	8 28	0 26	5 20	2 3	34 7	11 1	16 7	15 49	17 45			n.a.
T 17	22 49	12 6	4 31	16 9	3 19	22 35	0 25	20 30	0 28	7 10	1 26	1 25	2 33	8 28	0 26	5 20	2 3	34 6	11 1	16 9	15 50	17 48			n.a.
F 18	22 56	16 52	4 53	16 11	3 14	22 49	0 27	20 41	0 29	7 8	1 26	1 25	2 33	8 28	0 26	5 20	2 3	34 6	11 1	16 11	15 51	17 50			n.a.
S 19	23 3	21 1	5 3	16 17	3 7	23 2	0 29	20 52	0 29	7 5	1 26	1 25	2 32	8 27	0 26	5 20	2 3	34 6	11 1	16 15	15 52	17 53			n.a.
S 20	23 10	24 20	4 59	16 25	2 59	23 14	0 31	21 3	0 30	7 3	1 25	1 25	2 32	8 27	0 26	5 20	2 3	34 6	11 1	16 18	15 53	17 55			n.a.
M21	23 16	26 37	4 42	16 36	2 51	23 26	0 33	21 13	0 31	7 0	1 25	1 26	2 32	8 26	0 26	5 19	2 3	34 5	11 1	16 22	15 54	17 58			n.a.
T 22	23 21	27 39	4 11	16 49	2 42	23 37	0 36	21 23	0 31	6 58	1 25	1 26	2 31	8 26	0 26	5 19	2 3	34 5	11 1	16 25	15 55	18 1			n.a.
W23	23 26	27 20	3 29	17 4	2 33	23 47	0 38	21 34	0 32	6 55	1 24	1 26	2 31	8 25	0 26	5 19	2 3	34 5	11 1	16 28	15 56	18 3			n.a.
T 24	23 31	25 36	2 36	17 20	2 24	23 57	0 40	21 43	0 33	6 53	1 24	1 26	2 31	8 25	0 26	5 19	2 3	34 5	11 1	16 30	15 57	18 6			n.a.
F 25	23 35	22 34	1 34	17 38	2 14	24 5	0 42	21 53	0 33	6 50	1 24	1 27	2 30	8 25	0 26	5 19	2 2	34 4	11 1	16 31	15 58	18 8			n.a.
S 26	23 39	18 22	0 26	17 57	2 5	24 13	0 44	22 2	0 34	6 47	1 23	1 27	2 30	8 24	0 26	5 19	2 2	34 4	11 0	16 32	15 59	18 11			n.a.
S 27	23 42	13 15	0n44	18 16	1 55	24 21	0 46	22 12	0 35	6 44	1 23	1 27	2 30	8 24	0 26	5 18	2 2	34 4	11 0	16 32	16 0	18 13			n.a.
M28	23 45	7 25	1 53	18 37	1 45	24 27	0 48	22 21	0 35	6 41	1 23	1 28	2 30	8 24	0 26	5 18	2 2	34 4	11 0	16 32	16 1	18 16			n.a.
T 29	23 47	1 9	2 57	18 58	1 35	24 33	0 50	22 29	0 36	6 38	1 23	1 28	2 29	8 24	0 26	5 18	2 2	34 3	11 0	16 31	16 2	18 18			n.a.
W30	23 49	5n18	3 53	19 19	1 25	24 38	0 52	22 38	0 37	6 35	1 22	1 29	2 29	8 23	0 26	5 18	2 2	34 3	11 0	16 31	16 3	18 21			n.a.
T 31	23s50	11n37	4n35	19s41	1n15	24s42	0s53	22s46	0s37	6s32	1s22	1n30	2s29	8n23	0s26	5s17	2s 2	34s 3	11s 0	16s32	16s 4	18s23			n.a.

Julian Day Number = 1203832.5, Delta T = 09h19m49s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'44, Lahiri = -23°30'44 Julian Calendar 1 Dec. 1418 BCE == Greg. Calendar 18 Nov. 1418 BCE

The year -1417 astronomical counting style corresponds to year 1418 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

JANUARY 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 48 52	28♐37'43	3♉ 0	2♐54	27♐44	9♐32	16♓58	9♈21	22°R10	21♓31	14♑ 1	15°R14	16♒46	5♏46	n.a.	F 1
S 2	5 52 48	29°38'23	17°42	3°57	28°59	10°19	17° 6	9°22	22♈ 9	21°32	14° 3	15♒ 8	16°43	5°53	n.a.	S 2
S 3	5 56 45	0♑39'02	2♊29	5° 3	0♑14	11° 5	17°13	9°23	22° 9	21°32	14° 4	15° 2	16°40	6° 0	n.a.	S 3
M 4	6 0 41	1°39'39	17°16	6°11	1°29	11°52	17°21	9°24	22° 9	21°33	14° 6	14°54	16°37	6° 6	n.a.	M 4
T 5	6 4 38	2°40'15	1♋54	7°21	2°44	12°39	17°29	9°26	22° 8	21°34	14° 8	14°48	16°34	6°13	n.a.	T 5
W 6	6 8 34	3°40'48	16°14	8°33	3°59	13°26	17°37	9°27	22° 8	21°34	14° 9	14°43	16°31	6°20	n.a.	W 6
T 7	6 12 31	4°41'20	0♌13	9°47	5°14	14°12	17°45	9°29	22° 7	21°35	14°11	14°40	16°27	6°27	n.a.	T 7
F 8	6 16 28	5°41'51	13°47	11° 3	6°29	14°59	17°53	9°31	22° 7	21°36	14°13	14°D39	16°24	6°33	n.a.	F 8
S 9	6 20 24	6°42'20	26°56	12°20	7°44	15°46	18° 2	9°32	22° 7	21°37	14°15	14°40	16°21	6°40	n.a.	S 9
S 10	6 24 21	7°42'47	9♍41	13°38	8°59	16°33	18°10	9°34	22° 7	21°38	14°16	14°42	16°18	6°47	n.a.	S 10
M11	6 28 17	8°43'12	22° 7	14°58	10°14	17°20	18°19	9°36	22° 7	21°39	14°18	14°43	16°15	6°53	n.a.	M11
T 12	6 32 14	9°43'36	4♎16	16°19	11°29	18° 7	18°28	9°39	22°D 7	21°40	14°20	14°R44	16°11	7° 0	n.a.	T 12
W13	6 36 10	10°43'59	16°15	17°42	12°44	18°53	18°37	9°41	22° 7	21°41	14°21	14°44	16° 8	7° 7	n.a.	W13
T 14	6 40 7	11°44'19	28° 7	19° 6	13°59	19°40	18°46	9°43	22° 7	21°42	14°23	14°43	16° 5	7°14	n.a.	T 14
F 15	6 44 3	12°44'39	9♏59	20°31	15°14	20°27	18°55	9°46	22° 7	21°43	14°25	14°40	16° 2	7°20	n.a.	F 15
S 16	6 48 0	13°44'56	21°54	21°57	16°28	21°14	19° 5	9°48	22° 7	21°44	14°26	14°36	15°59	7°27	n.a.	S 16
S 17	6 51 57	14°45'12	3♐55	23°24	17°43	22° 1	19°14	9°51	22° 7	21°45	14°28	14°31	15°56	7°34	n.a.	S 17
M18	6 55 53	15°45'26	16° 6	24°53	18°58	22°48	19°24	9°54	22° 8	21°46	14°30	14°25	15°52	7°41	n.a.	M18
T 19	6 59 50	16°45'38	28°29	26°22	20°13	23°35	19°34	9°57	22° 8	21°47	14°31	14°20	15°49	7°47	n.a.	T 19
W20	7 3 46	17°45'49	11♑ 5	27°53	21°28	24°22	19°44	10° 0	22° 8	21°48	14°33	14°16	15°46	7°54	n.a.	W20
T 21	7 7 43	18°45'57	23°55	29°25	22°43	25° 9	19°54	10° 3	22° 9	21°49	14°35	14°14	15°43	8° 1	n.a.	T 21
F 22	7 11 39	19°46'04	6♒58	0♑58	23°57	25°55	20° 4	10° 6	22° 9	21°51	14°37	14°12	15°40	8° 7	n.a.	F 22
S 23	7 15 36	20°46'08	20°13	2°32	25°12	26°42	20°14	10° 9	22°10	21°52	14°38	14°D12	15°37	8°14	n.a.	S 23
S 24	7 19 32	21°46'10	3♓41	4° 7	26°27	27°29	20°24	10°13	22°10	21°53	14°40	14°13	15°33	8°21	n.a.	S 24
M25	7 23 29	22°46'09	17°20	5°43	27°41	28°16	20°35	10°16	22°11	21°54	14°42	14°14	15°30	8°28	n.a.	M25
T 26	7 27 26	23°46'07	1♈10	7°20	28°56	29° 3	20°45	10°20	22°12	21°56	14°43	14°16	15°27	8°34	n.a.	T 26
W27	7 31 22	24°46'02	15°10	8°59	0♒11	29°50	20°56	10°24	22°12	21°57	14°45	14°17	15°24	8°41	n.a.	W27
T 28	7 35 19	25°45'54	29°18	10°38	1°25	0♑37	21° 6	10°27	22°13	21°59	14°47	14°R17	15°21	8°48	n.a.	T 28
F 29	7 39 15	26°45'44	13♉33	12°19	2°40	1°24	21°17	10°31	22°14	22° 0	14°48	14°16	15°17	8°54	n.a.	F 29
S 30	7 43 12	27°45'32	27°52	14° 1	3°55	2°11	21°28	10°35	22°15	22° 2	14°50	14°15	15°14	9° 1	n.a.	S 30
S 31	7 47 8	28♑45'18	12♊12	15♑44	5♒ 9	2♑58	21♓39	10♈39	22♈16	22♓ 3	14♑52	14♒13	15♒11	9♏ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s51	17n26	5n 1	20s 3	1n 5	24s46	0s55	22s54	0s38	6s29	1s22	1n30	2s28	8n23	0s26	5s17	2s 2	34s 3	11s 0	16s33	16s 5	18s26		n.a.	
S 2	23 52	22 19	5 7	20 24	0 56	24 49	0 57	23 1	0 38	6 26	1 21	1 31	2 28	8 23	0 26	5 17	2 2	34 2	11 0	16 35	16 6	18 28		n.a.	
S 3	23 52	25 49	4 54	20 46	0 46	24 51	0 59	23 9	0 39	6 22	1 21	1 32	2 28	8 23	0 26	5 16	2 2	34 2	11 0	16 37	16 7	18 30		n.a.	
M 4	23 51	27 34	4 21	21 7	0 37	24 52	1 0	23 16	0 40	6 19	1 21	1 33	2 27	8 22	0 26	5 16	2 2	34 2	11 0	16 39	16 8	18 33		n.a.	
T 5	23 50	27 21	3 30	21 28	0 28	24 52	1 2	23 23	0 40	6 16	1 20	1 33	2 27	8 22	0 26	5 16	2 2	34 2	11 0	16 41	16 9	18 35		n.a.	
W 6	23 49	25 18	2 28	21 49	0 18	24 52	1 4	23 30	0 41	6 12	1 20	1 34	2 27	8 22	0 26	5 15	2 2	34 2	11 0	16 42	16 10	18 38		n.a.	
T 7	23 47	21 43	1 18	22 9	0 10	24 51	1 5	23 36	0 42	6 9	1 20	1 35	2 26	8 22	0 26	5 15	2 2	34 1	11 0	16 43	16 11	18 40		n.a.	
F 8	23 44	17 3	0 5	22 29	0 1	24 49	1 7	23 42	0 42	6 5	1 20	1 36	2 26	8 22	0 26	5 15	2 2	34 1	11 0	16 43	16 12	18 43		n.a.	
S 9	23 41	11 43	1s 6	22 48	0s 7	24 46	1 8	23 48	0 43	6 1	1 19	1 37	2 26	8 22	0 26	5 14	2 1	34 1	11 0	16 43	16 13	18 45		n.a.	
S 10	23 38	6 2	2 12	23 6	0 16	24 43	1 10	23 53	0 44	5 58	1 19	1 38	2 25	8 22	0 26	5 14	2 1	34 1	11 0	16 43	16 14	18 48		n.a.	
M11	23 34	0 17	3 10	23 23	0 24	24 38	1 11	23 59	0 44	5 54	1 19	1 39	2 25	8 22	0 26	5 13	2 1	34 1	11 0	16 42	16 15	18 50		n.a.	
T 12	23 30	5s21	3 58	23 40	0 31	24 33	1 12	24 4	0 45	5 50	1 18	1 40	2 25	8 22	0 26	5 13	2 1	34 1	11 0	16 42	16 16	18 52		n.a.	
W13	23 25	10 42	4 34	23 56	0 39	24 28	1 13	24 9	0 45	5 46	1 18	1 42	2 24	8 22	0 25	5 12	2 1	34 0	11 0	16 42	16 17	18 55		n.a.	
T 14	23 20	15 38	4 59	24 10	0 46	24 21	1 15	24 13	0 46	5 43	1 18	1 43	2 24	8 22	0 25	5 12	2 1	34 0	11 0	16 42	16 18	18 57		n.a.	
F 15	23 14	19 58	5 11	24 24	0 53	24 14	1 16	24 17	0 47	5 39	1 18	1 44	2 24	8 22	0 25	5 12	2 1	34 0	11 0	16 43	16 19	19 0		n.a.	
S 16	23 8	23 32	5 9	24 36	1 0	24 6	1 17	24 21	0 47	5 35	1 17	1 45	2 23	8 22	0 25	5 11	2 1	34 0	11 0	16 45	16 20	19 2		n.a.	
S 17	23 2	26 7	4 54	24 48	1 6	23 57	1 18	24 25	0 48	5 31	1 17	1 47	2 23	8 22	0 25	5 11	2 1	34 0	11 0	16 46	16 21	19 5		n.a.	
M18	22 55	27 32	4 26	24 58	1 12	23 48	1 19	24 28	0 48	5 27	1 17	1 48	2 23	8 22	0 25	5 10	2 1	34 0	11 0	16 48	16 22	19 7		n.a.	
T 19	22 47	27 36	3 45	25 7	1 18	23 37	1 20	24 31	0 49	5 22	1 17	1 50	2 23	8 23	0 25	5 10	2 1	33 59	11 0	16 49	16 23	19 9		n.a.	
W20	22 40	26 14	2 52	25 14	1 24	23 27	1 21	24 34	0 50	5 18	1 16	1 51	2 22	8 23	0 25	5 9	2 1	33 59	11 1	16 50	16 24	19 12		n.a.	
T 21	22 31	23 30	1 49	25 20	1 29	23 15	1 21	24 36	0 50	5 14	1 16	1 53	2 22	8 23	0 25	5 8	2 1	33 59	11 1	16 51	16 24	19 14		n.a.	
F 22	22 23	19 30	0 40	25 25	1 34	23 3	1 22	24 39	0 51	5 10	1 16	1 54	2 22	8 23	0 25	5 8	2 1	33 59	11 1	16 52	16 25	19 16		n.a.	
S 23	22 14	14 29	0n33	25 29	1 38	22 50	1 23	24 41	0 51	5 6	1 16	1 56	2 21	8 23	0 25	5 7	2 1	33 59	11 1	16 52	16 26	19 19		n.a.	
S 24	22 4	8 42	1 45	25 30	1 42	22 36	1 23	24 42	0 52	5 1	1 15	1 57	2 21	8 24	0 25	5 7	2 1	33 59	11 1	16 51	16 27	19 21		n.a.	
M25	21 54	2 27	2 52	25 30	1 46	22 22	1 24	24 43	0 52	4 57	1 15	1 59	2 21	8 24	0 25	5 6	2 0	33 59	11 1	16 51	16 28	19 24		n.a.	
T 26	21 44	3n59	3 50	25 29	1 50	22 7	1 24	24 45	0 53	4 52	1 15	2 1	2 20	8 24	0 25	5 6	2 0	33 58	11 1	16 50	16 29	19 26		n.a.	
W27	21 33	10 18	4 36	25 26	1 53	21 51	1 25	24 45	0 54	4 48	1 15	2 3	2 20	8 25	0 25	5 5	2 0	33 58	11 1	16 50	16 30	19 28		n.a.	
T 28	21 22	16 9	5 5	25 21	1 56	21 35	1 25	24 46	0 54	4 43	1 14	2 4	2 20	8 25	0 25	5 4	2 0	33 58	11 1	16 50	16 31	19 31		n.a.	
F 29	21 10	21 11	5 15	25 14	1 58	21 18	1 25	24 46	0 55	4 39	1 14	2 6	2 20	8 25	0 25	5 4	2 0	33 58	11 1	16 50	16 32	19 33		n.a.	
S 30	20 59	25 0	5 6	25 6	2 0	21 0	1 26	24 46	0 55	4 34	1 14	2 8	2 19	8 26	0 25	5 3	2 0	33 58	11 1	16 51	16 33	19 35		n.a.	
S 31	20s46	27n15	4n39	24s56	2s 2	20s42	1s26	24s45	0s56	4s30	1s14	2n10	2s19	8n26	0s25	5s 2	2s 0	33s58	11s 1	16s51	16s34	19s38		n.a.	

Julian Day Number = 1203863.5, Delta T = 09h19m47s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'40, Lahiri = -23°30'39 Julian Calendar 1 Jan. 1417 BCE == Greg. Calendar 19 Dec. 1418 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

FEBRUARY 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 51 5	29♉45'01	26♊29	17♉28	6♒24	3♉44	21♓50	10♈43	22♈17	22♓ 5	14♉53	14°R11	15♒ 8	9♏15	n.a.	M 1
T 2	7 55 1	0♒44'41	10♋38	19°13	7°38	4°31	22° 1	10°48	22°18	22° 6	14°55	14♒ 9	15° 5	9°21	n.a.	T 2
W 3	7 58 58	1°44'20	24°35	20°59	8°53	5°18	22°13	10°52	22°19	22° 8	14°57	14° 8	15° 2	9°28	n.a.	W 3
T 4	8 2 55	2°43'56	8♌16	22°47	10° 7	6° 5	22°24	10°57	22°20	22° 9	14°58	14°D 8	14°58	9°35	n.a.	T 4
F 5	8 6 51	3°43'30	21°38	24°36	11°22	6°52	22°36	11° 1	22°22	22°11	15° 0	14° 8	14°55	9°42	n.a.	F 5
S 6	8 10 48	4°43'02	4♍41	26°26	12°36	7°39	22°47	11° 6	22°23	22°12	15° 2	14° 8	14°52	9°48	n.a.	S 6
S 7	8 14 44	5°42'32	17°25	28°17	13°51	8°26	22°59	11°10	22°24	22°14	15° 3	14° 9	14°49	9°55	n.a.	S 7
M 8	8 18 41	6°42'00	29°52	0♒10	15° 5	9°12	23°11	11°15	22°25	22°16	15° 5	14°10	14°46	10° 2	n.a.	M 8
T 9	8 22 37	7°41'26	12♎ 4	2° 4	16°20	9°59	23°22	11°20	22°27	22°18	15° 6	14°10	14°43	10° 8	n.a.	T 9
W10	8 26 34	8°40'50	24° 5	3°59	17°34	10°46	23°34	11°25	22°28	22°19	15° 8	14°11	14°39	10°15	n.a.	W10
T 11	8 30 30	9°40'12	6♏ 0	5°55	18°48	11°33	23°46	11°30	22°30	22°21	15° 9	14°R11	14°36	10°22	n.a.	T 11
F 12	8 34 27	10°39'32	17°53	7°52	20° 3	12°20	23°58	11°35	22°31	22°23	15°11	14°11	14°33	10°29	n.a.	F 12
S 13	8 38 23	11°38'50	29°49	9°50	21°17	13° 6	24°10	11°40	22°33	22°25	15°13	14°11	14°30	10°35	n.a.	S 13
S 14	8 42 20	12°38'06	11♐52	11°50	22°31	13°53	24°23	11°46	22°35	22°26	15°14	14°11	14°27	10°42	n.a.	S 14
M15	8 46 17	13°37'21	24° 6	13°50	23°46	14°40	24°35	11°51	22°36	22°28	15°16	14°11	14°23	10°49	n.a.	M15
T 16	8 50 13	14°36'33	6♑35	15°52	25° 0	15°27	24°47	11°56	22°38	22°30	15°17	14°D11	14°20	10°56	n.a.	T 16
W17	8 54 10	15°35'44	19°21	17°54	26°14	16°13	25° 0	12° 2	22°40	22°32	15°19	14°11	14°17	11° 2	n.a.	W17
T 18	8 58 6	16°34'52	2♒26	19°56	27°29	17° 0	25°12	12° 8	22°42	22°34	15°20	14°11	14°14	11° 9	n.a.	T 18
F 19	9 2 3	17°33'58	15°49	21°59	28°43	17°47	25°25	12°13	22°43	22°36	15°22	14°R11	14°11	11°16	n.a.	F 19
S 20	9 5 59	18°33'02	29°30	24° 3	29°57	18°33	25°37	12°19	22°45	22°38	15°23	14°11	14° 8	11°22	n.a.	S 20
S 21	9 9 56	19°32'04	13♓25	26° 6	1♓11	19°20	25°50	12°25	22°47	22°40	15°25	14°10	14° 4	11°29	n.a.	S 21
M22	9 13 52	20°31'03	27°32	28° 9	2°25	20° 7	26° 3	12°31	22°49	22°42	15°26	14°10	14° 1	11°36	n.a.	M22
T 23	9 17 49	21°30'00	11♈46	0♓11	3°39	20°53	26°15	12°36	22°51	22°44	15°28	14° 9	13°58	11°43	n.a.	T 23
W24	9 21 45	22°28'55	26° 4	2°12	4°53	21°40	26°28	12°42	22°53	22°46	15°29	14° 8	13°55	11°49	n.a.	W24
T 25	9 25 42	23°27'47	10♉21	4°13	6° 8	22°26	26°41	12°49	22°56	22°48	15°30	14° 8	13°52	11°56	n.a.	T 25
F 26	9 29 39	24°26'37	24°36	6°11	7°22	23°13	26°54	12°55	22°58	22°50	15°32	14°D 7	13°48	12° 3	n.a.	F 26
S 27	9 33 35	25°25'24	8♊44	8° 8	8°36	23°59	27° 7	13° 1	23° 0	22°52	15°33	14° 8	13°45	12°10	n.a.	S 27
S 28	9 37 32	26°24'09	22°45	10° 2	9°50	24°46	27°20	13° 7	23° 2	22°54	15°34	14° 8	13°42	12°16	n.a.	S 28
M29	9 41 28	27♒22'52	6♋36	11♓54	11♓ 4	25♉32	27♓33	13♈13	23♈ 5	22♓56	15♉36	14♒ 9	13♒39	12♏23	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s34	27n42	3n54	24s44	2s 3	20s23	1s26	24s45	0s56	4s25	1s14	2n12	2s19	8n26	0s25	5s 2	2s 0	33s58	11s 2	16s52	16s35	19s40		n.a.
T 2	20 21	26 20	2 55	24 30	2 3	20 4	1 26	24 44	0 57	4 20	1 13	2 14	2 19	8 27	0 25	5 1	2 0	33 58	11 2	16 52	16 36	19 42		n.a.
W 3	20 7	23 19	1 46	24 14	2 4	19 44	1 26	24 43	0 57	4 15	1 13	2 16	2 18	8 27	0 25	5 0	2 0	33 58	11 2	16 53	16 37	19 44		n.a.
T 4	19 54	19 3	0 32	23 56	2 3	19 24	1 26	24 41	0 58	4 11	1 13	2 18	2 18	8 28	0 25	5 0	2 0	33 58	11 2	16 53	16 38	19 47		n.a.
F 5	19 40	13 53	0s41	23 36	2 3	19 3	1 26	24 39	0 58	4 6	1 13	2 20	2 18	8 28	0 25	4 59	2 0	33 58	11 2	16 53	16 39	19 49		n.a.
S 6	19 25	8 14	1 51	23 14	2 2	18 41	1 25	24 37	0 59	4 1	1 13	2 22	2 17	8 29	0 25	4 58	2 0	33 57	11 2	16 53	16 40	19 51		n.a.
S 7	19 11	2 24	2 54	22 49	2 0	18 19	1 25	24 35	0 59	3 56	1 12	2 24	2 17	8 29	0 25	4 58	2 0	33 57	11 2	16 53	16 41	19 54		n.a.
M 8	18 56	3s24	3 47	22 23	1 58	17 57	1 25	24 32	1 0	3 51	1 12	2 26	2 17	8 30	0 25	4 57	2 0	33 57	11 3	16 52	16 42	19 56		n.a.
T 9	18 40	8 57	4 29	21 55	1 55	17 34	1 24	24 29	1 0	3 46	1 12	2 28	2 17	8 30	0 25	4 56	2 0	33 57	11 3	16 52	16 43	19 58		n.a.
W10	18 25	14 6	4 58	21 24	1 51	17 10	1 24	24 26	1 1	3 41	1 12	2 30	2 16	8 31	0 25	4 55	2 0	33 57	11 3	16 52	16 44	20 0		n.a.
T 11	18 9	18 40	5 14	20 52	1 48	16 46	1 23	24 22	1 1	3 36	1 12	2 33	2 16	8 31	0 25	4 55	2 0	33 57	11 3	16 52	16 44	20 3		n.a.
F 12	17 52	22 30	5 16	20 17	1 43	16 22	1 23	24 18	1 2	3 31	1 11	2 35	2 16	8 32	0 25	4 54	2 0	33 57	11 3	16 52	16 45	20 5		n.a.
S 13	17 36	25 26	5 5	19 40	1 38	15 57	1 22	24 14	1 2	3 26	1 11	2 37	2 16	8 33	0 25	4 53	2 0	33 57	11 3	16 52	16 46	20 7		n.a.
S 14	17 19	27 15	4 41	19 1	1 32	15 32	1 21	24 10	1 3	3 21	1 11	2 40	2 15	8 33	0 25	4 52	1 59	33 57	11 3	16 52	16 47	20 9		n.a.
M15	17 2	27 47	4 3	18 20	1 26	15 6	1 21	24 5	1 3	3 16	1 11	2 42	2 15	8 34	0 25	4 52	1 59	33 57	11 4	16 52	16 48	20 12		n.a.
T 16	16 44	26 55	3 14	17 37	1 19	14 40	1 20	24 0	1 4	3 11	1 11	2 44	2 15	8 35	0 24	4 51	1 59	33 57	11 4	16 52	16 49	20 14		n.a.
W17	16 27	24 38	2 13	16 53	1 12	14 14	1 19	23 55	1 4	3 6	1 10	2 47	2 15	8 35	0 24	4 50	1 59	33 57	11 4	16 52	16 50	20 16		n.a.
T 18	16 9	21 1	1 5	16 6	1 4	13 47	1 18	23 50	1 5	3 1	1 10	2 49	2 14	8 36	0 24	4 49	1 59	33 57	11 4	16 52	16 51	20 18		n.a.
F 19	15 50	16 14	0n 9	15 18	0 55	13 20	1 17	23 44	1 5	2 55	1 10	2 52	2 14	8 37	0 24	4 49	1 59	33 57	11 4	16 52	16 52	20 21		n.a.
S 20	15 32	10 33	1 24	14 28	0 46	12 52	1 16	23 38	1 5	2 50	1 10	2 54	2 14	8 38	0 24	4 48	1 59	33 57	11 5	16 52	16 53	20 23		n.a.
S 21	15 13	4 15	2 35	13 37	0 37	12 24	1 15	23 32	1 6	2 45	1 10	2 57	2 14	8 38	0 24	4 47	1 59	33 57	11 5	16 52	16 54	20 25		n.a.
M22	14 54	2n19	3 38	12 45	0 27	11 56	1 13	23 25	1 6	2 40	1 10	2 59	2 13	8 39	0 24	4 46	1 59	33 57	11 5	16 52	16 55	20 27		n.a.
T 23	14 35	8 49	4 27	11 51	0 16	11 28	1 12	23 18	1 7	2 34	1 9	3 2	2 13	8 40	0 24	4 45	1 59	33 57	11 5	16 52	16 56	20 29		n.a.
W24	14 16	14 54	5 1	10 57	0 5	10 59	1 11	23 11	1 7	2 29	1 9	3 4	2 13	8 41	0 24	4 44	1 59	33 57	11 5	16 53	16 57	20 32		n.a.
T 25	13 56	20 10	5 16	10 2	0n 6	10 30	1 9	23 4	1 7	2 24	1 9	3 7	2 13	8 42	0 24	4 44	1 59	33 57	11 6	16 53	16 58	20 34		n.a.
F 26	13 36	24 16	5 11	9 7	0 18	10 0	1 8	22 56	1 8	2 18	1 9	3 9	2 13	8 42	0 24	4 43	1 59	33 57	11 6	16 53	16 58	20 36		n.a.
S 27	13 16	26 53	4 48	8 13	0 30	9 31	1 6	22 49	1 8	2 13	1 9	3 12	2 12	8 43	0 24	4 42	1 59	33 57	11 6	16 53	16 59	20 38		n.a.
S 28	12 56	27 47	4 7	7 18	0 42	9 1	1 5	22 41	1 9	2 7	1 9	3 15	2 12	8 44	0 24	4 41	1 59	33 57	11 6	16 53	17 0	20 40		n.a.
M29	12s36	26n55	3n13	6s24	0n53	8s31	1s 3	22s32	1s 9	2s 2	1s 8	3n17	2s12	8n45	0s24	4s40	1s59	33s57	11s 6	16s52	17s 1	20s42		n.a.

Julian Day Number = 1203894.5, Delta T = 09h19m45s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'36, Lahiri = -23°30'35 Julian Calendar 1 Feb. 1417 BCE == Greg. Calendar 19 Jan. 1417 BCE

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

MARCH 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 45 25	28♒21'32	20♋17	13♓42	12♓18	26♉19	27♓46	13♈20	23♈ 7	22♓58	15♉37	14♒10	13♒36	12♏30	n.a.	T 1
W 2	9 49 21	29°20'10	3♌45	15°28	13°31	27° 5	27°59	13°26	23° 9	23° 0	15°38	14°11	13°33	12°36	n.a.	W 2
T 3	9 53 18	0♓18'45	17° 1	17° 9	14°45	27°51	28°13	13°33	23°12	23° 2	15°40	14°R11	13°29	12°43	n.a.	T 3
F 4	9 57 14	1°17'19	0♍ 4	18°47	15°59	28°38	28°26	13°39	23°14	23° 4	15°41	14°11	13°26	12°50	n.a.	F 4
S 5	10 1 11	2°15'50	12°52	20°20	17°13	29°24	28°39	13°46	23°17	23° 6	15°42	14° 9	13°23	12°57	n.a.	S 5
S 6	10 5 8	3°14'19	25°27	21°49	18°27	0♒10	28°53	13°52	23°19	23° 8	15°44	14° 7	13°20	13° 3	n.a.	S 6
M 7	10 9 4	4°12'46	7♎48	23°13	19°41	0°57	29° 6	13°59	23°22	23°11	15°45	14° 4	13°17	13°10	n.a.	M 7
T 8	10 13 1	5°11'12	19°58	24°32	20°54	1°43	29°19	14° 6	23°24	23°13	15°46	14° 1	13°14	13°17	n.a.	T 8
W 9	10 16 57	6° 9'36	1♏59	25°46	22° 8	2°29	29°33	14°13	23°27	23°15	15°47	13°57	13°10	13°23	n.a.	W 9
T 10	10 20 54	7° 7'58	13°54	26°55	23°22	3°15	29°46	14°20	23°29	23°17	15°48	13°55	13° 7	13°30	n.a.	T 10
F 11	10 24 50	8° 6'18	25°47	27°59	24°35	4° 1	0♈ 0	14°26	23°32	23°19	15°49	13°53	13° 4	13°37	n.a.	F 11
S 12	10 28 47	9° 4'36	7♐42	28°58	25°49	4°47	0°14	14°33	23°35	23°21	15°51	13°D52	13° 1	13°44	n.a.	S 12
S 13	10 32 43	10° 2'53	19°44	29°51	27° 3	5°34	0°27	14°40	23°38	23°24	15°52	13°53	12°58	13°50	n.a.	S 13
M14	10 36 40	11° 1'08	1♑58	0♈39	28°16	6°20	0°41	14°47	23°40	23°26	15°53	13°54	12°54	13°57	n.a.	M14
T 15	10 40 36	11°59'22	14°28	1°21	29°30	7° 6	0°55	14°55	23°43	23°28	15°54	13°55	12°51	14° 4	n.a.	T 15
W16	10 44 33	12°57'34	27°17	1°57	0♈43	7°52	1° 8	15° 2	23°46	23°30	15°55	13°57	12°48	14°11	n.a.	W16
T 17	10 48 30	13°55'44	10♒30	2°28	1°57	8°37	1°22	15° 9	23°49	23°32	15°56	13°R58	12°45	14°17	n.a.	T 17
F 18	10 52 26	14°53'52	24° 6	2°53	3°10	9°23	1°36	15°16	23°52	23°35	15°57	13°57	12°42	14°24	n.a.	F 18
S 19	10 56 23	15°51'59	8♓ 6	3°12	4°24	10° 9	1°50	15°23	23°55	23°37	15°58	13°56	12°39	14°31	n.a.	S 19
S 20	11 0 19	16°50'04	22°25	3°26	5°37	10°55	2° 3	15°31	23°58	23°39	15°59	13°52	12°35	14°37	n.a.	S 20
M21	11 4 16	17°48'07	7♈ 0	3°35	6°51	11°41	2°17	15°38	24° 1	23°41	16° 0	13°48	12°32	14°44	n.a.	M21
T 22	11 8 12	18°46'08	21°42	3°R37	8° 4	12°27	2°31	15°45	24° 4	23°44	16° 1	13°43	12°29	14°51	n.a.	T 22
W23	11 12 9	19°44'07	6♉25	3°35	9°18	13°12	2°45	15°53	24° 7	23°46	16° 2	13°38	12°26	14°58	n.a.	W23
T 24	11 16 5	20°42'04	21° 2	3°27	10°31	13°58	2°59	16° 0	24°10	23°48	16° 3	13°34	12°23	15° 4	n.a.	T 24
F 25	11 20 2	21°40'00	5♊26	3°15	11°44	14°43	3°13	16° 8	24°13	23°50	16° 3	13°31	12°20	15°11	n.a.	F 25
S 26	11 23 58	22°37'53	19°36	2°58	12°57	15°29	3°27	16°15	24°16	23°53	16° 4	13°D30	12°16	15°18	n.a.	S 26
S 27	11 27 55	23°35'45	3♋29	2°37	14°11	16°15	3°41	16°23	24°19	23°55	16° 5	13°30	12°13	15°25	n.a.	S 27
M28	11 31 52	24°33'34	17° 6	2°11	15°24	17° 0	3°55	16°30	24°22	23°57	16° 6	13°31	12°10	15°31	n.a.	M28
T 29	11 35 48	25°31'22	0♌26	1°43	16°37	17°45	4° 9	16°38	24°25	23°59	16° 7	13°33	12° 7	15°38	n.a.	T 29
W30	11 39 45	26°29'07	13°33	1°12	17°50	18°31	4°23	16°45	24°29	24° 2	16° 7	13°R33	12° 4	15°45	n.a.	W30
T 31	11 43 41	27♓26'51	26♌26	0♈39	19♈ 3	19♒16	4♈37	16♈53	24♈32	24♓ 4	16♉ 8	13♒33	12♒ 0	15♏51	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12s15	24n25	2n 8	5s31	1n 5	8s 1	1s 2	22s24	1s 9	1s57	1s 8	3n20	2s12	8n46	0s24	4s39	1s59	33s57	11s 7	16s52	17s 2	20s45			n.a.
W 2	11 54	20 35	0 57	4 39	1 17	7 31	1 0	22 15	1 10	1 51	1 8	3 23	2 12	8 47	0 24	4 38	1 59	33 57	11 7	16 52	17 3	20 47			n.a.
T 3	11 33	15 46	0s16	3 48	1 29	7 0	0 58	22 6	1 10	1 46	1 8	3 26	2 11	8 48	0 24	4 38	1 59	33 58	11 7	16 52	17 4	20 49			n.a.
F 4	11 12	10 18	1 26	2 59	1 40	6 29	0 56	21 57	1 10	1 40	1 8	3 28	2 11	8 49	0 24	4 37	1 59	33 58	11 7	16 52	17 5	20 51			n.a.
S 5	10 51	4 31	2 32	2 12	1 51	5 58	0 55	21 47	1 11	1 35	1 8	3 31	2 11	8 50	0 24	4 36	1 59	33 58	11 8	16 52	17 6	20 53			n.a.
S 6	10 30	1s20	3 28	1 27	2 2	5 27	0 53	21 38	1 11	1 29	1 8	3 34	2 11	8 51	0 24	4 35	1 59	33 58	11 8	16 53	17 7	20 55			n.a.
M 7	10 8	7 1	4 14	0 44	2 12	4 56	0 51	21 28	1 11	1 24	1 7	3 37	2 11	8 52	0 24	4 34	1 59	33 58	11 8	16 54	17 8	20 57			n.a.
T 8	9 47	12 21	4 47	0 3	2 21	4 25	0 49	21 18	1 12	1 18	1 7	3 39	2 10	8 53	0 24	4 33	1 59	33 58	11 8	16 55	17 9	21 0			n.a.
W 9	9 25	17 10	5 7	0n35	2 30	3 53	0 47	21 7	1 12	1 12	1 7	3 42	2 10	8 54	0 24	4 32	1 59	33 58	11 9	16 56	17 10	21 2			n.a.
T 10	9 3	21 16	5 14	1 10	2 38	3 22	0 45	20 57	1 12	1 7	1 7	3 45	2 10	8 55	0 24	4 31	1 59	33 58	11 9	16 57	17 11	21 4			n.a.
F 11	8 41	24 31	5 7	1 42	2 45	2 50	0 43	20 46	1 13	1 1	1 7	3 48	2 10	8 56	0 24	4 31	1 59	33 58	11 9	16 57	17 11	21 6			n.a.
S 12	8 18	26 42	4 47	2 12	2 52	2 18	0 40	20 35	1 13	0 56	1 7	3 51	2 10	8 57	0 24	4 30	1 59	33 58	11 9	16 57	17 12	21 8			n.a.
S 13	7 56	27 41	4 15	2 39	2 57	1 47	0 38	20 24	1 13	0 50	1 7	3 54	2 10	8 58	0 24	4 29	1 59	33 59	11 10	16 57	17 13	21 10			n.a.
M14	7 34	27 21	3 30	3 2	3 2	1 15	0 36	20 12	1 14	0 44	1 7	3 57	2 9	8 59	0 24	4 28	1 59	33 59	11 10	16 57	17 14	21 12			n.a.
T 15	7 11	25 37	2 35	3 22	3 6	0 43	0 34	20 1	1 14	0 39	1 6	4 0	2 9	9 0	0 24	4 27	1 59	33 59	11 10	16 56	17 15	21 14			n.a.
W16	6 49	22 33	1 30	3 40	3 8	0 11	0 31	19 49	1 14	0 33	1 6	4 3	2 9	9 1	0 24	4 26	1 59	33 59	11 11	16 56	17 16	21 16			n.a.
T 17	6 26	18 13	0 19	3 53	3 10	0n21	0 29	19 37	1 14	0 27	1 6	4 6	2 9	9 2	0 24	4 25	1 59	33 59	11 11	16 56	17 17	21 18			n.a.
F 18	6 3	12 51	0n55	4 4	3 10	0 53	0 27	19 25	1 15	0 22	1 6	4 8	2 9	9 3	0 24	4 24	1 59	33 59	11 11	16 56	17 18	21 20			n.a.
S 19	5 40	6 42	2 8	4 11	3 9	1 25	0 24	19 13	1 15	0 16	1 6	4 11	2 9	9 4	0 24	4 23	1 59	33 59	11 11	16 56	17 19	21 22			n.a.
S 20	5 17	0 5	3 14	4 15	3 7	1 56	0 22	19 0	1 15	0 10	1 6	4 14	2 8	9 5	0 24	4 22	1 59	34 0	11 12	16 57	17 20	21 24			n.a.
M21	4 54	6n38	4 9	4 15	3 4	2 28	0 19	18 47	1 15	0 5	1 6	4 17	2 8	9 7	0 24	4 21	1 59	34 0	11 12	16 59	17 21	21 27			n.a.
T 22	4 31	13 2	4 48	4 12	2 59	3 0	0 17	18 35	1 16	0n 1	1 6	4 20	2 8	9 8	0 24	4 21	1 59	34 0	11 12	17 0	17 22	21 29			n.a.
W23	4 8	18 44	5 8	4 6	2 54	3 32	0 14	18 22	1 16	0 7	1 6	4 23	2 8	9 9	0 24	4 20	1 59	34 0	11 13	17 2	17 22	21 31			n.a.
T 24	3 45	23 16	5 8	3 56	2 46	4 3	0 12	18 8	1 16	0 12	1 6	4 26	2 8	9 10	0 24	4 19	1 59	34 0	11 13	17 3	17 23	21 33			n.a.
F 25	3 22	26 19	4 48	3 43	2 38	4 35	0 9	17 55	1 16	0 18	1 5	4 30	2 8	9 11	0 24	4 18	1 59	34 0	11 13	17 4	17 24	21 35			n.a.
S 26	2 58	27 37	4 11	3 28	2 28	5 6	0 7	17 41	1 16	0 24	1 5	4 33	2 8	9 12	0 24	4 17	1 59	34 1	11 14	17 4	17 25	21 37			n.a.
S 27	2 35	27 9	3 20	3 9	2 18	5 37	0 4	17 28	1 17	0 30	1 5	4 36	2 7	9 14	0 24	4 16	1 59	34 1	11 14	17 4	17 26	21 39			n.a.
M28	2 12	25 2	2 19	2 48	2 6	6 9	0 1	17 14	1 17	0 35	1 5	4 39	2 7	9 15	0 24	4 15	1 59	34 1	11 14	17 3	17 27	21 41			n.a.
T 29	1 49	21 34	1 11	2 25	1 52	6 40	0n 1	17 0	1 17	0 41	1 5	4 42	2 7	9 16	0 24	4 14	1 59	34 1	11 14	17 3	17 28	21 43			n.a.
W30	1 25	17 3	0 0	1 59	1 38	7 11	0 4	16 46	1 17	0 47	1 5	4 45	2 7	9 17	0 23	4 13	1 59	34 1	11 15	17 3	17 29	21 45			n.a.
T 31	1s 2	11n51	1s 9	1n32	1n24	7n41	0n 6	16s32	1s17	0n52	1s 5	4n48	2s 7	9n18	0s23	4s12	1s59	34s 2	11s15	17s 3	17s30	21s47			n.a.

Julian Day Number = 1203923.5, Delta T = 09h19m44s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'32, Lahiri = -23°30'31 Julian Calendar 1 March 1417 BCE == Greg. Calendar 17 Feb. 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

APRIL 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 47 38	28♓24'33	9♍ 8	0°R 4	20♈16	20♒ 1	4♈51	17♈ 1	24♈35	24♓ 6	16♑ 9	13°R30	11♒57	15♏58	n.a.	F 1
S 2	11 51 34	29°22'13	21°39	29♓28	21°29	20°47	5° 5	17° 8	24°38	24° 8	16°10	13♒25	11°54	16° 5	n.a.	S 2
S 3	11 55 31	0♈19'52	4♎ 0	28°52	22°42	21°32	5°19	17°16	24°42	24°11	16°10	13°18	11°51	16°12	n.a.	S 3
M 4	11 59 27	1°17'30	16°12	28°16	23°55	22°17	5°33	17°24	24°45	24°13	16°11	13°10	11°48	16°18	n.a.	M 4
T 5	12 3 24	2°15'06	28°16	27°41	25° 8	23° 2	5°47	17°31	24°48	24°15	16°11	13° 1	11°45	16°25	n.a.	T 5
W 6	12 7 21	3°12'40	10♏14	27° 7	26°21	23°47	6° 1	17°39	24°51	24°17	16°12	12°52	11°41	16°32	n.a.	W 6
T 7	12 11 17	4°10'14	22° 8	26°36	27°34	24°32	6°15	17°47	24°55	24°20	16°13	12°44	11°38	16°38	n.a.	T 7
F 8	12 15 14	5° 7'47	3♐59	26° 7	28°47	25°17	6°29	17°55	24°58	24°22	16°13	12°37	11°35	16°45	n.a.	F 8
S 9	12 19 10	6° 5'18	15°53	25°41	29°59	26° 2	6°43	18° 3	25° 2	24°24	16°14	12°33	11°32	16°52	n.a.	S 9
S 10	12 23 7	7° 2'48	27°54	25°18	1♉12	26°47	6°57	18°10	25° 5	24°26	16°14	12°31	11°29	16°59	n.a.	S 10
M11	12 27 3	8° 0'18	10♑ 5	25° 0	2°25	27°32	7°11	18°18	25° 8	24°29	16°15	12°D30	11°25	17° 5	n.a.	M11
T 12	12 31 0	8°57'46	22°32	24°45	3°38	28°16	7°25	18°26	25°12	24°31	16°15	12°31	11°22	17°12	n.a.	T 12
W13	12 34 56	9°55'13	5♒20	24°34	4°51	29° 1	7°39	18°34	25°15	24°33	16°15	12°32	11°19	17°19	n.a.	W13
T 14	12 38 53	10°52'39	18°32	24°28	6° 3	29°46	7°53	18°42	25°19	24°35	16°16	12°R32	11°16	17°26	n.a.	T 14
F 15	12 42 50	11°50'05	2♓12	24°D26	7°16	0♓30	8° 7	18°50	25°22	24°37	16°16	12°30	11°13	17°32	n.a.	F 15
S 16	12 46 46	12°47'29	16°19	24°29	8°28	1°15	8°21	18°58	25°26	24°39	16°17	12°26	11°10	17°39	n.a.	S 16
S 17	12 50 43	13°44'53	0♈52	24°36	9°41	1°59	8°35	19° 6	25°29	24°42	16°17	12°20	11° 6	17°46	n.a.	S 17
M18	12 54 39	14°42'15	15°46	24°48	10°53	2°44	8°49	19°14	25°32	24°44	16°17	12°12	11° 3	17°52	n.a.	M18
T 19	12 58 36	15°39'36	0♉50	25° 4	12° 6	3°28	9° 3	19°22	25°36	24°46	16°17	12° 2	11° 0	17°59	n.a.	T 19
W20	13 2 32	16°36'57	15°56	25°24	13°18	4°12	9°17	19°29	25°39	24°48	16°18	11°53	10°57	18° 6	n.a.	W20
T 21	13 6 29	17°34'16	0♊54	25°49	14°31	4°57	9°31	19°37	25°43	24°50	16°18	11°45	10°54	18°13	n.a.	T 21
F 22	13 10 25	18°31'34	15°35	26°19	15°43	5°41	9°45	19°45	25°46	24°52	16°18	11°39	10°51	18°19	n.a.	F 22
S 23	13 14 22	19°28'51	29°55	26°52	16°55	6°25	9°59	19°53	25°50	24°54	16°18	11°36	10°47	18°26	n.a.	S 23
S 24	13 18 19	20°26'07	13♋51	27°29	18° 8	7° 9	10°13	20° 1	25°53	24°56	16°18	11°34	10°44	18°33	n.a.	S 24
M25	13 22 15	21°23'22	27°24	28°11	19°20	7°53	10°26	20° 9	25°57	24°58	16°19	11°D34	10°41	18°40	n.a.	M25
T 26	13 26 12	22°20'35	10♌36	28°56	20°32	8°37	10°40	20°17	26° 1	25° 1	16°19	11°R35	10°38	18°46	n.a.	T 26
W27	13 30 8	23°17'47	23°29	29°45	21°44	9°21	10°54	20°25	26° 4	25° 3	16°19	11°34	10°35	18°53	n.a.	W27
T 28	13 34 5	24°14'58	6♍ 7	0♈38	22°57	10° 5	11° 8	20°33	26° 8	25° 5	16°19	11°32	10°31	19° 0	n.a.	T 28
F 29	13 38 1	25°12'09	18°33	1°34	24° 9	10°48	11°22	20°41	26°11	25° 7	16°R19	11°27	10°28	19° 6	n.a.	F 29
S 30	13 41 58	26♈ 9'18	0♎50	2♈34	25♉21	11♓32	11♈36	20♈49	26♈15	25♓ 9	16♑19	11♒19	10♒25	19♏13	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s39	6n14	2s14	1n 4	1n 8	8n12	0n 9	16s17	1s17	0n58	1s 5	4n51	2s 7	9n20	0s23	4s11	1s59	34s 2	11s15	17s 4	17s31	21s49		n.a.
S 2	0 15	0 27	3 11	0 34	0 52	8 42	0 12	16 3	1 17	1 4	1 5	4 54	2 7	9 21	0 23	4 11	1 59	34 2	11 16	17 5	17 31	21 51		n.a.
S 3	0n 8	5s15	3 58	0 5	0 35	9 12	0 14	15 48	1 18	1 10	1 5	4 57	2 7	9 22	0 23	4 10	1 59	34 2	11 16	17 7	17 32	21 52		n.a.
M 4	0 31	10 40	4 33	0s25	0 18	9 42	0 17	15 33	1 18	1 15	1 5	5 0	2 7	9 23	0 23	4 9	1 59	34 3	11 16	17 10	17 33	21 54		n.a.
T 5	0 55	15 38	4 56	0 55	0 1	10 12	0 20	15 18	1 18	1 21	1 5	5 3	2 6	9 25	0 23	4 8	1 59	34 3	11 17	17 12	17 34	21 56		n.a.
W 6	1 18	19 58	5 6	1 24	0s15	10 42	0 22	15 3	1 18	1 27	1 4	5 6	2 6	9 26	0 23	4 7	1 59	34 3	11 17	17 15	17 35	21 58		n.a.
T 7	1 41	23 29	5 2	1 52	0 32	11 11	0 25	14 48	1 18	1 32	1 4	5 9	2 6	9 27	0 23	4 6	1 59	34 3	11 17	17 17	17 36	22 0		n.a.
F 8	2 4	25 59	4 45	2 19	0 48	11 40	0 28	14 33	1 18	1 38	1 4	5 13	2 6	9 28	0 23	4 5	1 59	34 3	11 18	17 19	17 37	22 2		n.a.
S 9	2 28	27 21	4 16	2 43	1 4	12 8	0 30	14 17	1 18	1 44	1 4	5 16	2 6	9 30	0 23	4 4	1 59	34 4	11 18	17 20	17 38	22 4		n.a.
S 10	2 51	27 26	3 36	3 6	1 19	12 37	0 33	14 2	1 18	1 49	1 4	5 19	2 6	9 31	0 23	4 3	1 59	34 4	11 18	17 21	17 39	22 6		n.a.
M11	3 14	26 13	2 45	3 27	1 34	13 5	0 36	13 46	1 18	1 55	1 4	5 22	2 6	9 32	0 23	4 3	1 59	34 4	11 19	17 21	17 40	22 8		n.a.
T 12	3 37	23 40	1 45	3 46	1 48	13 33	0 38	13 30	1 18	2 1	1 4	5 25	2 6	9 33	0 23	4 2	1 59	34 5	11 19	17 21	17 40	22 10		n.a.
W13	4 0	19 54	0 38	4 2	2 1	14 0	0 41	13 15	1 18	2 7	1 4	5 28	2 6	9 35	0 23	4 1	1 59	34 5	11 19	17 21	17 41	22 12		n.a.
T 14	4 23	15 2	0n32	4 15	2 13	14 27	0 44	12 59	1 19	2 12	1 4	5 31	2 6	9 36	0 23	4 0	1 59	34 5	11 20	17 21	17 42	22 14		n.a.
F 15	4 46	9 17	1 43	4 26	2 24	14 54	0 46	12 43	1 19	2 18	1 4	5 34	2 6	9 37	0 23	3 59	1 59	34 5	11 20	17 21	17 43	22 16		n.a.
S 16	5 8	2 53	2 50	4 34	2 34	15 21	0 49	12 27	1 19	2 24	1 4	5 37	2 6	9 39	0 23	3 58	1 59	34 6	11 20	17 22	17 44	22 17		n.a.
S 17	5 31	3n50	3 48	4 40	2 43	15 47	0 51	12 10	1 19	2 29	1 4	5 40	2 6	9 40	0 23	3 57	1 59	34 6	11 21	17 24	17 45	22 19		n.a.
M18	5 54	10 28	4 32	4 42	2 51	16 12	0 54	11 54	1 19	2 35	1 4	5 44	2 5	9 41	0 23	3 57	1 59	34 6	11 21	17 26	17 46	22 21		n.a.
T 19	6 16	16 36	4 57	4 42	2 58	16 38	0 56	11 38	1 19	2 40	1 4	5 47	2 5	9 42	0 23	3 56	1 59	34 7	11 21	17 29	17 47	22 23		n.a.
W20	6 39	21 42	5 2	4 40	3 4	17 3	0 59	11 21	1 19	2 46	1 4	5 50	2 5	9 44	0 23	3 55	1 59	34 7	11 22	17 32	17 48	22 25		n.a.
T 21	7 1	25 22	4 47	4 34	3 9	17 27	1 1	11 5	1 19	2 52	1 4	5 53	2 5	9 45	0 23	3 54	1 59	34 7	11 22	17 34	17 48	22 27		n.a.
F 22	7 23	27 14	4 12	4 26	3 13	17 51	1 4	10 48	1 19	2 57	1 4	5 56	2 5	9 46	0 23	3 53	1 59	34 7	11 22	17 36	17 49	22 29		n.a.
S 23	7 45	27 14	3 22	4 16	3 17	18 15	1 6	10 32	1 19	3 3	1 4	5 59	2 5	9 48	0 23	3 52	1 59	34 8	11 23	17 37	17 50	22 30		n.a.
S 24	8 7	25 29	2 22	4 3	3 19	18 38	1 9	10 15	1 19	3 8	1 4	6 2	2 5	9 49	0 23	3 52	1 59	34 8	11 23	17 37	17 51	22 32		n.a.
M25	8 29	22 16	1 15	3 48	3 21	19 0	1 11	9 58	1 19	3 14	1 4	6 5	2 5	9 50	0 23	3 51	1 59	34 8	11 23	17 37	17 52	22 34		n.a.
T 26	8 51	17 58	0 5	3 30	3 21	19 22	1 13	9 42	1 18	3 20	1 4	6 8	2 5	9 52	0 23	3 50	1 59	34 9	11 24	17 37	17 53	22 36		n.a.
W27	9 12	12 57	1s 3	3 10	3 21	19 44	1 15	9 25	1 18	3 25	1 3	6 11	2 5	9 53	0 23	3 49	1 59	34 9	11 24	17 37	17 54	22 38		n.a.
T 28	9 34	7 28	2 6	2 47	3 20	20 5	1 18	9 8	1 18	3 31	1 3	6 14	2 5	9 54	0 23	3 48	1 59	34 9	11 24	17 38	17 55	22 39		n.a.
F 29	9 55	1 49	3 2	2 23	3 18	20 26	1 20	8 51	1 18	3 36	1 3	6 17	2 5	9 56	0 23	3 48	1 59	34 10	11 25	17 39	17 55	22 41		n.a.
S 30	10n16	3s50	3s49	1s56	3s15	20n46	1n22	8s34	1s18	3n42	1s 3	6n20	2s 5	9n57	0s23	3s47	1s59	34s10	11s25	17s41	17s56	22s43		n.a.

Julian Day Number = 1203954.5, Delta T = 09h19m42s
Ecliptic obliquity = 23°51'49, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'27, Lahiri = -23°30'27 Julian Calendar 1 Apr. 1417 BCE == Greg. Calendar 19 March 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

MAY 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 45 54	27♈ 6'27	12♎59	3♈38	26♉33	12♓16	11♈49	20♈57	26♈18	25♓11	16°R19	11°R 9	10♒22	19♏20	n.a.	S 1
M 2	13 49 51	28° 3'35	25° 2	4°44	27°45	12°59	12° 3	21° 5	26°22	25°13	16♑19	10♒57	10°19	19°27	n.a.	M 2
T 3	13 53 48	29° 0'42	6♏59	5°55	28°56	13°43	12°17	21°12	26°25	25°15	16°19	10°44	10°16	19°33	n.a.	T 3
W 4	13 57 44	29°57'49	18°54	7° 8	0♊ 8	14°26	12°30	21°20	26°29	25°16	16°19	10°30	10°12	19°40	n.a.	W 4
T 5	14 1 41	0♉54'55	0♐46	8°25	1°20	15°10	12°44	21°28	26°32	25°18	16°18	10°18	10° 9	19°47	n.a.	T 5
F 6	14 5 37	1°52'01	12°38	9°44	2°32	15°53	12°58	21°36	26°36	25°20	16°18	10° 8	10° 6	19°53	n.a.	F 6
S 7	14 9 34	2°49'07	24°32	11° 7	3°44	16°36	13°11	21°44	26°39	25°22	16°18	10° 1	10° 3	20° 0	n.a.	S 7
S 8	14 13 30	3°46'13	6♑32	12°34	4°55	17°19	13°25	21°52	26°43	25°24	16°18	9°56	10° 0	20° 7	n.a.	S 8
M 9	14 17 27	4°43'18	18°43	14° 3	6° 7	18° 2	13°38	22° 0	26°46	25°26	16°18	9°54	9°57	20°14	n.a.	M 9
T 10	14 21 24	5°40'24	1♒ 7	15°35	7°19	18°45	13°52	22° 7	26°50	25°28	16°17	9°53	9°53	20°20	n.a.	T 10
W11	14 25 20	6°37'29	13°52	17°10	8°30	19°28	14° 5	22°15	26°53	25°30	16°17	9°53	9°50	20°27	n.a.	W11
T 12	14 29 17	7°34'34	27° 0	18°49	9°42	20°11	14°19	22°23	26°57	25°31	16°17	9°52	9°47	20°34	n.a.	T 12
F 13	14 33 13	8°31'39	10♓35	20°30	10°53	20°54	14°32	22°31	27° 0	25°33	16°16	9°50	9°44	20°41	n.a.	F 13
S 14	14 37 10	9°28'45	24°41	22°14	12° 5	21°37	14°45	22°38	27° 4	25°35	16°16	9°46	9°41	20°47	n.a.	S 14
S 15	14 41 6	10°25'50	9♈14	24° 1	13°16	22°20	14°59	22°46	27° 7	25°37	16°16	9°39	9°37	20°54	n.a.	S 15
M16	14 45 3	11°22'55	24°11	25°51	14°27	23° 2	15°12	22°54	27°11	25°38	16°15	9°29	9°34	21° 1	n.a.	M16
T 17	14 48 59	12°20'00	9♉25	27°44	15°39	23°45	15°25	23° 1	27°14	25°40	16°15	9°19	9°31	21° 7	n.a.	T 17
W18	14 52 56	13°17'06	24°43	29°39	16°50	24°27	15°38	23° 9	27°18	25°42	16°15	9° 8	9°28	21°14	n.a.	W18
T 19	14 56 53	14°14'11	9♊55	1♉37	18° 1	25°10	15°51	23°17	27°21	25°43	16°14	8°59	9°25	21°21	n.a.	T 19
F 20	15 0 49	15°11'16	24°50	3°36	19°12	25°52	16° 5	23°24	27°24	25°45	16°14	8°51	9°22	21°28	n.a.	F 20
S 21	15 4 46	16° 8'21	9♋23	5°38	20°23	26°34	16°18	23°32	27°28	25°46	16°13	8°47	9°18	21°34	n.a.	S 21
S 22	15 8 42	17° 5'26	23°28	7°42	21°34	27°17	16°31	23°39	27°31	25°48	16°13	8°44	9°15	21°41	n.a.	S 22
M23	15 12 39	18° 2'30	7♌ 5	9°48	22°45	27°59	16°43	23°47	27°35	25°50	16°12	8°D44	9°12	21°48	n.a.	M23
T 24	15 16 35	18°59'35	20°17	11°55	23°56	28°41	16°56	23°54	27°38	25°51	16°11	8°R44	9° 9	21°54	n.a.	T 24
W25	15 20 32	19°56'39	3♍ 7	14° 3	25° 7	29°23	17° 9	24° 2	27°41	25°53	16°11	8°43	9° 6	22° 1	n.a.	W25
T 26	15 24 29	20°53'42	15°39	16°12	26°18	0♈ 5	17°22	24° 9	27°45	25°54	16°10	8°41	9° 2	22° 8	n.a.	T 26
F 27	15 28 25	21°50'46	27°57	18°21	27°29	0°46	17°35	24°17	27°48	25°56	16°10	8°37	8°59	22°15	n.a.	F 27
S 28	15 32 22	22°47'50	10♎ 5	20°31	28°39	1°28	17°47	24°24	27°51	25°57	16° 9	8°29	8°56	22°21	n.a.	S 28
S 29	15 36 18	23°44'54	22° 5	22°40	29°50	2°10	18° 0	24°31	27°54	25°58	16° 8	8°20	8°53	22°28	n.a.	S 29
M30	15 40 15	24°41'58	4♏ 1	24°50	1♋ 0	2°51	18°12	24°38	27°58	26° 0	16° 8	8° 8	8°50	22°35	n.a.	M30
T 31	15 44 11	25♉39'03	15♏55	26♉58	2♋11	3♈33	18♈25	24♈46	28♈ 1	26♓ 1	16♑ 7	7♒55	8♒47	22♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	10n37	9s16	4s25	1s28	3s12	21n 5	1n24	8s17	1s18	3n47	1s 3	6n23	2s 5	9n58	0s23	3s46	1s59	34s10	11s25	17s44	17s57	22s45			n.a.
M 2	10 58	14 19	4 49	0 57	3 8	21 24	1 26	8 0	1 18	3 53	1 3	6 26	2 5	9 59	0 23	3 45	1 59	34 11	11 26	17 48	17 58	22 47			n.a.
T 3	11 19	18 47	4 59	0 25	3 3	21 42	1 28	7 43	1 18	3 58	1 3	6 29	2 5	10 1	0 23	3 45	1 59	34 11	11 26	17 51	17 59	22 48			n.a.
W 4	11 39	22 30	4 57	0n10	2 58	22 0	1 30	7 25	1 18	4 3	1 3	6 32	2 5	10 2	0 23	3 44	1 59	34 11	11 26	17 55	18 0	22 50			n.a.
T 5	12 0	25 15	4 41	0 46	2 52	22 17	1 32	7 8	1 18	4 9	1 3	6 35	2 5	10 3	0 23	3 43	1 59	34 12	11 27	17 58	18 1	22 52			n.a.
F 6	12 20	26 54	4 14	1 24	2 45	22 34	1 34	6 51	1 18	4 14	1 3	6 38	2 5	10 5	0 23	3 42	1 59	34 12	11 27	18 1	18 2	22 54			n.a.
S 7	12 40	27 20	3 35	2 4	2 38	22 50	1 35	6 34	1 17	4 20	1 3	6 41	2 5	10 6	0 23	3 42	1 59	34 12	11 27	18 3	18 2	22 55			n.a.
S 8	13 0	26 28	2 46	2 45	2 30	23 5	1 37	6 17	1 17	4 25	1 3	6 44	2 5	10 7	0 23	3 41	2 0	34 13	11 28	18 4	18 3	22 57			n.a.
M 9	13 19	24 20	1 49	3 28	2 22	23 20	1 39	5 59	1 17	4 30	1 3	6 47	2 5	10 9	0 23	3 40	2 0	34 13	11 28	18 5	18 4	22 59			n.a.
T 10	13 39	21 1	0 46	4 12	2 13	23 34	1 40	5 42	1 17	4 36	1 3	6 50	2 5	10 10	0 23	3 39	2 0	34 13	11 28	18 5	18 5	23 1			n.a.
W11	13 58	16 37	0n21	4 57	2 4	23 47	1 42	5 25	1 17	4 41	1 3	6 53	2 5	10 11	0 23	3 39	2 0	34 14	11 29	18 5	18 6	23 2			n.a.
T 12	14 17	11 20	1 29	5 44	1 54	24 0	1 43	5 7	1 17	4 46	1 3	6 56	2 5	10 12	0 23	3 38	2 0	34 14	11 29	18 5	18 7	23 4			n.a.
F 13	14 36	5 21	2 35	6 32	1 44	24 12	1 45	4 50	1 16	4 51	1 3	6 59	2 5	10 14	0 23	3 37	2 0	34 15	11 29	18 6	18 8	23 6			n.a.
S 14	14 54	1n 6	3 33	7 22	1 34	24 24	1 46	4 33	1 16	4 57	1 3	7 2	2 5	10 15	0 23	3 37	2 0	34 15	11 30	18 7	18 9	23 7			n.a.
S 15	15 13	7 41	4 19	8 12	1 23	24 34	1 47	4 15	1 16	5 2	1 3	7 5	2 5	10 16	0 23	3 36	2 0	34 15	11 30	18 9	18 9	23 9			n.a.
M16	15 31	14 1	4 50	9 3	1 12	24 44	1 49	3 58	1 16	5 7	1 3	7 8	2 5	10 18	0 23	3 35	2 0	34 16	11 30	18 12	18 10	23 11			n.a.
T 17	15 49	19 37	5 0	9 54	1 1	24 54	1 50	3 41	1 16	5 12	1 3	7 10	2 5	10 19	0 23	3 35	2 0	34 16	11 30	18 14	18 11	23 13			n.a.
W18	16 6	23 57	4 49	10 46	0 50	25 2	1 51	3 23	1 15	5 17	1 3	7 13	2 5	10 20	0 23	3 34	2 0	34 16	11 31	18 17	18 12	23 14			n.a.
T 19	16 24	26 35	4 18	11 39	0 38	25 10	1 52	3 6	1 15	5 23	1 3	7 16	2 5	10 21	0 23	3 34	2 0	34 17	11 31	18 20	18 13	23 16			n.a.
F 20	16 41	27 15	3 30	12 31	0 27	25 17	1 53	2 49	1 15	5 28	1 3	7 19	2 5	10 23	0 23	3 33	2 0	34 17	11 31	18 22	18 14	23 18			n.a.
S 21	16 58	26 0	2 28	13 23	0 16	25 24	1 53	2 32	1 15	5 33	1 3	7 22	2 5	10 24	0 23	3 32	2 0	34 17	11 32	18 23	18 15	23 19			n.a.
S 22	17 14	23 6	1 20	14 15	0 5	25 29	1 54	2 14	1 14	5 38	1 3	7 25	2 5	10 25	0 23	3 32	2 0	34 18	11 32	18 24	18 15	23 21			n.a.
M23	17 30	18 58	0 9	15 6	0n 6	25 34	1 55	1 57	1 14	5 43	1 3	7 27	2 5	10 26	0 23	3 31	2 0	34 18	11 32	18 24	18 16	23 22			n.a.
T 24	17 47	14 1	1s 1	15 57	0 17	25 39	1 55	1 40	1 14	5 48	1 3	7 30	2 5	10 27	0 23	3 31	2 0	34 19	11 33	18 24	18 17	23 24			n.a.
W25	18 2	8 36	2 5	16 46	0 27	25 42	1 56	1 23	1 14	5 53	1 3	7 33	2 5	10 29	0 23	3 30	2 0	34 19	11 33	18 24	18 18	23 26			n.a.
T 26	18 18	2 58	3 2	17 34	0 37	25 45	1 56	1 5	1 13	5 58	1 3	7 35	2 5	10 30	0 23	3 30	2 0	34 19	11 33	18 24	18 19	23 27			n.a.
F 27	18 33	2s40	3 49	18 21	0 47	25 47	1 57	0 48	1 13	6 3	1 3	7 38	2 5	10 31	0 23	3 29	2 0	34 20	11 34	18 26	18 20	23 29			n.a.
S 28	18 48	8 6	4 25	19 5	0 56	25 48	1 57	0 31	1 13	6 7	1 3	7 41	2 5	10 32	0 23	3 29	2 1	34 20	11 34	18 28	18 21	23 31			n.a.
S 29	19 2	13 12	4 49	19 48	1 4	25 49	1 57	0 14	1 13	6 12	1 4	7 43	2 5	10 33	0 23	3 28	2 1	34 20	11 34	18 30	18 21	23 32			n.a.
M30	19 17	17 46	5 0	20 29	1 12	25 49	1 57	0n 3	1 12	6 17	1 4	7 46	2 6	10 35	0 23	3 28	2 1	34 21	11 34	18 33	18 22	23 34			n.a.
T 31	19n31	21s38	4s58	21n 7	1n19	25n48	1n57	0n20	1s12	6n22	1s 4	7n49	2s 6	10n36	0s23	3s27	2s 1	34s21	11s35	18s37	18s23	23s35			n.a.

Julian Day Number = 1203984.5, Delta T = 09h19m40s
Ecliptic obliquity = 23°51'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'23, Lahiri = -23°30'23 Julian Calendar 1 May 1417 BCE == Greg. Calendar 18 Apr. 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

JUNE 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 48 8	26♉36'08	27♏47	29♉ 6	3♋21	4♈14	18♈37	24♈53	28♈ 4	26♓ 2	16°R 6	7°R42	8♒43	22♏48	n.a.	W 1
T 2	15 52 4	27°33'13	9♐40	1♊14	4°32	4°56	18°50	25° 0	28° 7	26° 4	16♑ 5	7♒31	8°40	22°55	n.a.	T 2
F 3	15 56 1	28°30'19	21°35	3°20	5°42	5°37	19° 2	25° 7	28°11	26° 5	16° 5	7°21	8°37	23° 2	n.a.	F 3
S 4	15 59 58	29°27'26	3♑34	5°24	6°52	6°18	19°14	25°14	28°14	26° 6	16° 4	7°14	8°34	23° 8	n.a.	S 4
S 5	16 3 54	0♊24'33	15°39	7°28	8° 2	6°59	19°26	25°21	28°17	26° 7	16° 3	7° 9	8°31	23°15	n.a.	S 5
M 6	16 7 51	1°21'41	27°53	9°30	9°12	7°40	19°38	25°28	28°20	26° 9	16° 2	7° 7	8°28	23°22	n.a.	M 6
T 7	16 11 47	2°18'50	10♒21	11°30	10°22	8°21	19°50	25°35	28°23	26°10	16° 1	7°D 7	8°24	23°29	n.a.	T 7
W 8	16 15 44	3°15'59	23° 5	13°29	11°32	9° 2	20° 2	25°42	28°26	26°11	16° 0	7° 7	8°21	23°35	n.a.	W 8
T 9	16 19 40	4°13'10	6♓11	15°26	12°42	9°43	20°14	25°49	28°29	26°12	16° 0	7°R 8	8°18	23°42	n.a.	T 9
F 10	16 23 37	5°10'21	19°41	17°21	13°52	10°23	20°26	25°55	28°32	26°13	15°59	7° 7	8°15	23°49	n.a.	F 10
S 11	16 27 34	6° 7'34	3♈38	19°15	15° 2	11° 4	20°38	26° 2	28°35	26°14	15°58	7° 4	8°12	23°55	n.a.	S 11
S 12	16 31 30	7° 4'47	18° 2	21° 7	16°11	11°44	20°49	26° 9	28°38	26°15	15°57	6°59	8° 8	24° 2	n.a.	S 12
M13	16 35 27	8° 2'02	2♉50	22°57	17°21	12°25	21° 1	26°16	28°41	26°16	15°56	6°52	8° 5	24° 9	n.a.	M13
T 14	16 39 23	8°59'18	17°56	24°45	18°30	13° 5	21°12	26°22	28°44	26°17	15°55	6°44	8° 2	24°16	n.a.	T 14
W15	16 43 20	9°56'34	3♊10	26°32	19°40	13°45	21°24	26°29	28°47	26°18	15°54	6°35	7°59	24°22	n.a.	W15
T 16	16 47 16	10°53'52	18°23	28°17	20°49	14°26	21°35	26°35	28°50	26°19	15°53	6°28	7°56	24°29	n.a.	T 16
F 17	16 51 13	11°51'11	3♋23	0♌ 0	21°58	15° 6	21°46	26°42	28°52	26°20	15°52	6°22	7°53	24°36	n.a.	F 17
S 18	16 55 9	12°48'30	18° 2	1°42	23° 7	15°46	21°57	26°48	28°55	26°20	15°51	6°18	7°49	24°42	n.a.	S 18
S 19	16 59 6	13°45'50	2♌14	3°22	24°16	16°26	22° 8	26°54	28°58	26°21	15°50	6°D17	7°46	24°49	n.a.	S 19
M20	17 3 3	14°43'11	15°59	5° 0	25°25	17° 5	22°19	27° 0	29° 1	26°22	15°49	6°17	7°43	24°56	n.a.	M20
T 21	17 6 59	15°40'33	29°16	6°36	26°34	17°45	22°30	27° 7	29° 3	26°23	15°48	6°18	7°40	25° 3	n.a.	T 21
W22	17 10 56	16°37'55	12♍ 9	8°11	27°43	18°25	22°41	27°13	29° 6	26°23	15°47	6°R19	7°37	25° 9	n.a.	W22
T 23	17 14 52	17°35'18	24°41	9°44	28°51	19° 4	22°52	27°19	29° 9	26°24	15°45	6°19	7°34	25°16	n.a.	T 23
F 24	17 18 49	18°32'42	6♎58	11°16	29°59	19°43	23° 2	27°25	29°11	26°25	15°44	6°17	7°30	25°23	n.a.	F 24
S 25	17 22 45	19°30'07	19° 3	12°45	1♏ 8	20°23	23°13	27°31	29°14	26°25	15°43	6°13	7°27	25°30	n.a.	S 25
S 26	17 26 42	20°27'33	1♏ 0	14°13	2°17	21° 2	23°23	27°37	29°16	26°26	15°42	6° 8	7°24	25°36	n.a.	S 26
M27	17 30 39	21°25'00	12°53	15°39	3°25	21°41	23°33	27°42	29°19	26°26	15°41	6° 1	7°21	25°43	n.a.	M27
T 28	17 34 35	22°22'28	24°45	17° 3	4°33	22°20	23°44	27°48	29°21	26°27	15°40	5°53	7°18	25°50	n.a.	T 28
W29	17 38 32	23°19'57	6♐39	18°26	5°41	22°59	23°54	27°54	29°24	26°27	15°39	5°45	7°14	25°56	n.a.	W29
T 30	17 42 28	24♊17'28	18♐35	19♋46	6♌49	23♈38	24♈ 4	27♈59	29♈26	26♓28	15♑37	5♒37	7♒11	26♏ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n44	24s36	4s43	21n43	1n26	25n46	1n57	0n37	1s12	6n27	1s 4	7n51	2s 6	10n37	0s23	3s27	2s 1	34s22	11s35	18s40	18s24	23s37		n.a.
T 2	19 58	26 30	4 15	22 16	1 32	25 44	1 57	0 54	1 11	6 31	1 4	7 54	2 6	10 38	0 23	3 26	2 1	34 22	11 35	18 43	18 25	23 39		n.a.
F 3	20 11	27 12	3 37	22 47	1 37	25 41	1 57	1 11	1 11	6 36	1 4	7 56	2 6	10 39	0 23	3 26	2 1	34 22	11 35	18 46	18 26	23 40		n.a.
S 4	20 23	26 37	2 48	23 15	1 41	25 37	1 56	1 28	1 11	6 41	1 4	7 59	2 6	10 40	0 23	3 25	2 1	34 23	11 36	18 47	18 26	23 42		n.a.
S 5	20 36	24 46	1 52	23 40	1 45	25 32	1 56	1 45	1 10	6 45	1 4	8 2	2 6	10 42	0 23	3 25	2 1	34 23	11 36	18 49	18 27	23 43		n.a.
M 6	20 48	21 45	0 49	24 3	1 48	25 27	1 55	2 2	1 10	6 50	1 4	8 4	2 6	10 43	0 23	3 24	2 1	34 23	11 36	18 49	18 28	23 45		n.a.
T 7	20 59	17 41	0n17	24 23	1 51	25 21	1 54	2 18	1 9	6 55	1 4	8 6	2 6	10 44	0 23	3 24	2 1	34 24	11 37	18 49	18 29	23 46		n.a.
W 8	21 11	12 44	1 24	24 41	1 53	25 14	1 54	2 35	1 9	6 59	1 4	8 9	2 6	10 45	0 23	3 24	2 1	34 24	11 37	18 49	18 30	23 48		n.a.
T 9	21 22	7 7	2 29	24 56	1 54	25 7	1 53	2 52	1 9	7 4	1 4	8 11	2 6	10 46	0 23	3 23	2 1	34 24	11 37	18 49	18 31	23 49		n.a.
F 10	21 32	1 0	3 27	25 9	1 54	24 59	1 52	3 8	1 8	7 8	1 4	8 14	2 6	10 47	0 23	3 23	2 1	34 25	11 37	18 49	18 31	23 51		n.a.
S 11	21 43	5n21	4 15	25 19	1 54	24 50	1 51	3 25	1 8	7 12	1 4	8 16	2 6	10 48	0 23	3 22	2 1	34 25	11 37	18 50	18 32	23 52		n.a.
S 12	21 53	11 37	4 48	25 27	1 53	24 41	1 50	3 41	1 8	7 17	1 4	8 19	2 7	10 49	0 23	3 22	2 1	34 26	11 38	18 51	18 33	23 54		n.a.
M13	22 2	17 25	5 4	25 32	1 52	24 30	1 48	3 58	1 7	7 21	1 4	8 21	2 7	10 50	0 23	3 22	2 2	34 26	11 38	18 53	18 34	23 55		n.a.
T 14	22 11	22 15	4 59	25 35	1 50	24 20	1 47	4 14	1 7	7 25	1 4	8 23	2 7	10 51	0 23	3 21	2 2	34 26	11 38	18 55	18 35	23 57		n.a.
W15	22 20	25 37	4 33	25 37	1 48	24 8	1 46	4 30	1 6	7 30	1 4	8 26	2 7	10 52	0 23	3 21	2 2	34 27	11 38	18 57	18 36	23 58		n.a.
T 16	22 28	27 7	3 47	25 36	1 45	23 56	1 44	4 47	1 6	7 34	1 4	8 28	2 7	10 53	0 23	3 21	2 2	34 27	11 39	18 59	18 36	24 0		n.a.
F 17	22 36	26 36	2 47	25 33	1 41	23 43	1 42	5 3	1 5	7 38	1 4	8 30	2 7	10 54	0 23	3 21	2 2	34 27	11 39	19 1	18 37	24 1		n.a.
S 18	22 44	24 13	1 36	25 28	1 37	23 30	1 41	5 19	1 5	7 42	1 4	8 32	2 7	10 55	0 23	3 20	2 2	34 28	11 39	19 2	18 38	24 3		n.a.
S 19	22 51	20 22	0 22	25 22	1 33	23 16	1 39	5 35	1 4	7 46	1 5	8 34	2 7	10 56	0 23	3 20	2 2	34 28	11 39	19 2	18 39	24 4		n.a.
M20	22 58	15 30	0s52	25 14	1 28	23 1	1 37	5 51	1 4	7 51	1 5	8 37	2 7	10 57	0 23	3 20	2 2	34 28	11 39	19 2	18 40	24 6		n.a.
T 21	23 5	10 3	2 0	25 4	1 23	22 46	1 35	6 7	1 4	7 55	1 5	8 39	2 7	10 58	0 23	3 20	2 2	34 29	11 40	19 2	18 41	24 7		n.a.
W22	23 11	4 21	3 1	24 53	1 17	22 30	1 33	6 22	1 3	7 59	1 5	8 41	2 8	10 59	0 23	3 19	2 2	34 29	11 40	19 1	18 41	24 9		n.a.
T 23	23 16	1s22	3 51	24 41	1 11	22 13	1 30	6 38	1 3	8 3	1 5	8 43	2 8	11 0	0 23	3 19	2 2	34 29	11 40	19 1	18 42	24 10		n.a.
F 24	23 22	6 55	4 29	24 27	1 4	21 56	1 28	6 54	1 2	8 6	1 5	8 45	2 8	11 1	0 23	3 19	2 2	34 30	11 40	19 2	18 43	24 12		n.a.
S 25	23 26	12 6	4 54	24 12	0 58	21 39	1 25	7 9	1 2	8 10	1 5	8 47	2 8	11 2	0 23	3 19	2 2	34 30	11 40	19 3	18 44	24 13		n.a.
S 26	23 31	16 48	5 7	23 55	0 50	21 21	1 23	7 24	1 1	8 14	1 5	8 49	2 8	11 3	0 23	3 19	2 2	34 30	11 41	19 4	18 45	24 14		n.a.
M27	23 35	20 49	5 6	23 38	0 43	21 2	1 20	7 40	1 1	8 18	1 5	8 51	2 8	11 4	0 23	3 18	2 3	34 31	11 41	19 6	18 46	24 16		n.a.
T 28	23 38	24 0	4 51	23 20	0 35	20 43	1 17	7 55	1 0	8 22	1 5	8 53	2 8	11 5	0 23	3 18	2 3	34 31	11 41	19 8	18 46	24 17		n.a.
W29	23 41	26 9	4 25	23 1	0 27	20 23	1 14	8 10	0 59	8 25	1 5	8 55	2 9	11 6	0 23	3 18	2 3	34 31	11 41	19 10	18 47	24 19		n.a.
T 30	23n44	27s 7	3s46	22n41	0n18	20n 3	1n11	8n25	0s59	8n29	1s 5	8n57	2s 9	11n 6	0s23	3s18	2s 3	34s32	11s41	19s12	18s48	24s20		n.a.

Julian Day Number = 1204015.5, Delta T = 09h19m38s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'19, Lahiri = -23°30'19 Julian Calendar 1 June 1417 BCE == Greg. Calendar 19 May 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

JULY 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 46 25	25♊15'00	0♑37	21♋ 5	7♌56	24♈17	24♈13	28♈ 5	29♈28	26♓28	15°R36	5°R31	7♒ 8	26♏10	n.a.	F 1
S 2	17 50 21	26°12'33	12°44	22°22	9° 4	24°55	24°23	28°10	29°31	26°29	15♑35	5♒27	7° 5	26°17	n.a.	S 2
S 3	17 54 18	27°10'08	25° 0	23°37	10°11	25°34	24°33	28°16	29°33	26°29	15°34	5°25	7° 2	26°23	n.a.	S 3
M 4	17 58 14	28° 7'44	7♒26	24°49	11°19	26°12	24°42	28°21	29°35	26°29	15°33	5°D24	6°59	26°30	n.a.	M 4
T 5	18 2 11	29° 5'22	20° 4	26° 0	12°26	26°50	24°52	28°26	29°37	26°30	15°31	5°25	6°55	26°37	n.a.	T 5
W 6	18 6 8	0♋ 3'02	2♓56	27° 8	13°33	27°29	25° 1	28°31	29°39	26°30	15°30	5°27	6°52	26°43	n.a.	W 6
T 7	18 10 4	1° 0'43	16° 6	28°14	14°40	28° 7	25°10	28°36	29°41	26°30	15°29	5°28	6°49	26°50	n.a.	T 7
F 8	18 14 1	1°58'26	29°35	29°18	15°47	28°45	25°19	28°41	29°43	26°30	15°28	5°R29	6°46	26°57	n.a.	F 8
S 9	18 17 57	2°56'11	13♈26	0♌19	16°53	29°23	25°28	28°46	29°45	26°30	15°26	5°28	6°43	27° 4	n.a.	S 9
S 10	18 21 54	3°53'57	27°38	1°17	18° 0	0♉ 0	25°37	28°51	29°47	26°31	15°25	5°27	6°40	27°10	n.a.	S 10
M11	18 25 50	4°51'46	12♉ 9	2°13	19° 6	0°38	25°46	28°56	29°49	26°31	15°24	5°24	6°36	27°17	n.a.	M11
T 12	18 29 47	5°49'37	26°57	3° 5	20°12	1°15	25°54	29° 0	29°51	26°31	15°23	5°20	6°33	27°24	n.a.	T 12
W13	18 33 43	6°47'29	11♊53	3°55	21°18	1°53	26° 3	29° 5	29°53	26°R31	15°21	5°16	6°30	27°30	n.a.	W13
T 14	18 37 40	7°45'24	26°50	4°41	22°24	2°30	26°11	29°10	29°55	26°31	15°20	5°12	6°27	27°37	n.a.	T 14
F 15	18 41 37	8°43'20	11♋40	5°24	23°30	3° 7	26°19	29°14	29°57	26°31	15°19	5° 9	6°24	27°44	n.a.	F 15
S 16	18 45 33	9°41'18	26°13	6° 3	24°35	3°44	26°27	29°18	29°58	26°31	15°17	5° 8	6°20	27°51	n.a.	S 16
S 17	18 49 30	10°39'17	10♌26	6°38	25°41	4°21	26°35	29°22	0♉ 0	26°30	15°16	5°D 8	6°17	27°57	n.a.	S 17
M18	18 53 26	11°37'18	24°13	7° 9	26°46	4°58	26°43	29°27	0° 2	26°30	15°15	5° 9	6°14	28° 4	n.a.	M18
T 19	18 57 23	12°35'21	7♍35	7°36	27°51	5°35	26°51	29°31	0° 3	26°30	15°14	5°10	6°11	28°11	n.a.	T 19
W20	19 1 19	13°33'25	20°32	7°57	28°55	6°12	26°58	29°35	0° 5	26°30	15°12	5°12	6° 8	28°17	n.a.	W20
T 21	19 5 16	14°31'31	3♎ 8	8°14	29°59	6°48	27° 6	29°39	0° 6	26°30	15°11	5°13	6° 5	28°24	n.a.	T 21
F 22	19 9 12	15°29'38	15°27	8°26	1♍ 4	7°24	27°13	29°42	0° 8	26°29	15°10	5°R13	6° 1	28°31	n.a.	F 22
S 23	19 13 9	16°27'47	27°33	8°32	2° 8	8° 0	27°20	29°46	0° 9	26°29	15° 8	5°13	5°58	28°38	n.a.	S 23
S 24	19 17 6	17°25'57	9♏30	8°R32	3°12	8°36	27°27	29°50	0°10	26°29	15° 7	5°12	5°55	28°44	n.a.	S 24
M25	19 21 2	18°24'09	21°22	8°26	4°16	9°12	27°34	29°53	0°12	26°28	15° 6	5°10	5°52	28°51	n.a.	M25
T 26	19 24 59	19°22'23	3♐15	8°14	5°19	9°48	27°40	29°56	0°13	26°28	15° 4	5° 7	5°49	28°58	n.a.	T 26
W27	19 28 55	20°20'39	15°10	7°55	6°22	10°24	27°47	29°59	0°14	26°27	15° 3	5° 5	5°46	29° 4	n.a.	W27
T 28	19 32 52	21°18'56	27°12	7°31	7°25	10°59	27°53	0♉ 3	0°15	26°27	15° 2	5° 3	5°42	29°11	n.a.	T 28
F 29	19 36 48	22°17'16	9♑22	6°59	8°28	11°35	27°59	0° 6	0°16	26°26	15° 1	5° 1	5°39	29°18	n.a.	F 29
S 30	19 40 45	23°15'37	21°42	6°22	9°30	12°10	28° 5	0° 9	0°18	26°26	14°59	5° 0	5°36	29°25	n.a.	S 30
S 31	19 44 41	24♋14'00	4♒14	5♌38	10♍32	12♉45	28♈11	0♉12	0♉19	26♓25	14♑58	5°D 0	5♒33	29♏31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	26s49	2s57	22n20	0n10	19n42	1n 8	8n40	0s58	8n33	1s 5	8n59	2s 9	11n 7	0s23	3s18	2s 3	34s32	11s41	19s13	18s49	24s21		n.a.
S 2	23 48	25 14	2 0	21 59	0 0	19 21	1 5	8 55	0 58	8 36	1 5	9 0	2 9	11 8	0 23	3 18	2 3	34 32	11 42	19 14	18 50	24 23		n.a.
S 3	23 50	22 26	0 56	21 37	0s 9	19 0	1 2	9 10	0 57	8 40	1 6	9 2	2 9	11 9	0 23	3 18	2 3	34 33	11 42	19 15	18 51	24 24		n.a.
M 4	23 51	18 34	0n11	21 15	0 18	18 38	0 59	9 25	0 57	8 43	1 6	9 4	2 9	11 10	0 23	3 18	2 3	34 33	11 42	19 15	18 51	24 25		n.a.
T 5	23 52	13 48	1 19	20 52	0 28	18 15	0 55	9 39	0 56	8 47	1 6	9 6	2 9	11 10	0 23	3 18	2 3	34 33	11 42	19 15	18 52	24 27		n.a.
W 6	23 52	8 22	2 24	20 29	0 38	17 52	0 51	9 54	0 56	8 50	1 6	9 7	2 10	11 11	0 23	3 18	2 3	34 33	11 42	19 15	18 53	24 28		n.a.
T 7	23 52	2 27	3 24	20 6	0 48	17 29	0 48	10 8	0 55	8 53	1 6	9 9	2 10	11 12	0 23	3 18	2 3	34 34	11 42	19 14	18 54	24 29		n.a.
F 8	23 51	3n42	4 13	19 42	0 59	17 5	0 44	10 22	0 54	8 57	1 6	9 11	2 10	11 13	0 23	3 18	2 3	34 34	11 42	19 14	18 55	24 31		n.a.
S 9	23 50	9 49	4 50	19 19	1 9	16 41	0 40	10 37	0 54	9 0	1 6	9 12	2 10	11 13	0 23	3 18	2 3	34 34	11 43	19 14	18 55	24 32		n.a.
S 10	23 48	15 37	5 10	18 56	1 20	16 17	0 36	10 51	0 53	9 3	1 6	9 14	2 10	11 14	0 23	3 18	2 3	34 35	11 43	19 15	18 56	24 33		n.a.
M11	23 46	20 40	5 10	18 33	1 30	15 52	0 32	11 5	0 52	9 6	1 6	9 16	2 10	11 15	0 23	3 18	2 4	34 35	11 43	19 15	18 57	24 35		n.a.
T 12	23 44	24 31	4 51	18 10	1 41	15 27	0 28	11 19	0 52	9 9	1 6	9 17	2 10	11 15	0 23	3 18	2 4	34 35	11 43	19 16	18 58	24 36		n.a.
W13	23 41	26 46	4 11	17 48	1 52	15 1	0 24	11 32	0 51	9 12	1 7	9 19	2 11	11 16	0 23	3 18	2 4	34 35	11 43	19 17	18 59	24 37		n.a.
T 14	23 38	27 4	3 15	17 26	2 3	14 36	0 19	11 46	0 51	9 15	1 7	9 20	2 11	11 17	0 23	3 18	2 4	34 36	11 43	19 18	18 59	24 39		n.a.
F 15	23 34	25 25	2 5	17 5	2 14	14 9	0 15	11 59	0 50	9 18	1 7	9 21	2 11	11 17	0 23	3 18	2 4	34 36	11 43	19 19	19 0	24 40		n.a.
S 16	23 30	22 5	0 49	16 45	2 25	13 43	0 10	12 13	0 49	9 21	1 7	9 23	2 11	11 18	0 23	3 18	2 4	34 36	11 43	19 19	19 1	24 41		n.a.
S 17	23 26	17 28	0s29	16 26	2 36	13 16	0 6	12 26	0 49	9 24	1 7	9 24	2 11	11 18	0 23	3 18	2 4	34 36	11 43	19 19	19 2	24 42		n.a.
M18	23 21	12 4	1 43	16 8	2 46	12 50	0 1	12 39	0 48	9 26	1 7	9 25	2 11	11 19	0 23	3 18	2 4	34 37	11 43	19 19	19 3	24 44		n.a.
T 19	23 15	6 16	2 49	15 51	2 57	12 22	0s 4	12 52	0 47	9 29	1 7	9 27	2 12	11 20	0 23	3 18	2 4	34 37	11 43	19 19	19 3	24 45		n.a.
W20	23 9	0 23	3 44	15 35	3 7	11 55	0 9	13 5	0 46	9 32	1 7	9 28	2 12	11 20	0 23	3 19	2 4	34 37	11 43	19 18	19 4	24 46		n.a.
T 21	23 3	5s21	4 27	15 22	3 17	11 27	0 14	13 18	0 46	9 34	1 7	9 29	2 12	11 21	0 23	3 19	2 4	34 37	11 44	19 18	19 5	24 47		n.a.
F 22	22 57	10 44	4 57	15 9	3 27	10 59	0 19	13 31	0 45	9 37	1 7	9 30	2 12	11 21	0 23	3 19	2 4	34 37	11 44	19 18	19 6	24 49		n.a.
S 23	22 50	15 37	5 12	14 59	3 36	10 31	0 24	13 44	0 44	9 39	1 8	9 32	2 12	11 22	0 23	3 19	2 4	34 38	11 44	19 18	19 7	24 50		n.a.
S 24	22 42	19 52	5 14	14 51	3 44	10 3	0 29	13 56	0 44	9 42	1 8	9 33	2 13	11 22	0 23	3 19	2 4	34 38	11 44	19 18	19 7	24 51		n.a.
M25	22 34	23 17	5 3	14 45	3 52	9 35	0 35	14 8	0 43	9 44	1 8	9 34	2 13	11 23	0 23	3 20	2 5	34 38	11 44	19 19	19 8	24 52		n.a.
T 26	22 26	25 43	4 38	14 41	3 59	9 6	0 40	14 21	0 42	9 46	1 8	9 35	2 13	11 23	0 23	3 20	2 5	34 38	11 44	19 19	19 9	24 54		n.a.
W27	22 17	27 1	4 2	14 41	4 4	8 38	0 45	14 33	0 41	9 49	1 8	9 36	2 13	11 23	0 23	3 20	2 5	34 38	11 44	19 20	19 10	24 55		n.a.
T 28	22 8	27 4	3 14	14 42	4 9	8 9	0 51	14 45	0 41	9 51	1 8	9 37	2 13	11 24	0 23	3 20	2 5	34 39	11 44	19 20	19 11	24 56		n.a.
F 29	21 59	25 48	2 17	14 47	4 12	7 40	0 57	14 57	0 40	9 53	1 8	9 38	2 13	11 24	0 23	3 21	2 5	34 39	11 44	19 21	19 11	24 57		n.a.
S 30	21 49	23 17	1 13	14 55	4 14	7 11	1 2	15 8	0 39	9 55	1 8	9 39	2 14	11 25	0 23	3 21	2 5	34 39	11 44	19 21	19 12	24 58		n.a.
S 31	21n39	19s36	0s 4	15n 5	4s15	6n42	1s 8	15n20	0s38	9n57	1s 9	9n39	2s14	11n25	0s23	3s21	2s 5	34s39	11s44	19s21	19s13	24s59		n.a.

Julian Day Number = 1204045.5, Delta T = 09h19m37s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'15, Lahiri = -23°30'15 Julian Calendar 1 July 1417 BCE == Greg. Calendar 18 June 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

AUGUST 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 48 38	25♋12'25	16♒58	4°R49	11♍34	13♉20	28♈17	0♉15	0♉19	26°R25	14°R57	5♒ 0	5♒30	29♏38	n.a.	M 1
T 2	19 52 35	26°10'53	29°55	3♌56	12°36	13°55	28°22	0°18	0°20	26♓24	14♑56	5° 1	5°26	29°45	n.a.	T 2
W 3	19 56 31	27° 9'22	13♓ 5	2°58	13°37	14°29	28°27	0°20	0°21	26°23	14°54	5° 2	5°23	29°51	n.a.	W 3
T 4	20 0 28	28° 7'54	26°29	1°57	14°38	15° 4	28°33	0°23	0°22	26°23	14°53	5° 2	5°20	29°58	n.a.	T 4
F 5	20 4 24	29° 6'28	10♈ 7	0°55	15°38	15°38	28°38	0°25	0°23	26°22	14°52	5° 3	5°17	0♐ 5	n.a.	F 5
S 6	20 8 21	0♌ 5'04	23°59	29♋53	16°38	16°12	28°42	0°27	0°23	26°21	14°51	5°R 3	5°14	0°12	n.a.	S 6
S 7	20 12 17	1° 3'43	8♉ 5	28°52	17°38	16°46	28°47	0°29	0°24	26°20	14°49	5° 3	5°11	0°18	n.a.	S 7
M 8	20 16 14	2° 2'25	22°22	27°53	18°38	17°20	28°51	0°32	0°25	26°20	14°48	5° 3	5° 7	0°25	n.a.	M 8
T 9	20 20 10	3° 1'09	6♊47	26°59	19°37	17°54	28°56	0°34	0°25	26°19	14°47	5° 3	5° 4	0°32	n.a.	T 9
W10	20 24 7	3°59'55	21°18	26°10	20°36	18°28	29° 0	0°35	0°26	26°18	14°46	5° 2	5° 1	0°38	n.a.	W10
T 11	20 28 3	4°58'44	5♋50	25°28	21°34	19° 1	29° 4	0°37	0°26	26°17	14°44	5°D 2	4°58	0°45	n.a.	T 11
F 12	20 32 0	5°57'35	20°16	24°54	22°32	19°34	29° 8	0°39	0°27	26°16	14°43	5° 2	4°55	0°52	n.a.	F 12
S 13	20 35 57	6°56'28	4♌31	24°29	23°30	20° 7	29°11	0°40	0°27	26°15	14°42	5°R 2	4°52	0°59	n.a.	S 13
S 14	20 39 53	7°55'23	18°31	24°13	24°27	20°40	29°15	0°42	0°27	26°14	14°41	5° 2	4°48	1° 5	n.a.	S 14
M15	20 43 50	8°54'20	2♍11	24°D 7	25°24	21°13	29°18	0°43	0°27	26°13	14°40	5° 2	4°45	1°12	n.a.	M15
T 16	20 47 46	9°53'20	15°31	24°11	26°20	21°45	29°21	0°44	0°28	26°12	14°39	5° 2	4°42	1°19	n.a.	T 16
W17	20 51 43	10°52'21	28°29	24°25	27°15	22°18	29°24	0°45	0°28	26°11	14°37	5° 1	4°39	1°25	n.a.	W17
T 18	20 55 39	11°51'24	11♎ 8	24°48	28°11	22°50	29°26	0°46	0°28	26°10	14°36	5° 0	4°36	1°32	n.a.	T 18
F 19	20 59 36	12°50'29	23°29	25°22	29° 5	23°22	29°29	0°47	0°R28	26° 9	14°35	4°59	4°32	1°39	n.a.	F 19
S 20	21 3 32	13°49'37	5♏36	26° 4	29°59	23°53	29°31	0°48	0°28	26° 8	14°34	4°59	4°29	1°45	n.a.	S 20
S 21	21 7 29	14°48'46	17°33	26°55	0♎53	24°25	29°33	0°49	0°28	26° 7	14°33	4°D59	4°26	1°52	n.a.	S 21
M22	21 11 25	15°47'57	29°26	27°53	1°46	24°56	29°35	0°49	0°28	26° 5	14°32	4°59	4°23	1°59	n.a.	M22
T 23	21 15 22	16°47'10	11♐19	28°59	2°38	25°27	29°37	0°50	0°27	26° 4	14°31	5° 0	4°20	2° 6	n.a.	T 23
W24	21 19 19	17°46'25	23°16	0♌11	3°30	25°58	29°38	0°50	0°27	26° 3	14°30	5° 1	4°17	2°12	n.a.	W24
T 25	21 23 15	18°45'42	5♑21	1°28	4°21	26°29	29°39	0°50	0°27	26° 2	14°29	5° 2	4°13	2°19	n.a.	T 25
F 26	21 27 12	19°45'01	17°39	2°51	5°12	26°59	29°41	0°R50	0°27	26° 0	14°28	5° 4	4°10	2°26	n.a.	F 26
S 27	21 31 8	20°44'22	0♒11	4°18	6° 1	27°30	29°41	0°50	0°26	25°59	14°27	5°R 4	4° 7	2°32	n.a.	S 27
S 28	21 35 5	21°43'45	12°59	5°49	6°50	28° 0	29°42	0°50	0°26	25°58	14°26	5° 4	4° 4	2°39	n.a.	S 28
M29	21 39 1	22°43'11	26° 4	7°23	7°38	28°29	29°43	0°50	0°25	25°56	14°25	5° 3	4° 1	2°46	n.a.	M29
T 30	21 42 58	23°42'38	9♓25	8°59	8°26	28°59	29°43	0°49	0°25	25°55	14°24	5° 1	3°58	2°53	n.a.	T 30
W31	21 46 54	24♌42'08	23♓ 2	10♌37	9♎12	29♉28	29°R43	0♉49	0♉24	25♓54	14♑23	4♒59	3♒54	2♐59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n28	14s59	1n 6	15n18	4s13	6n13	1s14	15n31	0s37	9n59	1s 9	9n40	2s14	11n25	0s23	3s21	2s 5	34s39	11s44	19s21	19s14	25s 1		n.a.
T 2	21 17	9 37	2 14	15 34	4 10	5 43	1 20	15 43	0 37	10 1	1 9	9 41	2 14	11 26	0 23	3 22	2 5	34 39	11 44	19 21	19 15	25 2		n.a.
W 3	21 6	3 45	3 16	15 53	4 4	5 14	1 26	15 54	0 36	10 3	1 9	9 42	2 14	11 26	0 23	3 22	2 5	34 40	11 44	19 21	19 15	25 3		n.a.
T 4	20 54	2n22	4 8	16 13	3 57	4 45	1 32	16 5	0 35	10 4	1 9	9 42	2 15	11 26	0 23	3 22	2 5	34 40	11 44	19 21	19 16	25 4		n.a.
F 5	20 42	8 28	4 48	16 36	3 48	4 16	1 38	16 16	0 34	10 6	1 9	9 43	2 15	11 26	0 23	3 23	2 5	34 40	11 44	19 21	19 17	25 5		n.a.
S 6	20 29	14 16	5 11	17 1	3 36	3 46	1 44	16 27	0 33	10 8	1 9	9 44	2 15	11 27	0 24	3 23	2 5	34 40	11 44	19 20	19 18	25 6		n.a.
S 7	20 17	19 25	5 17	17 26	3 23	3 17	1 50	16 38	0 32	10 9	1 9	9 44	2 15	11 27	0 24	3 23	2 5	34 40	11 44	19 20	19 19	25 7		n.a.
M 8	20 3	23 33	5 3	17 53	3 8	2 47	1 57	16 48	0 32	10 11	1 10	9 45	2 15	11 27	0 24	3 24	2 5	34 40	11 44	19 20	19 19	25 9		n.a.
T 9	19 50	26 15	4 30	18 19	2 52	2 18	2 3	16 59	0 31	10 12	1 10	9 45	2 16	11 27	0 24	3 24	2 5	34 40	11 44	19 21	19 20	25 10		n.a.
W10	19 36	27 13	3 39	18 46	2 35	1 49	2 9	17 9	0 30	10 13	1 10	9 46	2 16	11 27	0 24	3 25	2 6	34 40	11 43	19 21	19 21	25 11		n.a.
T 11	19 21	26 19	2 35	19 11	2 16	1 20	2 16	17 19	0 29	10 15	1 10	9 46	2 16	11 28	0 24	3 25	2 6	34 40	11 43	19 21	19 22	25 12		n.a.
F 12	19 7	23 38	1 21	19 36	1 57	0 51	2 22	17 29	0 28	10 16	1 10	9 47	2 16	11 28	0 24	3 25	2 6	34 41	11 43	19 21	19 22	25 13		n.a.
S 13	18 52	19 31	0 3	20 0	1 38	0 22	2 29	17 39	0 27	10 17	1 10	9 47	2 16	11 28	0 24	3 26	2 6	34 41	11 43	19 21	19 23	25 14		n.a.
S 14	18 37	14 22	1s14	20 22	1 19	0s 7	2 35	17 49	0 26	10 18	1 10	9 47	2 17	11 28	0 24	3 26	2 6	34 41	11 43	19 21	19 24	25 15		n.a.
M15	18 21	8 38	2 25	20 41	1 0	0 36	2 42	17 59	0 25	10 19	1 10	9 48	2 17	11 28	0 24	3 27	2 6	34 41	11 43	19 21	19 25	25 16		n.a.
T 16	18 5	2 39	3 26	20 59	0 41	1 5	2 48	18 8	0 24	10 20	1 11	9 48	2 17	11 28	0 24	3 27	2 6	34 41	11 43	19 21	19 26	25 17		n.a.
W17	17 49	3s16	4 15	21 14	0 23	1 34	2 55	18 18	0 23	10 21	1 11	9 48	2 17	11 28	0 24	3 28	2 6	34 41	11 43	19 21	19 26	25 18		n.a.
T 18	17 32	8 54	4 50	21 26	0 6	2 2	3 2	18 27	0 22	10 22	1 11	9 48	2 17	11 28	0 24	3 28	2 6	34 41	11 43	19 21	19 27	25 19		n.a.
F 19	17 15	14 4	5 10	21 36	0n10	2 30	3 8	18 36	0 21	10 23	1 11	9 48	2 18	11 28	0 24	3 29	2 6	34 41	11 43	19 21	19 28	25 20		n.a.
S 20	16 58	18 35	5 17	21 43	0 25	2 58	3 15	18 45	0 20	10 23	1 11	9 48	2 18	11 28	0 24	3 29	2 6	34 41	11 43	19 21	19 29	25 21		n.a.
S 21	16 41	22 18	5 9	21 47	0 39	3 26	3 22	18 54	0 19	10 24	1 11	9 48	2 18	11 28	0 24	3 30	2 6	34 41	11 43	19 21	19 29	25 22		n.a.
M22	16 23	25 4	4 48	21 47	0 51	3 54	3 29	19 3	0 18	10 25	1 11	9 48	2 18	11 28	0 24	3 30	2 6	34 41	11 43	19 21	19 30	25 23		n.a.
T 23	16 5	26 45	4 15	21 45	1 3	4 21	3 35	19 11	0 17	10 25	1 11	9 48	2 18	11 28	0 24	3 31	2 6	34 41	11 42	19 21	19 31	25 24		n.a.
W24	15 47	27 12	3 31	21 39	1 13	4 48	3 42	19 20	0 16	10 26	1 12	9 48	2 19	11 28	0 24	3 31	2 6	34 41	11 42	19 21	19 32	25 25		n.a.
T 25	15 28	26 22	2 37	21 31	1 22	5 15	3 49	19 28	0 15	10 26	1 12	9 48	2 19	11 28	0 24	3 32	2 6	34 41	11 42	19 21	19 33	25 26		n.a.
F 26	15 9	24 15	1 35	21 19	1 30	5 42	3 56	19 36	0 14	10 26	1 12	9 48	2 19	11 27	0 24	3 32	2 6	34 41	11 42	19 20	19 33	25 27		n.a.
S 27	14 50	20 55	0 27	21 5	1 36	6 8	4 3	19 44	0 13	10 26	1 12	9 48	2 19	11 27	0 24	3 33	2 6	34 41	11 42	19 20	19 34	25 28		n.a.
S 28	14 31	16 31	0n44	20 48	1 42	6 34	4 9	19 52	0 12	10 26	1 12	9 48	2 19	11 27	0 24	3 34	2 6	34 41	11 42	19 20	19 35	25 29		n.a.
M29	14 11	11 17	1 53	20 28	1 47	6 59	4 16	20 0	0 11	10 27	1 12	9 47	2 20	11 27	0 24	3 34	2 7	34 41	11 42	19 20	19 36	25 30		n.a.
T 30	13 51	5 26	2 58	20 6	1 50	7 25	4 23	20 8	0 9	10 27	1 12	9 47	2 20	11 27	0 24	3 35	2 7	34 41	11 41	19 21	19 36	25 31		n.a.
W31	13n31	0n46	3n54	19n41	1n53	7s49	4s30	20n15	0s 8	10n26	1s12	9n47	2s20	11n27	0s24	3s35	2s 7	34s41	11s41	19s22	19s37	25s32		n.a.

Julian Day Number = 1204076.5, Delta T = 09h19m35s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'11, Lahiri = -23°30'10 Julian Calendar 1 Aug. 1417 BCE == Greg. Calendar 19 July 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

SEPTEMBER 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 50 51	25♌41'40	6♈51	12♌17	9♎58	29♉57	29°R43	0°R48	0°R23	25°R52	14°R22	4°R56	3♒51	3♐ 6	n.a.	T 1
F 2	21 54 48	26°41'14	20°49	13°59	10°42	0♊26	29♈43	0♉48	0♉23	25♓51	14♑21	4♒53	3°48	3°13	n.a.	F 2
S 3	21 58 44	27°40'51	4♉54	15°41	11°26	0°55	29°42	0°47	0°22	25°49	14°20	4°51	3°45	3°19	n.a.	S 3
S 4	22 2 41	28°40'30	19° 4	17°24	12° 9	1°23	29°41	0°46	0°21	25°48	14°19	4°49	3°42	3°26	n.a.	S 4
M 5	22 6 37	29°40'12	3♊15	19° 8	12°50	1°51	29°40	0°45	0°20	25°47	14°18	4°D49	3°38	3°33	n.a.	M 5
T 6	22 10 34	0♍39'56	17°25	20°52	13°31	2°19	29°39	0°44	0°19	25°45	14°18	4°50	3°35	3°40	n.a.	T 6
W 7	22 14 30	1°39'43	1♋34	22°36	14°11	2°47	29°38	0°42	0°18	25°44	14°17	4°51	3°32	3°46	n.a.	W 7
T 8	22 18 27	2°39'33	15°38	24°19	14°49	3°14	29°36	0°41	0°18	25°42	14°16	4°53	3°29	3°53	n.a.	T 8
F 9	22 22 23	3°39'24	29°35	26° 3	15°26	3°41	29°35	0°40	0°16	25°41	14°15	4°R54	3°26	4° 0	n.a.	F 9
S 10	22 26 20	4°39'18	13♌24	27°47	16° 2	4° 8	29°33	0°38	0°15	25°39	14°15	4°53	3°23	4° 6	n.a.	S 10
S 11	22 30 16	5°39'14	27° 2	29°30	16°37	4°34	29°31	0°36	0°14	25°37	14°14	4°52	3°19	4°13	n.a.	S 11
M12	22 34 13	6°39'12	10♍25	1♍13	17°11	5° 0	29°28	0°35	0°13	25°36	14°13	4°48	3°16	4°20	n.a.	M12
T 13	22 38 10	7°39'12	23°34	2°55	17°43	5°26	29°26	0°33	0°12	25°34	14°12	4°43	3°13	4°26	n.a.	T 13
W14	22 42 6	8°39'14	6♎25	4°37	18°13	5°51	29°23	0°31	0°11	25°33	14°12	4°38	3°10	4°33	n.a.	W14
T 15	22 46 3	9°39'18	19° 0	6°18	18°42	6°17	29°20	0°28	0° 9	25°31	14°11	4°31	3° 7	4°40	n.a.	T 15
F 16	22 49 59	10°39'24	1♏20	7°59	19°10	6°41	29°17	0°26	0° 8	25°29	14°10	4°25	3° 3	4°47	n.a.	F 16
S 17	22 53 56	11°39'32	13°27	9°40	19°35	7° 6	29°14	0°24	0° 6	25°28	14°10	4°21	3° 0	4°53	n.a.	S 17
S 18	22 57 52	12°39'41	25°24	11°20	20° 0	7°30	29°10	0°21	0° 5	25°26	14° 9	4°17	2°57	5° 0	n.a.	S 18
M19	23 1 49	13°39'52	7♐16	12°59	20°22	7°54	29° 7	0°19	0° 3	25°24	14° 9	4°15	2°54	5° 7	n.a.	M19
T 20	23 5 45	14°40'05	19° 7	14°38	20°42	8°17	29° 3	0°16	0° 2	25°23	14° 8	4°D15	2°51	5°13	n.a.	T 20
W21	23 9 42	15°40'20	1♑ 3	16°16	21° 1	8°40	28°59	0°14	0° 0	25°21	14° 8	4°16	2°48	5°20	n.a.	W21
T 22	23 13 39	16°40'37	13° 8	17°54	21°18	9° 3	28°54	0°11	29♈59	25°19	14° 7	4°18	2°44	5°27	n.a.	T 22
F 23	23 17 35	17°40'55	25°28	19°32	21°32	9°26	28°50	0° 8	29°57	25°18	14° 7	4°19	2°41	5°33	n.a.	F 23
S 24	23 21 32	18°41'14	8♒ 6	21° 9	21°45	9°48	28°45	0° 5	29°55	25°16	14° 6	4°R20	2°38	5°40	n.a.	S 24
S 25	23 25 28	19°41'36	21° 5	22°45	21°55	10° 9	28°41	0° 2	29°54	25°14	14° 6	4°18	2°35	5°47	n.a.	S 25
M26	23 29 25	20°41'59	4♓27	24°21	22° 3	10°30	28°36	29♈58	29°52	25°13	14° 6	4°15	2°32	5°54	n.a.	M26
T 27	23 33 21	21°42'24	18°12	25°57	22° 9	10°51	28°31	29°55	29°50	25°11	14° 5	4° 9	2°29	6° 0	n.a.	T 27
W28	23 37 18	22°42'50	2♈15	27°32	22°13	11°11	28°25	29°52	29°48	25° 9	14° 5	4° 2	2°25	6° 7	n.a.	W28
T 29	23 41 14	23°43'18	16°34	29° 7	22°R14	11°31	28°20	29°48	29°46	25° 8	14° 5	3°53	2°22	6°14	n.a.	T 29
F 30	23 45 11	24♍43'49	1♉ 1	0♎42	22♎13	11♊51	28♈14	29♈45	29♈44	25♓ 6	14♑ 4	3♒45	2♒19	6♐20	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n11	7n 0	4n38	19n15	1n55	8s14	4s36	20n23	0s 7	10n26	1s13	9n46	2s20	11n26	0s24	3s36	2s 7	34s41	11s41	19s22	19s38	25s33		n.a.
F 2	12 50	12 57	5 5	18 46	1 56	8 38	4 43	20 30	0 6	10 26	1 13	9 46	2 20	11 26	0 24	3 37	2 7	34 41	11 41	19 23	19 39	25 34		n.a.
S 3	12 29	18 18	5 14	18 15	1 56	9 1	4 49	20 38	0 5	10 26	1 13	9 45	2 21	11 26	0 24	3 37	2 7	34 41	11 41	19 24	19 39	25 35		n.a.
S 4	12 8	22 40	5 5	17 43	1 56	9 24	4 56	20 45	0 4	10 25	1 13	9 45	2 21	11 25	0 24	3 38	2 7	34 41	11 41	19 24	19 40	25 36		n.a.
M 5	11 47	25 42	4 37	17 10	1 55	9 47	5 2	20 52	0 2	10 25	1 13	9 44	2 21	11 25	0 24	3 38	2 7	34 41	11 41	19 24	19 41	25 37		n.a.
T 6	11 26	27 6	3 52	16 34	1 53	10 9	5 9	20 58	0 1	10 25	1 13	9 44	2 21	11 25	0 24	3 39	2 7	34 41	11 40	19 24	19 42	25 38		n.a.
W 7	11 4	26 44	2 53	15 58	1 51	10 31	5 15	21 5	0n 0	10 24	1 13	9 43	2 21	11 25	0 24	3 40	2 7	34 41	11 40	19 23	19 42	25 38		n.a.
T 8	10 42	24 39	1 44	15 20	1 48	10 52	5 21	21 12	0 1	10 23	1 13	9 43	2 21	11 24	0 24	3 40	2 7	34 40	11 40	19 23	19 43	25 39		n.a.
F 9	10 20	21 4	0 29	14 42	1 45	11 12	5 28	21 18	0 3	10 23	1 13	9 42	2 22	11 24	0 24	3 41	2 7	34 40	11 40	19 23	19 44	25 40		n.a.
S 10	9 58	16 21	0s46	14 2	1 42	11 32	5 34	21 25	0 4	10 22	1 14	9 41	2 22	11 23	0 24	3 42	2 7	34 40	11 40	19 23	19 45	25 41		n.a.
S 11	9 36	10 52	1 58	13 22	1 38	11 51	5 40	21 31	0 5	10 21	1 14	9 40	2 22	11 23	0 24	3 42	2 7	34 40	11 39	19 23	19 45	25 42		n.a.
M12	9 14	4 59	3 2	12 41	1 33	12 10	5 45	21 37	0 7	10 20	1 14	9 40	2 22	11 23	0 24	3 43	2 7	34 40	11 39	19 24	19 46	25 43		n.a.
T 13	8 51	0s59	3 55	12 0	1 29	12 27	5 51	21 43	0 8	10 19	1 14	9 39	2 22	11 22	0 24	3 44	2 7	34 40	11 39	19 25	19 47	25 44		n.a.
W14	8 28	6 46	4 34	11 17	1 24	12 44	5 57	21 49	0 9	10 18	1 14	9 38	2 23	11 22	0 24	3 44	2 7	34 40	11 39	19 27	19 48	25 45		n.a.
T 15	8 5	12 10	4 59	10 35	1 19	13 1	6 2	21 55	0 11	10 17	1 14	9 37	2 23	11 21	0 24	3 45	2 7	34 40	11 39	19 28	19 48	25 45		n.a.
F 16	7 42	16 58	5 10	9 52	1 14	13 16	6 7	22 1	0 12	10 16	1 14	9 36	2 23	11 21	0 24	3 46	2 7	34 40	11 39	19 30	19 49	25 46		n.a.
S 17	7 19	21 1	5 7	9 8	1 8	13 31	6 12	22 6	0 13	10 14	1 14	9 35	2 23	11 20	0 24	3 46	2 7	34 39	11 38	19 31	19 50	25 47		n.a.
S 18	6 55	24 8	4 50	8 24	1 3	13 45	6 17	22 12	0 15	10 13	1 14	9 34	2 23	11 20	0 24	3 47	2 7	34 39	11 38	19 32	19 51	25 48		n.a.
M19	6 32	26 11	4 21	7 40	0 57	13 58	6 22	22 17	0 16	10 12	1 14	9 33	2 23	11 19	0 24	3 48	2 7	34 39	11 38	19 32	19 51	25 49		n.a.
T 20	6 8	27 4	3 41	6 56	0 51	14 10	6 26	22 22	0 18	10 10	1 14	9 32	2 23	11 18	0 24	3 48	2 7	34 39	11 38	19 32	19 52	25 49		n.a.
W21	5 45	26 42	2 51	6 12	0 45	14 21	6 30	22 27	0 19	10 9	1 15	9 31	2 24	11 18	0 24	3 49	2 7	34 39	11 37	19 32	19 53	25 50		n.a.
T 22	5 21	25 4	1 52	5 27	0 39	14 31	6 34	22 33	0 21	10 7	1 15	9 30	2 24	11 17	0 24	3 50	2 7	34 39	11 37	19 31	19 54	25 51		n.a.
F 23	4 57	22 12	0 48	4 43	0 32	14 39	6 38	22 38	0 22	10 5	1 15	9 29	2 24	11 17	0 24	3 50	2 7	34 39	11 37	19 31	19 54	25 52		n.a.
S 24	4 33	18 14	0n20	3 58	0 26	14 47	6 41	22 42	0 24	10 4	1 15	9 27	2 24	11 16	0 24	3 51	2 7	34 38	11 37	19 31	19 55	25 53		n.a.
S 25	4 9	13 19	1 29	3 13	0 20	14 54	6 44	22 47	0 26	10 2	1 15	9 26	2 24	11 15	0 24	3 52	2 7	34 38	11 37	19 31	19 56	25 53		n.a.
M26	3 45	7 38	2 35	2 29	0 13	14 59	6 46	22 52	0 27	10 0	1 15	9 25	2 24	11 15	0 24	3 52	2 7	34 38	11 36	19 32	19 57	25 54		n.a.
T 27	3 21	1 28	3 34	1 44	0 7	15 3	6 48	22 57	0 29	9 58	1 15	9 24	2 24	11 14	0 24	3 53	2 7	34 38	11 36	19 34	19 57	25 55		n.a.
W28	2 56	4n53	4 21	1 0	0 0	15 6	6 50	23 1	0 30	9 56	1 15	9 22	2 25	11 14	0 24	3 54	2 7	34 38	11 36	19 35	19 58	25 56		n.a.
T 29	2 32	11 6	4 53	0 15	0s 6	15 8	6 51	23 6	0 32	9 54	1 15	9 21	2 25	11 13	0 24	3 55	2 7	34 37	11 36	19 37	19 59	25 56		n.a.
F 30	2n 8	16n48	5n 6	0s29	0s13	15s 8	6s51	23n10	0n34	9n52	1s15	9n20	2s25	11n12	0s24	3s55	2s 7	34s37	11s35	19s39	20s 0	25s57		n.a.

Julian Day Number = 1204107.5, Delta T = 09h19m33s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'07, Lahiri = -23°30'06 Julian Calendar 1 Sept. 1417 BCE == Greg. Calendar 19 Aug. 1417 BCE

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

OCTOBER 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 49 7	25♍44'21	15♉31	2♎16	22°R 9	12♊10	28°R 9	29°R41	29°R42	25°R 4	14°R 4	3°R38	2♒16	6♐27	n.a.	S 1
S 2	23 53 4	26°44'55	29°57	3°50	22♎ 3	12°29	28♈ 3	29♈37	29♈40	25♓ 3	14♑ 4	3♒33	2°13	6°34	n.a.	S 2
M 3	23 57 1	27°45'31	14♊15	5°24	21°54	12°47	27°57	29°34	29°38	25° 1	14° 4	3°30	2° 9	6°40	n.a.	M 3
T 4	0 0 57	28°46'10	28°24	6°57	21°43	13° 4	27°50	29°30	29°36	24°59	14° 3	3°D29	2° 6	6°47	n.a.	T 4
W 5	0 4 54	29°46'50	12♋20	8°30	21°30	13°22	27°44	29°26	29°34	24°58	14° 3	3°29	2° 3	6°54	n.a.	W 5
T 6	0 8 50	0♎47'32	26° 5	10° 3	21°14	13°38	27°38	29°22	29°32	24°56	14° 3	3°30	2° 0	7° 1	n.a.	T 6
F 7	0 12 47	1°48'16	9♌39	11°35	20°56	13°55	27°31	29°18	29°30	24°54	14° 3	3°R30	1°57	7° 7	n.a.	F 7
S 8	0 16 43	2°49'02	23° 2	13° 7	20°36	14°10	27°24	29°14	29°28	24°52	14° 3	3°28	1°54	7°14	n.a.	S 8
S 9	0 20 40	3°49'49	6♍15	14°39	20°13	14°25	27°17	29° 9	29°25	24°51	14° 3	3°24	1°50	7°21	n.a.	S 9
M10	0 24 36	4°50'38	19°16	16°11	19°49	14°40	27°10	29° 5	29°23	24°49	14°D 3	3°17	1°47	7°27	n.a.	M10
T 11	0 28 33	5°51'29	2♎ 6	17°42	19°22	14°54	27° 3	29° 1	29°21	24°47	14° 3	3° 7	1°44	7°34	n.a.	T 11
W12	0 32 30	6°52'21	14°44	19°14	18°53	15° 7	26°56	28°56	29°19	24°46	14° 3	2°55	1°41	7°41	n.a.	W12
T 13	0 36 26	7°53'14	27°10	20°44	18°23	15°20	26°49	28°52	29°16	24°44	14° 3	2°43	1°38	7°47	n.a.	T 13
F 14	0 40 23	8°54'09	9♏24	22°15	17°52	15°33	26°41	28°47	29°14	24°43	14° 3	2°30	1°35	7°54	n.a.	F 14
S 15	0 44 19	9°55'05	21°27	23°45	17°18	15°44	26°34	28°43	29°12	24°41	14° 3	2°19	1°31	8° 1	n.a.	S 15
S 16	0 48 16	10°56'02	3♐22	25°15	16°44	15°55	26°26	28°38	29° 9	24°39	14° 3	2°10	1°28	8° 8	n.a.	S 16
M17	0 52 12	11°57'00	15°12	26°45	16° 9	16° 6	26°18	28°34	29° 7	24°38	14° 4	2° 4	1°25	8°14	n.a.	M17
T 18	0 56 9	12°58'00	27° 1	28°14	15°33	16°16	26°11	28°29	29° 5	24°36	14° 4	2° 1	1°22	8°21	n.a.	T 18
W19	1 0 5	13°59'00	8♑53	29°43	14°57	16°25	26° 3	28°24	29° 2	24°34	14° 4	1°59	1°19	8°28	n.a.	W19
T 20	1 4 2	15° 0'01	20°55	1♏12	14°21	16°33	25°55	28°19	29° 0	24°33	14° 4	1°D59	1°15	8°34	n.a.	T 20
F 21	1 7 59	16° 1'03	3♒11	2°40	13°44	16°41	25°47	28°15	28°57	24°31	14° 4	2°R 0	1°12	8°41	n.a.	F 21
S 22	1 11 55	17° 2'06	15°48	4° 7	13° 8	16°49	25°39	28°10	28°55	24°30	14° 5	1°59	1° 9	8°48	n.a.	S 22
S 23	1 15 52	18° 3'09	28°49	5°33	12°33	16°55	25°31	28° 5	28°52	24°28	14° 5	1°56	1° 6	8°54	n.a.	S 23
M24	1 19 48	19° 4'13	12♓17	6°59	11°58	17° 1	25°23	28° 0	28°50	24°27	14° 5	1°51	1° 3	9° 1	n.a.	M24
T 25	1 23 45	20° 5'18	26°13	8°24	11°25	17° 6	25°15	27°55	28°47	24°25	14° 6	1°43	1° 0	9° 8	n.a.	T 25
W26	1 27 41	21° 6'24	10♈35	9°47	10°53	17°10	25° 7	27°50	28°45	24°24	14° 6	1°32	0°56	9°14	n.a.	W26
T 27	1 31 38	22° 7'31	25°17	11° 9	10°22	17°14	24°58	27°45	28°42	24°22	14° 7	1°20	0°53	9°21	n.a.	T 27
F 28	1 35 34	23° 8'39	10♉12	12°30	9°53	17°17	24°50	27°40	28°40	24°21	14° 7	1° 8	0°50	9°28	n.a.	F 28
S 29	1 39 31	24° 9'48	25° 9	13°49	9°26	17°19	24°42	27°35	28°37	24°19	14° 8	0°58	0°47	9°35	n.a.	S 29
S 30	1 43 28	25°10'58	10♊ 0	15° 6	9° 0	17°21	24°34	27°30	28°35	24°18	14° 8	0°50	0°44	9°41	n.a.	S 30
M31	1 47 24	26♎12'08	24♊38	16♏21	8♎37	17°R21	24♈26	27♈25	28♈32	24♓17	14♑ 9	0♒44	0♒40	9♐48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n43	21n32	5n 0	1s13	0s19	15s 7	6s52	23n14	0n36	9n50	1s15	9n18	2s25	11n11	0s24	3s56	2s 7	34s37	11s35	19s41	20s 0	25s58		n.a.
S 2	1 19	24 58	4 35	1 57	0 26	15 4	6 51	23 18	0 37	9 48	1 15	9 17	2 25	11 11	0 24	3 57	2 7	34 37	11 35	19 42	20 1	25 58		n.a.
M 3	0 54	26 46	3 52	2 40	0 32	15 0	6 50	23 23	0 39	9 46	1 15	9 15	2 25	11 10	0 24	3 57	2 7	34 37	11 35	19 43	20 2	25 59		n.a.
T 4	0 30	26 48	2 57	3 24	0 39	14 54	6 48	23 27	0 41	9 43	1 15	9 14	2 25	11 9	0 24	3 58	2 7	34 36	11 34	19 43	20 2	26 0		n.a.
W 5	0 5	25 7	1 51	4 7	0 45	14 47	6 46	23 31	0 43	9 41	1 15	9 12	2 25	11 8	0 24	3 59	2 7	34 36	11 34	19 43	20 3	26 0		n.a.
T 6	0s19	21 57	0 40	4 50	0 51	14 38	6 43	23 35	0 45	9 39	1 15	9 11	2 25	11 8	0 24	3 59	2 7	34 36	11 34	19 43	20 4	26 1		n.a.
F 7	0 44	17 37	0s33	5 33	0 58	14 27	6 40	23 38	0 46	9 36	1 15	9 9	2 25	11 7	0 24	4 0	2 7	34 36	11 34	19 43	20 5	26 2		n.a.
S 8	1 8	12 28	1 42	6 15	1 4	14 15	6 35	23 42	0 48	9 34	1 15	9 8	2 25	11 6	0 24	4 1	2 7	34 36	11 34	19 43	20 5	26 2		n.a.
S 9	1 33	6 49	2 45	6 57	1 10	14 2	6 30	23 46	0 50	9 31	1 15	9 6	2 26	11 5	0 24	4 1	2 7	34 35	11 33	19 44	20 6	26 3		n.a.
M10	1 57	0 59	3 39	7 38	1 16	13 47	6 24	23 50	0 52	9 29	1 15	9 5	2 26	11 5	0 24	4 2	2 7	34 35	11 33	19 46	20 7	26 4		n.a.
T 11	2 22	4s48	4 20	8 19	1 21	13 31	6 18	23 53	0 54	9 26	1 15	9 3	2 26	11 4	0 24	4 3	2 7	34 35	11 33	19 48	20 8	26 4		n.a.
W12	2 46	10 18	4 47	9 0	1 27	13 13	6 10	23 57	0 56	9 24	1 15	9 1	2 26	11 3	0 24	4 3	2 7	34 35	11 33	19 51	20 8	26 5		n.a.
T 13	3 11	15 18	5 1	9 40	1 33	12 53	6 2	24 0	0 58	9 21	1 15	9 0	2 26	11 2	0 24	4 4	2 7	34 34	11 32	19 54	20 9	26 6		n.a.
F 14	3 35	19 36	5 0	10 19	1 38	12 33	5 53	24 4	1 0	9 18	1 15	8 58	2 26	11 1	0 24	4 5	2 7	34 34	11 32	19 57	20 10	26 6		n.a.
S 15	4 0	23 2	4 46	10 58	1 43	12 11	5 43	24 7	1 2	9 16	1 15	8 56	2 26	11 0	0 24	4 5	2 7	34 34	11 32	19 59	20 10	26 7		n.a.
S 16	4 24	25 26	4 19	11 36	1 48	11 48	5 33	24 10	1 4	9 13	1 15	8 55	2 26	11 0	0 24	4 6	2 7	34 34	11 32	20 2	20 11	26 8		n.a.
M17	4 48	26 42	3 42	12 14	1 53	11 24	5 22	24 13	1 6	9 10	1 15	8 53	2 26	10 59	0 24	4 7	2 7	34 33	11 31	20 3	20 12	26 8		n.a.
T 18	5 12	26 44	2 54	12 51	1 57	10 59	5 10	24 17	1 9	9 7	1 15	8 51	2 26	10 58	0 24	4 7	2 7	34 33	11 31	20 4	20 13	26 9		n.a.
W19	5 37	25 33	1 59	13 27	2 1	10 33	4 57	24 20	1 11	9 4	1 15	8 50	2 26	10 57	0 24	4 8	2 7	34 33	11 31	20 4	20 13	26 9		n.a.
T 20	6 1	23 10	0 58	14 3	2 5	10 6	4 44	24 23	1 13	9 2	1 15	8 48	2 26	10 56	0 24	4 8	2 7	34 32	11 31	20 4	20 14	26 10		n.a.
F 21	6 25	19 41	0n 6	14 37	2 9	9 39	4 31	24 26	1 15	8 59	1 15	8 46	2 26	10 55	0 24	4 9	2 7	34 32	11 30	20 4	20 15	26 10		n.a.
S 22	6 48	15 14	1 13	15 10	2 12	9 12	4 17	24 29	1 18	8 56	1 14	8 44	2 26	10 54	0 24	4 10	2 7	34 32	11 30	20 4	20 15	26 11		n.a.
S 23	7 12	9 57	2 17	15 43	2 15	8 45	4 2	24 32	1 20	8 53	1 14	8 43	2 26	10 53	0 24	4 10	2 7	34 32	11 30	20 5	20 16	26 12		n.a.
M24	7 36	4 4	3 16	16 14	2 17	8 17	3 47	24 35	1 22	8 50	1 14	8 41	2 26	10 53	0 24	4 11	2 7	34 31	11 30	20 6	20 17	26 12		n.a.
T 25	7 59	2n13	4 5	16 44	2 19	7 50	3 32	24 38	1 25	8 47	1 14	8 39	2 26	10 52	0 24	4 11	2 7	34 31	11 29	20 8	20 17	26 13		n.a.
W26	8 23	8 33	4 41	17 13	2 21	7 23	3 17	24 40	1 27	8 44	1 14	8 37	2 26	10 51	0 24	4 12	2 7	34 31	11 29	20 10	20 18	26 13		n.a.
T 27	8 46	14 34	4 59	17 41	2 22	6 57	3 1	24 43	1 29	8 41	1 14	8 36	2 26	10 50	0 24	4 12	2 7	34 30	11 29	20 13	20 19	26 14		n.a.
F 28	9 9	19 49	4 57	18 7	2 22	6 31	2 46	24 46	1 32	8 38	1 14	8 34	2 26	10 49	0 24	4 13	2 7	34 30	11 29	20 16	20 20	26 14		n.a.
S 29	9 32	23 49	4 34	18 31	2 22	6 5	2 30	24 49	1 34	8 36	1 14	8 32	2 26	10 48	0 24	4 14	2 7	34 30	11 28	20 18	20 20	26 15		n.a.
S 30	9 55	26 11	3 54	18 54	2 21	5 41	2 15	24 51	1 37	8 33	1 14	8 30	2 26	10 47	0 24	4 14	2 7	34 30	11 28	20 20	20 21	26 15		n.a.
M31	10s17	26n43	2n58	19s15	2s20	5s18	1s59	24n54	1n39	8n30	1s13	8n29	2s26	10n46	0s24	4s15	2s 7	34s29	11s28	20s21	20s22	26s16		n.a.

Julian Day Number = 1204137.5, Delta T = 09h19m31s
Ecliptic obliquity = 23°51'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°37'03, Lahiri = -23°30'02 Julian Calendar 1 Oct. 1417 BCE == Greg. Calendar 18 Sept. 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

NOVEMBER 1417 BCE (-1416) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 51 21	27♎13'20	8♋58	17♏32	8°R17	17°R21	24°R18	27°R20	28°R29	24°R15	14♑ 9	0°R42	0♒37	9♐55	n.a.	T 1
W 2	1 55 17	28°14'33	22°58	18°41	7♎58	17♊20	24♈ 9	27♈15	28♈27	24♓14	14°10	0♒41	0°34	10° 1	n.a.	W 2
T 3	1 59 14	29°15'47	6♌38	19°46	7°42	17°19	24° 1	27°10	28°24	24°13	14°10	0°41	0°31	10° 8	n.a.	T 3
F 4	2 3 10	0♏17'02	20° 1	20°46	7°29	17°16	23°53	27° 5	28°22	24°11	14°11	0°40	0°28	10°15	n.a.	F 4
S 5	2 7 7	1°18'17	3♍ 7	21°42	7°17	17°13	23°45	27° 0	28°19	24°10	14°12	0°37	0°25	10°21	n.a.	S 5
S 6	2 11 4	2°19'33	16° 0	22°32	7° 9	17° 8	23°37	26°55	28°17	24° 9	14°12	0°32	0°21	10°28	n.a.	S 6
M 7	2 15 0	3°20'50	28°42	23°16	7° 3	17° 3	23°29	26°50	28°14	24° 7	14°13	0°23	0°18	10°35	n.a.	M 7
T 8	2 18 57	4°22'08	11♎13	23°52	6°59	16°58	23°21	26°45	28°12	24° 6	14°14	0°11	0°15	10°41	n.a.	T 8
W 9	2 22 53	5°23'26	23°35	24°20	6°D58	16°51	23°13	26°40	28° 9	24° 5	14°14	29♑58	0°12	10°48	n.a.	W 9
T 10	2 26 50	6°24'44	5♏48	24°40	7° 0	16°43	23° 6	26°35	28° 7	24° 4	14°15	29°43	0° 9	10°55	n.a.	T 10
F 11	2 30 46	7°26'03	17°53	24°R49	7° 3	16°35	22°58	26°31	28° 4	24° 3	14°16	29°28	0° 6	11° 2	n.a.	F 11
S 12	2 34 43	8°27'23	29°51	24°48	7° 9	16°26	22°50	26°26	28° 2	24° 2	14°17	29°15	0° 2	11° 8	n.a.	S 12
S 13	2 38 39	9°28'42	11♐42	24°35	7°18	16°16	22°43	26°21	27°59	24° 1	14°18	29° 4	29♑59	11°15	n.a.	S 13
M14	2 42 36	10°30'01	23°30	24°10	7°28	16° 5	22°35	26°16	27°57	24° 0	14°19	28°55	29°56	11°22	n.a.	M14
T 15	2 46 33	11°31'21	5♑18	23°34	7°41	15°53	22°28	26°11	27°54	23°58	14°19	28°50	29°53	11°28	n.a.	T 15
W16	2 50 29	12°32'40	17° 9	22°47	7°56	15°41	22°21	26° 7	27°52	23°57	14°20	28°48	29°50	11°35	n.a.	W16
T 17	2 54 26	13°34'00	29° 8	21°49	8°13	15°28	22°13	26° 2	27°49	23°56	14°21	28°D47	29°46	11°42	n.a.	T 17
F 18	2 58 22	14°35'19	11♒20	20°41	8°33	15°14	22° 6	25°57	27°47	23°56	14°22	28°R48	29°43	11°48	n.a.	F 18
S 19	3 2 19	15°36'37	23°51	19°27	8°54	14°59	21°59	25°53	27°44	23°55	14°23	28°47	29°40	11°55	n.a.	S 19
S 20	3 6 15	16°37'56	6♓46	18° 8	9°17	14°43	21°53	25°48	27°42	23°54	14°24	28°46	29°37	12° 2	n.a.	S 20
M21	3 10 12	17°39'14	20° 9	16°46	9°41	14°27	21°46	25°44	27°40	23°53	14°25	28°42	29°34	12° 8	n.a.	M21
T 22	3 14 8	18°40'31	4♈ 2	15°26	10° 8	14°10	21°39	25°39	27°37	23°52	14°26	28°35	29°31	12°15	n.a.	T 22
W23	3 18 5	19°41'48	18°26	14° 8	10°36	13°53	21°33	25°35	27°35	23°51	14°27	28°26	29°27	12°22	n.a.	W23
T 24	3 22 2	20°43'05	3♉15	12°55	11° 6	13°34	21°27	25°31	27°33	23°50	14°29	28°16	29°24	12°29	n.a.	T 24
F 25	3 25 58	21°44'22	18°23	11°50	11°38	13°15	21°21	25°27	27°30	23°50	14°30	28° 5	29°21	12°35	n.a.	F 25
S 26	3 29 55	22°45'38	3♊38	10°54	12°11	12°56	21°15	25°22	27°28	23°49	14°31	27°55	29°18	12°42	n.a.	S 26
S 27	3 33 51	23°46'54	18°51	10° 7	12°45	12°36	21° 9	25°18	27°26	23°48	14°32	27°48	29°15	12°49	n.a.	S 27
M28	3 37 48	24°48'10	3♋51	9°30	13°21	12°15	21° 3	25°14	27°24	23°48	14°33	27°43	29°12	12°55	n.a.	M28
T 29	3 41 44	25°49'26	18°31	9° 3	13°58	11°54	20°58	25°10	27°22	23°47	14°34	27°41	29° 8	13° 2	n.a.	T 29
W30	3 45 41	26♏50'41	2♌46	8♏46	14♎37	11♊32	20♈52	25♈ 7	27♈19	23♓46	14♑35	27°D40	29♑ 5	13♐ 9	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s40	25n25	1n52	19s34	2s18	4s55	1s44	24n56	1n42	8n27	1s13	8n27	2s26	10n45	0s24	4s15	2s 7	34s29	11s28	20s21	20s22	26s16		n.a.
W 2	11 2	22 32	0 41	19 50	2 15	4 34	1 28	24 59	1 44	8 24	1 13	8 25	2 25	10 44	0 24	4 16	2 7	34 29	11 27	20 22	20 23	26 17		n.a.
T 3	11 24	18 26	0s31	20 5	2 11	4 14	1 13	25 1	1 47	8 21	1 13	8 23	2 25	10 43	0 24	4 16	2 7	34 28	11 27	20 22	20 24	26 17		n.a.
F 4	11 46	13 29	1 40	20 17	2 6	3 55	0 59	25 3	1 49	8 18	1 13	8 22	2 25	10 43	0 24	4 17	2 7	34 28	11 27	20 22	20 24	26 18		n.a.
S 5	12 8	8 1	2 42	20 26	2 0	3 37	0 44	25 6	1 52	8 15	1 13	8 20	2 25	10 42	0 24	4 17	2 6	34 28	11 27	20 22	20 25	26 18		n.a.
S 6	12 30	2 20	3 35	20 32	1 52	3 21	0 30	25 8	1 55	8 12	1 13	8 18	2 25	10 41	0 24	4 18	2 6	34 27	11 26	20 24	20 26	26 18		n.a.
M 7	12 51	3s22	4 16	20 35	1 44	3 6	0 17	25 10	1 57	8 10	1 12	8 16	2 25	10 40	0 24	4 18	2 6	34 27	11 26	20 25	20 27	26 19		n.a.
T 8	13 12	8 51	4 43	20 35	1 34	2 52	0 3	25 12	2 0	8 7	1 12	8 15	2 25	10 39	0 24	4 19	2 6	34 27	11 26	20 28	20 27	26 19		n.a.
W 9	13 33	13 54	4 58	20 32	1 23	2 40	0n10	25 14	2 3	8 4	1 12	8 13	2 25	10 38	0 24	4 19	2 6	34 27	11 26	20 31	20 28	26 20		n.a.
T 10	13 54	18 21	4 58	20 25	1 11	2 29	0 22	25 16	2 5	8 1	1 12	8 11	2 25	10 37	0 24	4 19	2 6	34 26	11 26	20 34	20 29	26 20		n.a.
F 11	14 14	22 0	4 44	20 13	0 57	2 20	0 34	25 18	2 8	7 59	1 12	8 10	2 25	10 36	0 24	4 20	2 6	34 26	11 25	20 37	20 29	26 21		n.a.
S 12	14 34	24 41	4 19	19 58	0 41	2 11	0 46	25 19	2 11	7 56	1 11	8 8	2 24	10 35	0 24	4 20	2 6	34 26	11 25	20 40	20 30	26 21		n.a.
S 13	14 54	26 15	3 42	19 39	0 25	2 4	0 57	25 21	2 13	7 53	1 11	8 6	2 24	10 34	0 24	4 21	2 6	34 25	11 25	20 43	20 31	26 21		n.a.
M14	15 14	26 37	2 55	19 15	0 7	1 59	1 8	25 22	2 16	7 51	1 11	8 5	2 24	10 33	0 24	4 21	2 6	34 25	11 25	20 44	20 31	26 22		n.a.
T 15	15 33	25 46	2 1	18 48	0n12	1 54	1 18	25 24	2 19	7 48	1 11	8 3	2 24	10 33	0 24	4 21	2 6	34 25	11 25	20 45	20 32	26 22		n.a.
W16	15 52	23 45	1 1	18 16	0 32	1 51	1 28	25 25	2 21	7 45	1 11	8 2	2 24	10 32	0 24	4 22	2 6	34 24	11 24	20 46	20 33	26 23		n.a.
T 17	16 11	20 40	0n 2	17 42	0 52	1 49	1 38	25 26	2 24	7 43	1 10	8 0	2 24	10 31	0 24	4 22	2 6	34 24	11 24	20 46	20 33	26 23		n.a.
F 18	16 30	16 37	1 6	17 4	1 13	1 49	1 47	25 27	2 27	7 40	1 10	7 58	2 24	10 30	0 24	4 22	2 6	34 24	11 24	20 46	20 34	26 23		n.a.
S 19	16 48	11 47	2 9	16 25	1 32	1 49	1 56	25 28	2 29	7 38	1 10	7 57	2 23	10 29	0 24	4 23	2 6	34 23	11 24	20 46	20 35	26 24		n.a.
S 20	17 6	6 17	3 7	15 45	1 51	1 51	2 4	25 29	2 32	7 36	1 10	7 55	2 23	10 28	0 24	4 23	2 6	34 23	11 23	20 46	20 35	26 24		n.a.
M21	17 24	0 20	3 57	15 5	2 9	1 53	2 12	25 30	2 35	7 33	1 9	7 54	2 23	10 27	0 24	4 23	2 6	34 23	11 23	20 47	20 36	26 24		n.a.
T 22	17 41	5n50	4 36	14 27	2 24	1 57	2 20	25 30	2 37	7 31	1 9	7 53	2 23	10 27	0 24	4 24	2 6	34 22	11 23	20 49	20 37	26 25		n.a.
W23	17 58	11 55	4 58	13 51	2 38	2 2	2 27	25 31	2 40	7 29	1 9	7 51	2 23	10 26	0 24	4 24	2 6	34 22	11 23	20 50	20 38	26 25		n.a.
T 24	18 15	17 31	5 1	13 19	2 49	2 7	2 33	25 31	2 42	7 27	1 9	7 50	2 22	10 25	0 24	4 24	2 5	34 22	11 23	20 53	20 38	26 25		n.a.
F 25	18 31	22 8	4 44	12 50	2 58	2 14	2 40	25 31	2 45	7 25	1 8	7 48	2 22	10 24	0 24	4 24	2 5	34 21	11 23	20 55	20 39	26 26		n.a.
S 26	18 47	25 17	4 6	12 26	3 5	2 21	2 46	25 31	2 47	7 23	1 8	7 47	2 22	10 23	0 24	4 25	2 5	34 21	11 22	20 57	20 40	26 26		n.a.
S 27	19 3	26 34	3 11	12 7	3 9	2 30	2 51	25 31	2 50	7 21	1 8	7 46	2 22	10 22	0 24	4 25	2 5	34 21	11 22	20 58	20 40	26 26		n.a.
M28	19 18	25 52	2 3	11 53	3 11	2 39	2 57	25 30	2 52	7 19	1 8	7 44	2 22	10 22	0 24	4 25	2 5	34 21	11 22	20 59	20 41	26 26		n.a.
T 29	19 33	23 22	0 49	11 44	3 12	2 49	3 2	25 30	2 54	7 17	1 7	7 43	2 21	10 21	0 24	4 25	2 5	34 20	11 22	21 0	20 42	26 27		n.a.
W30	19s48	19n27	0s27	11s40	3n11	3s 0	3n 6	25n29	2n57	7n15	1s 7	7n42	2s21	10n20	0s24	4s25	2s 5	34s20	11s22	21s 0	20s42	26s27		n.a.

Julian Day Number = 1204168.5, Delta T = 09h19m30s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'58, Lahiri = -23°29'58 Julian Calendar 1 Nov. 1417 BCE == Greg. Calendar 19 Oct. 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1417 BCE
geocentric

DECEMBER 1417 BCE (-1416) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 49 38	27♏51'57	16♌35	8°D38	15♎17	11°R10	20°R47	25°R 3	27°R17	23°R46	14♑37	27♑41	29♑ 2	13♐15	n.a.	T 1
F 2	3 53 34	28°53'12	29°59	8♏39	15°58	10♊48	20♈42	24♈59	27♈15	23♓45	14°38	27°R42	28°59	13°22	n.a.	F 2
S 3	3 57 31	29°54'26	13♍ 3	8°49	16°40	10°25	20°37	24°55	27°13	23°45	14°39	27°41	28°56	13°29	n.a.	S 3
S 4	4 1 27	0♐55'41	25°48	9° 6	17°23	10° 1	20°33	24°52	27°11	23°44	14°41	27°37	28°52	13°35	n.a.	S 4
M 5	4 5 24	1°56'54	8♎18	9°30	18° 7	9°38	20°28	24°48	27° 9	23°44	14°42	27°32	28°49	13°42	n.a.	M 5
T 6	4 9 20	2°58'08	20°36	10° 1	18°53	9°14	20°24	24°45	27° 7	23°44	14°43	27°24	28°46	13°49	n.a.	T 6
W 7	4 13 17	3°59'21	2♏45	10°37	19°39	8°50	20°20	24°42	27° 5	23°43	14°44	27°14	28°43	13°55	n.a.	W 7
T 8	4 17 14	5° 0'33	14°46	11°18	20°26	8°26	20°16	24°39	27° 3	23°43	14°46	27° 3	28°40	14° 2	n.a.	T 8
F 9	4 21 10	6° 1'45	26°42	12° 4	21°15	8° 2	20°12	24°35	27° 2	23°43	14°47	26°53	28°37	14° 9	n.a.	F 9
S 10	4 25 7	7° 2'56	8♐35	12°54	22° 4	7°38	20° 9	24°32	27° 0	23°42	14°49	26°43	28°33	14°16	n.a.	S 10
S 11	4 29 3	8° 4'06	20°24	13°48	22°53	7°14	20° 5	24°30	26°58	23°42	14°50	26°35	28°30	14°22	n.a.	S 11
M12	4 33 0	9° 5'15	2♑13	14°46	23°44	6°50	20° 2	24°27	26°56	23°42	14°51	26°30	28°27	14°29	n.a.	M12
T 13	4 36 56	10° 6'23	14° 3	15°46	24°35	6°26	19°59	24°24	26°55	23°42	14°53	26°26	28°24	14°36	n.a.	T 13
W14	4 40 53	11° 7'30	25°57	16°49	25°28	6° 2	19°56	24°21	26°53	23°42	14°54	26°D25	28°21	14°42	n.a.	W14
T 15	4 44 49	12° 8'36	7♒58	17°55	26°20	5°38	19°54	24°19	26°51	23°42	14°56	26°26	28°18	14°49	n.a.	T 15
F 16	4 48 46	13° 9'40	20°12	19° 3	27°14	5°15	19°51	24°16	26°50	23°42	14°57	26°28	28°14	14°56	n.a.	F 16
S 17	4 52 43	14°10'43	2♓41	20°13	28° 8	4°52	19°49	24°14	26°48	23°D42	14°59	26°29	28°11	15° 2	n.a.	S 17
S 18	4 56 39	15°11'45	15°31	21°25	29° 3	4°29	19°47	24°12	26°47	23°42	15° 0	26°R30	28° 8	15° 9	n.a.	S 18
M19	5 0 36	16°12'45	28°45	22°38	29°58	4° 7	19°46	24°10	26°45	23°42	15° 2	26°29	28° 5	15°16	n.a.	M19
T 20	5 4 32	17°13'43	12♈28	23°53	0♏54	3°45	19°44	24° 8	26°44	23°42	15° 3	26°26	28° 2	15°22	n.a.	T 20
W21	5 8 29	18°14'41	26°39	25°10	1°50	3°24	19°43	24° 6	26°43	23°42	15° 5	26°22	27°58	15°29	n.a.	W21
T 22	5 12 25	19°15'36	11♉17	26°28	2°47	3° 3	19°42	24° 4	26°41	23°42	15° 6	26°17	27°55	15°36	n.a.	T 22
F 23	5 16 22	20°16'30	26°18	27°48	3°45	2°42	19°41	24° 2	26°40	23°42	15° 8	26°11	27°52	15°42	n.a.	F 23
S 24	5 20 19	21°17'23	11♊32	29° 8	4°43	2°22	19°40	24° 1	26°39	23°43	15° 9	26° 6	27°49	15°49	n.a.	S 24
S 25	5 24 15	22°18'14	26°50	0♐30	5°41	2° 3	19°39	23°59	26°38	23°43	15°11	26° 2	27°46	15°56	n.a.	S 25
M26	5 28 12	23°19'04	12♋ 1	1°53	6°40	1°44	19°39	23°58	26°37	23°43	15°12	25°59	27°43	16° 2	n.a.	M26
T 27	5 32 8	24°19'53	26°55	3°17	7°40	1°26	19°D39	23°57	26°36	23°44	15°14	25°D59	27°39	16° 9	n.a.	T 27
W28	5 36 5	25°20'40	11♌26	4°42	8°40	1° 9	19°39	23°56	26°35	23°44	15°16	25°59	27°36	16°16	n.a.	W28
T 29	5 40 1	26°21'26	25°30	6° 8	9°40	0°52	19°39	23°55	26°34	23°44	15°17	26° 1	27°33	16°23	n.a.	T 29
F 30	5 43 58	27°22'11	9♍ 6	7°35	10°41	0°36	19°40	23°54	26°33	23°45	15°19	26° 3	27°30	16°29	n.a.	F 30
S 31	5 47 54	28♐22'54	22♍16	9♐ 3	11♏42	0♊21	19♈40	23♈53	26♈32	23♓45	15♑21	26♑ 4	27♑27	16♐36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s 2	14n34	1s39	11s40	3n 8	3s12	3n11	25n28	2n59	7n14	1s 7	7n41	2s21	10n19	0s24	4s26	2s 5	34s20	11s22	20s59	20s43	26s27			n.a.
F 2	20 16	9 7	2 44	11 44	3 4	3 24	3 15	25 27	3 1	7 12	1 7	7 40	2 21	10 19	0 24	4 26	2 5	34 19	11 21	20 59	20 44	26 28			n.a.
S 3	20 29	3 26	3 38	11 51	3 0	3 37	3 19	25 25	3 3	7 10	1 6	7 38	2 21	10 18	0 23	4 26	2 5	34 19	11 21	21 0	20 44	26 28			n.a.
S 4	20 42	2s16	4 20	12 2	2 54	3 50	3 22	25 24	3 5	7 9	1 6	7 37	2 20	10 17	0 23	4 26	2 5	34 19	11 21	21 0	20 45	26 28			n.a.
M 5	20 55	7 45	4 48	12 16	2 48	4 4	3 25	25 22	3 7	7 7	1 6	7 36	2 20	10 17	0 23	4 26	2 5	34 18	11 21	21 1	20 46	26 28			n.a.
T 6	21 7	12 51	5 3	12 32	2 41	4 19	3 28	25 20	3 9	7 6	1 5	7 35	2 20	10 16	0 23	4 26	2 5	34 18	11 21	21 3	20 46	26 28			n.a.
W 7	21 19	17 23	5 4	12 51	2 33	4 34	3 31	25 18	3 11	7 5	1 5	7 34	2 20	10 15	0 23	4 26	2 5	34 18	11 21	21 5	20 47	26 29			n.a.
T 8	21 31	21 11	4 51	13 11	2 25	4 50	3 33	25 16	3 13	7 3	1 5	7 33	2 19	10 14	0 23	4 26	2 5	34 17	11 20	21 7	20 48	26 29			n.a.
F 9	21 42	24 4	4 26	13 33	2 17	5 7	3 35	25 14	3 14	7 2	1 5	7 32	2 19	10 14	0 23	4 26	2 5	34 17	11 20	21 9	20 48	26 29			n.a.
S 10	21 52	25 53	3 49	13 57	2 9	5 23	3 37	25 11	3 16	7 1	1 4	7 31	2 19	10 13	0 23	4 26	2 4	34 17	11 20	21 11	20 49	26 29			n.a.
S 11	22 2	26 32	3 2	14 21	2 0	5 40	3 39	25 9	3 17	7 0	1 4	7 31	2 19	10 13	0 23	4 26	2 4	34 17	11 20	21 13	20 49	26 29			n.a.
M12	22 12	25 58	2 7	14 47	1 51	5 58	3 40	25 6	3 19	6 59	1 4	7 30	2 18	10 12	0 23	4 26	2 4	34 16	11 20	21 14	20 50	26 30			n.a.
T 13	22 21	24 13	1 7	15 13	1 43	6 16	3 41	25 3	3 20	6 58	1 3	7 29	2 18	10 11	0 23	4 26	2 4	34 16	11 20	21 14	20 51	26 30			n.a.
W14	22 30	21 22	0 3	15 40	1 34	6 34	3 42	25 0	3 21	6 58	1 3	7 28	2 18	10 11	0 23	4 26	2 4	34 16	11 20	21 14	20 51	26 30			n.a.
T 15	22 39	17 36	1n 2	16 7	1 25	6 53	3 43	24 57	3 23	6 57	1 3	7 28	2 18	10 10	0 23	4 26	2 4	34 15	11 20	21 14	20 52	26 30			n.a.
F 16	22 47	13 2	2 5	16 34	1 16	7 12	3 44	24 53	3 24	6 56	1 2	7 27	2 17	10 10	0 23	4 26	2 4	34 15	11 19	21 14	20 53	26 30			n.a.
S 17	22 54	7 51	3 4	17 2	1 7	7 31	3 44	24 50	3 25	6 56	1 2	7 26	2 17	10 9	0 23	4 26	2 4	34 15	11 19	21 14	20 53	26 30			n.a.
S 18	23 1	2 12	3 55	17 30	0 58	7 50	3 44	24 47	3 25	6 55	1 2	7 26	2 17	10 9	0 23	4 26	2 4	34 15	11 19	21 14	20 54	26 31			n.a.
M19	23 8	3n42	4 35	17 57	0 50	8 10	3 44	24 43	3 26	6 55	1 2	7 25	2 16	10 8	0 23	4 26	2 4	34 14	11 19	21 14	20 55	26 31			n.a.
T 20	23 14	9 37	5 2	18 25	0 41	8 30	3 44	24 40	3 27	6 55	1 1	7 25	2 16	10 8	0 23	4 26	2 4	34 14	11 19	21 14	20 55	26 31			n.a.
W21	23 20	15 16	5 11	18 52	0 33	8 50	3 44	24 36	3 28	6 54	1 1	7 24	2 16	10 7	0 23	4 26	2 4	34 14	11 19	21 15	20 56	26 31			n.a.
T 22	23 25	20 14	5 0	19 19	0 24	9 10	3 43	24 32	3 28	6 54	1 1	7 24	2 16	10 7	0 23	4 26	2 4	34 13	11 19	21 16	20 57	26 31			n.a.
F 23	23 30	24 1	4 29	19 45	0 16	9 30	3 43	24 29	3 29	6 54	1 0	7 24	2 15	10 6	0 23	4 26	2 4	34 13	11 19	21 17	20 57	26 31			n.a.
S 24	23 34	26 11	3 39	20 11	0 8	9 51	3 42	24 25	3 29	6 54	1 0	7 23	2 15	10 6	0 23	4 25	2 3	34 13	11 19	21 18	20 58	26 31			n.a.
S 25	23 38	26 22	2 32	20 37	0 0	10 11	3 41	24 21	3 29	6 54	1 0	7 23	2 15	10 5	0 23	4 25	2 3	34 13	11 19	21 19	20 59	26 31			n.a.
M26	23 41	24 34	1 16	21 2	0s 8	10 32	3 39	24 18	3 30	6 54	0 59	7 23	2 14	10 5	0 23	4 25	2 3	34 12	11 19	21 19	20 59	26 31			n.a.
T 27	23 44	21 4	0s 5	21 26	0 15	10 53	3 38	24 14	3 30	6 54	0 59	7 23	2 14	10 5	0 23	4 25	2 3	34 12	11 19	21 20	21 0	26 31			n.a.
W28	23 47	16 19	1 24	21 50	0 23	11 13	3 37	24 10	3 30	6 55	0 59	7 23	2 14	10 4	0 23	4 25	2 3	34 12	11 19	21 19	21 0	26 31			n.a.
T 29	23 49	10 49	2 35	22 12	0 30	11 34	3 35	24 7	3 30	6 55	0 59	7 22	2 14	10 4	0 23	4 24	2 3	34 12	11 19	21 19	21 1	26 32			n.a.
F 30	23 50	4 59	3 35	22 34	0 37	11 55	3 33	24 3	3 30	6 56	0 58	7 22	2 13	10 4	0 23	4 24	2 3	34 11	11 18	21 19	21 2	26 32			n.a.
S 31	23s51	0s52	4s21	22s55	0s44	12s16	3n31	24n 0	3n30	6n56	0s58	7n22	2s13	10n 3	0s23	4s24	2s 3	34s11	11s18	21s19	21s 2	26s32			n.a.

Julian Day Number = 1204198.5, Delta T = 09h19m28s
Ecliptic obliquity = 23°51'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'54, Lahiri = -23°29'54 Julian Calendar 1 Dec. 1417 BCE == Greg. Calendar 18 Nov. 1417 BCE

The year -1416 astronomical counting style corresponds to year 1417 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

JANUARY 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 51 51	29♐23'36	5♎ 4	10♐32	12♏43	0°R 6	19♈41	23°R52	26°R31	23♓46	15♑22	26°R 4	27♑24	16♐43	n.a.	S 1
M 2	5 55 48	0♑24'17	17°32	12° 2	13°45	29♉52	19°42	23♈52	26♈30	23°46	15°24	26♑ 2	27°20	16°49	n.a.	M 2
T 3	5 59 44	1°24'57	29°46	13°33	14°47	29°39	19°44	23°51	26°30	23°47	15°25	26° 0	27°17	16°56	n.a.	T 3
W 4	6 3 41	2°25'35	11♏48	15° 4	15°49	29°27	19°45	23°51	26°29	23°48	15°27	25°57	27°14	17° 3	n.a.	W 4
T 5	6 7 37	3°26'11	23°43	16°37	16°52	29°15	19°47	23°51	26°29	23°48	15°29	25°53	27°11	17° 9	n.a.	T 5
F 6	6 11 34	4°26'47	5♐34	18°10	17°55	29° 5	19°49	23°D51	26°28	23°49	15°30	25°49	27° 8	17°16	n.a.	F 6
S 7	6 15 30	5°27'20	17°22	19°44	18°58	28°55	19°51	23°51	26°27	23°50	15°32	25°45	27° 4	17°23	n.a.	S 7
S 8	6 19 27	6°27'52	29°12	21°19	20° 2	28°46	19°53	23°51	26°27	23°50	15°34	25°43	27° 1	17°29	n.a.	S 8
M 9	6 23 23	7°28'22	11♑ 4	22°55	21° 6	28°37	19°55	23°51	26°27	23°51	15°35	25°41	26°58	17°36	n.a.	M 9
T 10	6 27 20	8°28'50	23° 0	24°32	22°10	28°30	19°58	23°52	26°26	23°52	15°37	25°D40	26°55	17°43	n.a.	T 10
W11	6 31 17	9°29'17	5♒ 3	26°10	23°14	28°23	20° 1	23°52	26°26	23°53	15°39	25°40	26°52	17°49	n.a.	W11
T 12	6 35 13	10°29'41	17°15	27°49	24°19	28°17	20° 4	23°53	26°26	23°54	15°40	25°41	26°49	17°56	n.a.	T 12
F 13	6 39 10	11°30'03	29°38	29°29	25°24	28°12	20° 7	23°53	26°26	23°55	15°42	25°43	26°45	18° 3	n.a.	F 13
S 14	6 43 6	12°30'23	12♓15	1♑10	26°29	28° 7	20°11	23°54	26°26	23°56	15°44	25°44	26°42	18° 9	n.a.	S 14
S 15	6 47 3	13°30'41	25° 8	2°51	27°34	28° 4	20°14	23°55	26°25	23°57	15°46	25°45	26°39	18°16	n.a.	S 15
M16	6 50 59	14°30'57	8♈21	4°34	28°39	28° 1	20°18	23°56	26°D25	23°58	15°47	25°R45	26°36	18°23	n.a.	M16
T 17	6 54 56	15°31'11	21°56	6°18	29°45	27°59	20°22	23°57	26°25	23°59	15°49	25°45	26°33	18°29	n.a.	T 17
W18	6 58 52	16°31'22	5♉53	8° 2	0♐51	27°58	20°26	23°59	26°26	24° 0	15°51	25°45	26°30	18°36	n.a.	W18
T 19	7 2 49	17°31'31	20°14	9°48	1°57	27°D57	20°30	24° 0	26°26	24° 1	15°52	25°44	26°26	18°43	n.a.	T 19
F 20	7 6 46	18°31'38	4♊54	11°35	3° 3	27°58	20°35	24° 2	26°26	24° 2	15°54	25°43	26°23	18°49	n.a.	F 20
S 21	7 10 42	19°31'42	19°50	13°22	4° 9	27°59	20°40	24° 3	26°26	24° 3	15°56	25°43	26°20	18°56	n.a.	S 21
S 22	7 14 39	20°31'45	4♋52	15°11	5°16	28° 0	20°45	24° 5	26°26	24° 4	15°57	25°42	26°17	19° 3	n.a.	S 22
M23	7 18 35	21°31'45	19°55	17° 1	6°23	28° 3	20°50	24° 7	26°27	24° 6	15°59	25°D42	26°14	19° 9	n.a.	M23
T 24	7 22 32	22°31'43	4♌47	18°52	7°30	28° 6	20°55	24° 9	26°27	24° 7	16° 1	25°42	26°10	19°16	n.a.	T 24
W25	7 26 28	23°31'40	19°22	20°44	8°37	28°10	21° 0	24°11	26°28	24° 8	16° 2	25°42	26° 7	19°23	n.a.	W25
T 26	7 30 25	24°31'34	3♍34	22°37	9°44	28°14	21° 6	24°13	26°28	24° 9	16° 4	25°42	26° 4	19°29	n.a.	T 26
F 27	7 34 21	25°31'26	17°21	24°31	10°51	28°19	21°11	24°15	26°29	24°11	16° 6	25°R42	26° 1	19°36	n.a.	F 27
S 28	7 38 18	26°31'16	0♎40	26°26	11°59	28°25	21°17	24°18	26°29	24°12	16° 7	25°42	25°58	19°43	n.a.	S 28
S 29	7 42 15	27°31'04	13°35	28°22	13° 6	28°32	21°23	24°20	26°30	24°13	16° 9	25°42	25°55	19°49	n.a.	S 29
M30	7 46 11	28°30'51	26° 8	0♒19	14°14	28°39	21°29	24°23	26°31	24°15	16°11	25°D42	25°51	19°56	n.a.	M30
T 31	7 50 8	29♑30'36	8♏24	2♒16	15♐22	28♉47	21♈36	24♈25	26♈32	24♓16	16♑12	25♑42	25♑48	20♐ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s52	6s31	4s53	23s15	0s50	12s36	3n29	23n56	3n30	6n57	0s58	7n22	2s13	10n 3	0s23	4s24	2s 3	34s11	11s18	21s19	21s 3	26s32		n.a.
M 2	23 52	11 46	5 11	23 34	0 57	12 57	3 27	23 53	3 29	6 57	0 57	7 22	2 12	10 3	0 23	4 23	2 3	34 11	11 18	21 19	21 4	26 32		n.a.
T 3	23 51	16 27	5 13	23 52	1 3	13 18	3 25	23 50	3 29	6 58	0 57	7 23	2 12	10 3	0 23	4 23	2 3	34 10	11 18	21 19	21 4	26 32		n.a.
W 4	23 50	20 25	5 2	24 9	1 9	13 38	3 23	23 47	3 29	6 59	0 57	7 23	2 12	10 3	0 23	4 23	2 3	34 10	11 18	21 20	21 5	26 32		n.a.
T 5	23 49	23 31	4 38	24 25	1 14	13 58	3 20	23 44	3 28	7 0	0 56	7 23	2 11	10 2	0 23	4 22	2 3	34 10	11 18	21 21	21 6	26 32		n.a.
F 6	23 47	25 35	4 2	24 39	1 20	14 19	3 18	23 41	3 28	7 1	0 56	7 23	2 11	10 2	0 23	4 22	2 3	34 10	11 18	21 21	21 6	26 32		n.a.
S 7	23 45	26 30	3 16	24 52	1 25	14 39	3 15	23 38	3 27	7 2	0 56	7 24	2 11	10 2	0 23	4 22	2 3	34 9	11 18	21 22	21 7	26 32		n.a.
S 8	23 42	26 13	2 21	25 4	1 30	14 59	3 12	23 35	3 27	7 3	0 56	7 24	2 10	10 2	0 23	4 21	2 2	34 9	11 18	21 23	21 7	26 32		n.a.
M 9	23 39	24 43	1 20	25 14	1 34	15 18	3 9	23 33	3 26	7 4	0 55	7 24	2 10	10 2	0 23	4 21	2 2	34 9	11 18	21 23	21 8	26 32		n.a.
T 10	23 35	22 6	0 15	25 23	1 38	15 38	3 7	23 31	3 25	7 6	0 55	7 25	2 10	10 2	0 23	4 21	2 2	34 9	11 18	21 23	21 9	26 32		n.a.
W11	23 31	18 30	0n52	25 31	1 42	15 57	3 4	23 28	3 25	7 7	0 55	7 25	2 10	10 2	0 23	4 20	2 2	34 9	11 18	21 23	21 9	26 32		n.a.
T 12	23 26	14 5	1 57	25 36	1 46	16 16	3 0	23 26	3 24	7 9	0 54	7 26	2 9	10 2	0 22	4 20	2 2	34 8	11 18	21 23	21 10	26 31		n.a.
F 13	23 21	9 2	2 57	25 41	1 49	16 35	2 57	23 24	3 23	7 10	0 54	7 26	2 9	10 1	0 22	4 19	2 2	34 8	11 18	21 23	21 11	26 31		n.a.
S 14	23 16	3 33	3 50	25 43	1 52	16 53	2 54	23 23	3 23	7 12	0 54	7 27	2 9	10 1	0 22	4 19	2 2	34 8	11 18	21 22	21 11	26 31		n.a.
S 15	23 10	2n12	4 33	25 44	1 54	17 12	2 51	23 21	3 22	7 13	0 53	7 27	2 8	10 1	0 22	4 18	2 2	34 8	11 18	21 22	21 12	26 31		n.a.
M16	23 3	7 59	5 3	25 43	1 56	17 30	2 47	23 20	3 21	7 15	0 53	7 28	2 8	10 1	0 22	4 18	2 2	34 8	11 18	21 22	21 12	26 31		n.a.
T 17	22 56	13 34	5 17	25 41	1 58	17 47	2 44	23 18	3 20	7 17	0 53	7 29	2 8	10 2	0 22	4 17	2 2	34 7	11 18	21 22	21 13	26 31		n.a.
W18	22 49	18 37	5 12	25 36	1 59	18 5	2 40	23 17	3 19	7 19	0 53	7 30	2 7	10 2	0 22	4 17	2 2	34 7	11 18	21 22	21 14	26 31		n.a.
T 19	22 41	22 45	4 49	25 30	2 0	18 22	2 37	23 16	3 18	7 21	0 52	7 30	2 7	10 2	0 22	4 16	2 2	34 7	11 19	21 22	21 14	26 31		n.a.
F 20	22 33	25 31	4 6	25 21	2 1	18 38	2 33	23 15	3 17	7 23	0 52	7 31	2 7	10 2	0 22	4 16	2 2	34 7	11 19	21 22	21 15	26 31		n.a.
S 21	22 25	26 34	3 6	25 11	2 1	18 54	2 29	23 15	3 16	7 25	0 52	7 32	2 7	10 2	0 22	4 15	2 2	34 7	11 19	21 23	21 15	26 31		n.a.
S 22	22 16	25 39	1 53	24 58	2 0	19 10	2 26	23 14	3 15	7 27	0 51	7 33	2 6	10 2	0 22	4 15	2 2	34 7	11 19	21 23	21 16	26 31		n.a.
M23	22 6	22 53	0 32	24 44	1 59	19 26	2 22	23 14	3 14	7 29	0 51	7 34	2 6	10 2	0 22	4 14	2 1	34 6	11 19	21 23	21 17	26 30		n.a.
T 24	21 57	18 36	0s50	24 27	1 58	19 41	2 18	23 13	3 13	7 31	0 51	7 35	2 6	10 2	0 22	4 14	2 1	34 6	11 19	21 23	21 17	26 30		n.a.
W25	21 46	13 15	2 8	24 8	1 56	19 55	2 14	23 13	3 12	7 33	0 51	7 36	2 5	10 3	0 22	4 13	2 1	34 6	11 19	21 23	21 18	26 30		n.a.
T 26	21 36	7 21	3 15	23 47	1 53	20 9	2 10	23 13	3 11	7 36	0 50	7 37	2 5	10 3	0 22	4 13	2 1	34 6	11 19	21 23	21 19	26 30		n.a.
F 27	21 25	1 16	4 9	23 24	1 50	20 23	2 6	23 14	3 10	7 38	0 50	7 38	2 5	10 3	0 22	4 12	2 1	34 6	11 19	21 23	21 19	26 30		n.a.
S 28	21 13	4s40	4 48	22 59	1 47	20 36	2 2	23 14	3 9	7 41	0 50	7 39	2 4	10 3	0 22	4 11	2 1	34 6	11 19	21 23	21 20	26 30		n.a.
S 29	21 1	10 12	5 11	22 31	1 42	20 49	1 58	23 14	3 8	7 43	0 50	7 41	2 4	10 4	0 22	4 11	2 1	34 6	11 19	21 23	21 20	26 29		n.a.
M30	20 49	15 11	5 18	22 2	1 38	21 1	1 54	23 15	3 7	7 46	0 49	7 42	2 4	10 4	0 22	4 10	2 1	34 5	11 19	21 23	21 21	26 29		n.a.
T 31	20s37	19s25	5s10	21s30	1s32	21s13	1n50	23n16	3n 6	7n48	0s49	7n43	2s 4	10n 4	0s22	4s10	2s 1	34s 5	11s19	21s23	21s22	26s29		n.a.

Julian Day Number = 1204229.5, Delta T = 09h19m26s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'50, Lahiri = -23°29'50 Julian Calendar 1 Jan. 1416 BCE == Greg. Calendar 19 Dec. 1417 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

FEBRUARY 1416 BCE (-1415) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 54 4	0♒30'19	20♏26	4♒15	16♐30	28♉55	21♈42	24♈28	26♈32	24♓18	16♋14	25♋42	25♋45	20♐10	n.a.	W 1
T 2	7 58 1	1°30'00	2♐19	6°13	17°38	29° 4	21°49	24°31	26°33	24°19	16°16	25°43	25°42	20°16	n.a.	T 2
F 3	8 1 57	2°29'39	14° 7	8°12	18°46	29°13	21°56	24°34	26°34	24°21	16°17	25°44	25°39	20°23	n.a.	F 3
S 4	8 5 54	3°29'16	25°56	10°12	19°55	29°23	22° 3	24°37	26°35	24°22	16°19	25°44	25°36	20°30	n.a.	S 4
S 5	8 9 50	4°28'51	7♋47	12°11	21° 3	29°34	22°10	24°41	26°36	24°24	16°21	25°45	25°32	20°36	n.a.	S 5
M 6	8 13 47	5°28'24	19°45	14°10	22°12	29°45	22°17	24°44	26°37	24°26	16°22	25°R46	25°29	20°43	n.a.	M 6
T 7	8 17 44	6°27'55	1♒51	16° 8	23°21	29°57	22°24	24°47	26°38	24°27	16°24	25°46	25°26	20°50	n.a.	T 7
W 8	8 21 40	7°27'24	14° 7	18° 5	24°29	0♊ 9	22°32	24°51	26°40	24°29	16°25	25°45	25°23	20°56	n.a.	W 8
T 9	8 25 37	8°26'50	26°35	20° 1	25°38	0°22	22°40	24°54	26°41	24°31	16°27	25°44	25°20	21° 3	n.a.	T 9
F 10	8 29 33	9°26'15	9♓15	21°56	26°47	0°36	22°47	24°58	26°42	24°32	16°29	25°42	25°16	21°10	n.a.	F 10
S 11	8 33 30	10°25'36	22° 9	23°48	27°56	0°49	22°55	25° 2	26°43	24°34	16°30	25°40	25°13	21°16	n.a.	S 11
S 12	8 37 26	11°24'56	5♈17	25°38	29° 5	1° 4	23° 3	25° 6	26°45	24°36	16°32	25°38	25°10	21°23	n.a.	S 12
M13	8 41 23	12°24'13	18°40	27°26	0♋15	1°19	23°12	25°10	26°46	24°37	16°33	25°36	25° 7	21°30	n.a.	M13
T 14	8 45 19	13°23'27	2♉18	29° 9	1°24	1°34	23°20	25°14	26°48	24°39	16°35	25°35	25° 4	21°36	n.a.	T 14
W15	8 49 16	14°22'39	16°10	0♓49	2°33	1°50	23°29	25°18	26°49	24°41	16°36	25°D35	25° 1	21°43	n.a.	W15
T 16	8 53 12	15°21'49	0♊18	2°25	3°43	2° 6	23°37	25°22	26°51	24°43	16°38	25°35	24°57	21°50	n.a.	T 16
F 17	8 57 9	16°20'56	14°38	3°57	4°52	2°23	23°46	25°27	26°53	24°45	16°39	25°36	24°54	21°56	n.a.	F 17
S 18	9 1 6	17°20'01	29° 9	5°23	6° 2	2°40	23°55	25°31	26°54	24°47	16°41	25°38	24°51	22° 3	n.a.	S 18
S 19	9 5 2	18°19'03	13♋46	6°44	7°11	2°57	24° 4	25°36	26°56	24°48	16°42	25°39	24°48	22°10	n.a.	S 19
M20	9 8 59	19°18'03	28°25	8° 0	8°21	3°15	24°13	25°40	26°58	24°50	16°44	25°R39	24°45	22°16	n.a.	M20
T 21	9 12 55	20°17'01	12♌59	9°10	9°31	3°33	24°22	25°45	26°59	24°52	16°45	25°38	24°41	22°23	n.a.	T 21
W22	9 16 52	21°15'56	27°22	10°13	10°41	3°52	24°31	25°50	27° 1	24°54	16°47	25°36	24°38	22°30	n.a.	W22
T 23	9 20 48	22°14'49	11♍28	11°11	11°51	4°11	24°41	25°55	27° 3	24°56	16°48	25°33	24°35	22°36	n.a.	T 23
F 24	9 24 45	23°13'40	25°13	12° 2	13° 1	4°31	24°50	25°59	27° 5	24°58	16°50	25°29	24°32	22°43	n.a.	F 24
S 25	9 28 41	24°12'29	8♎36	12°46	14°11	4°50	25° 0	26° 4	27° 7	25° 0	16°51	25°24	24°29	22°50	n.a.	S 25
S 26	9 32 38	25°11'16	21°35	13°24	15°21	5°10	25°10	26°10	27° 9	25° 2	16°52	25°20	24°26	22°56	n.a.	S 26
M27	9 36 34	26°10'01	4♏12	13°55	16°31	5°31	25°20	26°15	27°11	25° 4	16°54	25°17	24°22	23° 3	n.a.	M27
T 28	9 40 31	27♒ 8'44	16♏30	14♓20	17♋41	5♊52	25♈30	26♈20	27♈13	25♓ 6	16♋55	25♋15	24♋19	23♐10	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s24	22s48	4s49	20s56	1s26	21s24	1n46	23n17	3n 5	7n51	0s49	7n44	2s 3	10n 4	0s22	4s 9	2s 1	34s 5	11s20	21s23	21s22	26s29		n.a.
T 2	20 11	25 9	4 15	20 20	1 19	21 35	1 42	23 18	3 4	7 54	0 49	7 46	2 3	10 5	0 22	4 8	2 1	34 5	11 20	21 23	21 23	26 29		n.a.
F 3	19 57	26 24	3 31	19 42	1 12	21 45	1 38	23 19	3 3	7 57	0 48	7 47	2 3	10 5	0 22	4 8	2 1	34 5	11 20	21 22	21 23	26 28		n.a.
S 4	19 43	26 26	2 38	19 2	1 4	21 54	1 34	23 20	3 2	8 0	0 48	7 49	2 2	10 6	0 22	4 7	2 1	34 5	11 20	21 22	21 24	26 28		n.a.
S 5	19 29	25 16	1 38	18 20	0 55	22 3	1 30	23 21	3 1	8 2	0 48	7 50	2 2	10 6	0 22	4 6	2 1	34 5	11 20	21 22	21 25	26 28		n.a.
M 6	19 14	22 56	0 33	17 36	0 46	22 12	1 26	23 23	3 0	8 5	0 48	7 52	2 2	10 6	0 22	4 6	2 1	34 5	11 20	21 22	21 25	26 28		n.a.
T 7	18 59	19 33	0n34	16 52	0 36	22 20	1 22	23 24	2 59	8 8	0 47	7 53	2 2	10 7	0 22	4 5	2 1	34 5	11 20	21 22	21 26	26 28		n.a.
W 8	18 44	15 17	1 40	16 5	0 26	22 27	1 18	23 26	2 58	8 12	0 47	7 55	2 1	10 7	0 22	4 4	2 1	34 5	11 20	21 22	21 26	26 27		n.a.
T 9	18 28	10 20	2 43	15 18	0 15	22 34	1 14	23 28	2 57	8 15	0 47	7 56	2 1	10 8	0 22	4 3	2 1	34 5	11 21	21 22	21 27	26 27		n.a.
F 10	18 12	4 52	3 38	14 30	0 4	22 40	1 10	23 29	2 55	8 18	0 47	7 58	2 1	10 8	0 22	4 3	2 1	34 4	11 21	21 23	21 27	26 27		n.a.
S 11	17 56	0n52	4 24	13 42	0n 8	22 45	1 6	23 31	2 54	8 21	0 46	8 0	2 0	10 9	0 22	4 2	2 0	34 4	11 21	21 23	21 28	26 26		n.a.
S 12	17 40	6 39	4 56	12 53	0 20	22 50	1 2	23 33	2 53	8 24	0 46	8 1	2 0	10 9	0 22	4 1	2 0	34 4	11 21	21 24	21 29	26 26		n.a.
M13	17 23	12 15	5 14	12 4	0 33	22 54	0 58	23 36	2 52	8 28	0 46	8 3	2 0	10 10	0 22	4 0	2 0	34 4	11 21	21 24	21 29	26 26		n.a.
T 14	17 6	17 22	5 14	11 16	0 45	22 58	0 53	23 38	2 51	8 31	0 46	8 5	2 0	10 10	0 22	4 0	2 0	34 4	11 21	21 24	21 30	26 26		n.a.
W15	16 48	21 41	4 56	10 28	0 58	23 1	0 49	23 40	2 50	8 34	0 45	8 6	1 59	10 11	0 22	3 59	2 0	34 4	11 22	21 24	21 30	26 25		n.a.
T 16	16 31	24 48	4 20	9 41	1 11	23 3	0 45	23 42	2 49	8 38	0 45	8 8	1 59	10 12	0 21	3 58	2 0	34 4	11 22	21 24	21 31	26 25		n.a.
F 17	16 13	26 24	3 27	8 56	1 24	23 5	0 41	23 45	2 48	8 41	0 45	8 10	1 59	10 12	0 21	3 57	2 0	34 4	11 22	21 24	21 32	26 25		n.a.
S 18	15 55	26 13	2 21	8 12	1 37	23 6	0 37	23 47	2 47	8 45	0 45	8 12	1 59	10 13	0 21	3 57	2 0	34 4	11 22	21 24	21 32	26 24		n.a.
S 19	15 36	24 13	1 5	7 30	1 49	23 6	0 34	23 50	2 46	8 48	0 44	8 14	1 58	10 14	0 21	3 56	2 0	34 4	11 22	21 23	21 33	26 24		n.a.
M20	15 18	20 36	0s15	6 51	2 2	23 6	0 30	23 52	2 45	8 52	0 44	8 16	1 58	10 14	0 21	3 55	2 0	34 4	11 23	21 23	21 33	26 24		n.a.
T 21	14 59	15 43	1 34	6 13	2 13	23 5	0 26	23 55	2 44	8 56	0 44	8 18	1 58	10 15	0 21	3 54	2 0	34 4	11 23	21 23	21 34	26 23		n.a.
W22	14 40	10 1	2 46	5 39	2 25	23 4	0 22	23 57	2 43	8 59	0 44	8 20	1 58	10 16	0 21	3 53	2 0	34 4	11 23	21 24	21 34	26 23		n.a.
T 23	14 20	3 55	3 46	5 7	2 35	23 1	0 18	24 0	2 42	9 3	0 44	8 22	1 57	10 16	0 21	3 53	2 0	34 4	11 23	21 24	21 35	26 23		n.a.
F 24	14 1	2s12	4 31	4 38	2 45	22 59	0 14	24 3	2 41	9 7	0 43	8 24	1 57	10 17	0 21	3 52	2 0	34 4	11 23	21 25	21 36	26 22		n.a.
S 25	13 41	8 3	5 0	4 12	2 54	22 55	0 11	24 6	2 40	9 11	0 43	8 26	1 57	10 18	0 21	3 51	2 0	34 4	11 24	21 26	21 36	26 22		n.a.
S 26	13 21	13 22	5 13	3 50	3 3	22 51	0 7	24 8	2 39	9 14	0 43	8 28	1 57	10 19	0 21	3 50	2 0	34 4	11 24	21 27	21 37	26 22		n.a.
M27	13 1	17 59	5 9	3 31	3 10	22 46	0 3	24 11	2 38	9 18	0 43	8 30	1 56	10 19	0 21	3 49	2 0	34 4	11 24	21 27	21 37	26 21		n.a.
T 28	12s41	21s43	4s52	3s16	3n16	22s41	0s 0	24n14	2n37	9n22	0s43	8n32	1s56	10n20	0s21	3s48	2s 0	34s 4	11s24	21s28	21s38	26s21		n.a.

Julian Day Number = 1204260.5, Delta T = 09h19m24s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'46, Lahiri = -23°29'45 Julian Calendar 1 Feb. 1416 BCE == Greg. Calendar 19 Jan. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

MARCH 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 44 28	28♒ 7'26	28♏34	14♓37	18♑51	6♊13	25♈40	26♈25	27♈15	25♓ 8	16♑56	25°D14	24♑16	23♐16	n.a.	W 1
T 2	9 48 24	29° 6'06	10♐28	14°48	20° 2	6°34	25°50	26°31	27°18	25°10	16°58	25♑15	24°13	23°23	n.a.	T 2
F 3	9 52 21	0♓ 4'44	22°18	14°R53	21°12	6°56	26° 0	26°36	27°20	25°12	16°59	25°16	24°10	23°30	n.a.	F 3
S 4	9 56 17	1° 3'20	4♑ 7	14°51	22°23	7°18	26°11	26°42	27°22	25°14	17° 0	25°18	24° 7	23°36	n.a.	S 4
S 5	10 0 14	2° 1'54	16° 1	14°43	23°33	7°41	26°21	26°47	27°24	25°16	17° 2	25°20	24° 3	23°43	n.a.	S 5
M 6	10 4 10	3° 0'26	28° 4	14°29	24°44	8° 4	26°32	26°53	27°27	25°19	17° 3	25°R20	24° 0	23°50	n.a.	M 6
T 7	10 8 7	3°58'57	10♒20	14°10	25°54	8°27	26°42	26°59	27°29	25°21	17° 4	25°19	23°57	23°56	n.a.	T 7
W 8	10 12 3	4°57'25	22°50	13°46	27° 5	8°50	26°53	27° 5	27°32	25°23	17° 5	25°16	23°54	24° 3	n.a.	W 8
T 9	10 16 0	5°55'51	5♓36	13°17	28°15	9°14	27° 4	27°11	27°34	25°25	17° 7	25°11	23°51	24°10	n.a.	T 9
F 10	10 19 56	6°54'16	18°38	12°44	29°26	9°37	27°15	27°17	27°37	25°27	17° 8	25° 5	23°47	24°16	n.a.	F 10
S 11	10 23 53	7°52'38	1♈56	12° 8	0♒37	10° 2	27°26	27°23	27°39	25°29	17° 9	24°57	23°44	24°23	n.a.	S 11
S 12	10 27 50	8°50'58	15°27	11°30	1°48	10°26	27°37	27°29	27°42	25°31	17°10	24°50	23°41	24°30	n.a.	S 12
M13	10 31 46	9°49'16	29°10	10°50	2°59	10°51	27°48	27°35	27°44	25°34	17°11	24°44	23°38	24°36	n.a.	M13
T 14	10 35 43	10°47'32	13♉ 3	10° 8	4° 9	11°16	27°59	27°41	27°47	25°36	17°12	24°39	23°35	24°43	n.a.	T 14
W15	10 39 39	11°45'46	27° 2	9°27	5°20	11°41	28°11	27°47	27°50	25°38	17°13	24°36	23°32	24°50	n.a.	W15
T 16	10 43 36	12°43'58	11♊ 8	8°46	6°31	12° 6	28°22	27°54	27°52	25°40	17°15	24°D35	23°28	24°56	n.a.	T 16
F 17	10 47 32	13°42'07	25°17	8° 6	7°42	12°32	28°34	28° 0	27°55	25°42	17°16	24°35	23°25	25° 3	n.a.	F 17
S 18	10 51 29	14°40'15	9♋29	7°28	8°53	12°58	28°45	28° 7	27°58	25°45	17°17	24°37	23°22	25°10	n.a.	S 18
S 19	10 55 25	15°38'20	23°43	6°52	10° 4	13°24	28°57	28°13	28° 1	25°47	17°18	24°R37	23°19	25°16	n.a.	S 19
M20	10 59 22	16°36'23	7♌55	6°20	11°15	13°51	29° 9	28°20	28° 3	25°49	17°19	24°36	23°16	25°23	n.a.	M20
T 21	11 3 19	17°34'24	22° 2	5°51	12°27	14°17	29°20	28°26	28° 6	25°51	17°20	24°34	23°13	25°30	n.a.	T 21
W22	11 7 15	18°32'23	6♍ 2	5°26	13°38	14°44	29°32	28°33	28° 9	25°54	17°21	24°28	23° 9	25°36	n.a.	W22
T 23	11 11 12	19°30'20	19°50	5° 5	14°49	15°11	29°44	28°40	28°12	25°56	17°22	24°21	23° 6	25°43	n.a.	T 23
F 24	11 15 8	20°28'15	3♎22	4°48	16° 0	15°38	29°56	28°47	28°15	25°58	17°22	24°12	23° 3	25°50	n.a.	F 24
S 25	11 19 5	21°26'09	16°36	4°36	17°11	16° 6	0♉ 8	28°53	28°18	26° 0	17°23	24° 2	23° 0	25°56	n.a.	S 25
S 26	11 23 1	22°24'01	29°30	4°29	18°23	16°33	0°20	29° 0	28°21	26° 2	17°24	23°53	22°57	26° 3	n.a.	S 26
M27	11 26 58	23°21'52	12♏ 6	4°D26	19°34	17° 1	0°33	29° 7	28°24	26° 5	17°25	23°45	22°53	26°10	n.a.	M27
T 28	11 30 54	24°19'41	24°24	4°29	20°45	17°29	0°45	29°14	28°27	26° 7	17°26	23°38	22°50	26°16	n.a.	T 28
W29	11 34 51	25°17'29	6♐28	4°36	21°57	17°57	0°57	29°21	28°30	26° 9	17°27	23°34	22°47	26°23	n.a.	W29
T 30	11 38 47	26°15'16	18°23	4°47	23° 8	18°25	1°10	29°28	28°33	26°12	17°27	23°32	22°44	26°30	n.a.	T 30
F 31	11 42 44	27♓13'01	0♑12	5♓ 3	24♒20	18♊54	1♉22	29♈35	28♈36	26♓14	17♑28	23°D32	22♑41	26♐36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	12s20	24s27	4s22	3s 4	3n21	22s34	0s 4	24n17	2n36	9n26	0s42	8n35	1s56	10n21	0s21	3s48	2s 0	34s 4	11s24	21s28	21s38	26s20			n.a.
T 2	11 59	26 3	3 41	2 56	3 25	22 28	0 7	24 20	2 35	9 30	0 42	8 37	1 56	10 22	0 21	3 47	2 0	34 4	11 25	21 28	21 39	26 20			n.a.
F 3	11 38	26 28	2 51	2 52	3 28	22 20	0 11	24 22	2 34	9 34	0 42	8 39	1 55	10 23	0 21	3 46	2 0	34 4	11 25	21 27	21 40	26 20			n.a.
S 4	11 17	25 41	1 53	2 52	3 29	22 12	0 14	24 25	2 33	9 38	0 42	8 41	1 55	10 23	0 21	3 45	2 0	34 4	11 25	21 27	21 40	26 19			n.a.
S 5	10 56	23 43	0 51	2 55	3 29	22 4	0 18	24 28	2 32	9 42	0 42	8 43	1 55	10 24	0 21	3 44	2 0	34 4	11 25	21 27	21 41	26 19			n.a.
M 6	10 35	20 40	0n15	3 2	3 27	21 54	0 21	24 31	2 31	9 46	0 41	8 46	1 55	10 25	0 21	3 43	2 0	34 5	11 26	21 27	21 41	26 18			n.a.
T 7	10 13	16 40	1 21	3 13	3 24	21 44	0 24	24 34	2 30	9 50	0 41	8 48	1 54	10 26	0 21	3 42	2 0	34 5	11 26	21 27	21 42	26 18			n.a.
W 8	9 52	11 53	2 24	3 26	3 19	21 34	0 28	24 37	2 29	9 54	0 41	8 50	1 54	10 27	0 21	3 41	2 0	34 5	11 26	21 28	21 42	26 17			n.a.
T 9	9 30	6 31	3 21	3 43	3 13	21 23	0 31	24 39	2 28	9 58	0 41	8 53	1 54	10 28	0 21	3 41	2 0	34 5	11 26	21 29	21 43	26 17			n.a.
F 10	9 8	0 46	4 9	4 3	3 5	21 11	0 34	24 42	2 27	10 3	0 41	8 55	1 54	10 29	0 21	3 40	2 0	34 5	11 27	21 30	21 44	26 16			n.a.
S 11	8 46	5n 7	4 44	4 25	2 56	20 58	0 37	24 45	2 26	10 7	0 40	8 58	1 54	10 30	0 21	3 39	2 0	34 5	11 27	21 31	21 44	26 16			n.a.
S 12	8 24	10 51	5 4	4 50	2 46	20 45	0 40	24 48	2 25	10 11	0 40	9 0	1 53	10 31	0 21	3 38	2 0	34 5	11 27	21 32	21 45	26 15			n.a.
M13	8 1	16 9	5 8	5 16	2 34	20 32	0 43	24 50	2 24	10 15	0 40	9 2	1 53	10 32	0 21	3 37	1 59	34 5	11 27	21 33	21 45	26 15			n.a.
T 14	7 39	20 40	4 53	5 44	2 21	20 18	0 46	24 53	2 23	10 20	0 40	9 5	1 53	10 33	0 21	3 36	1 59	34 5	11 28	21 34	21 46	26 15			n.a.
W15	7 16	24 4	4 21	6 13	2 7	20 3	0 48	24 56	2 22	10 24	0 40	9 7	1 53	10 34	0 21	3 35	1 59	34 5	11 28	21 35	21 46	26 14			n.a.
T 16	6 54	26 1	3 33	6 42	1 52	19 48	0 51	24 58	2 21	10 28	0 39	9 10	1 53	10 35	0 21	3 34	1 59	34 6	11 28	21 35	21 47	26 13			n.a.
F 17	6 31	26 18	2 31	7 11	1 37	19 32	0 54	25 1	2 20	10 33	0 39	9 12	1 52	10 36	0 21	3 33	1 59	34 6	11 29	21 35	21 47	26 13			n.a.
S 18	6 8	24 51	1 21	7 40	1 21	19 15	0 56	25 3	2 19	10 37	0 39	9 15	1 52	10 37	0 21	3 32	1 59	34 6	11 29	21 35	21 48	26 12			n.a.
S 19	5 46	21 49	0 5	8 9	1 5	18 59	0 59	25 6	2 18	10 41	0 39	9 17	1 52	10 38	0 21	3 32	1 59	34 6	11 29	21 35	21 49	26 12			n.a.
M20	5 23	17 28	1s11	8 36	0 48	18 41	1 1	25 8	2 18	10 46	0 39	9 20	1 52	10 39	0 21	3 31	1 59	34 6	11 29	21 35	21 49	26 11			n.a.
T 21	5 0	12 10	2 22	9 2	0 32	18 23	1 4	25 11	2 17	10 50	0 39	9 22	1 52	10 40	0 21	3 30	1 59	34 6	11 30	21 35	21 50	26 11			n.a.
W22	4 37	6 19	3 23	9 27	0 15	18 5	1 6	25 13	2 16	10 54	0 38	9 25	1 51	10 41	0 21	3 29	1 59	34 6	11 30	21 36	21 50	26 10			n.a.
T 23	4 14	0 15	4 12	9 49	0s 1	17 46	1 8	25 15	2 15	10 59	0 38	9 28	1 51	10 42	0 21	3 28	1 59	34 7	11 30	21 38	21 51	26 10			n.a.
F 24	3 50	5s43	4 45	10 10	0 16	17 26	1 10	25 17	2 14	11 3	0 38	9 30	1 51	10 43	0 21	3 27	1 59	34 7	11 31	21 39	21 51	26 9			n.a.
S 25	3 27	11 16	5 2	10 29	0 32	17 6	1 13	25 20	2 13	11 8	0 38	9 33	1 51	10 44	0 21	3 26	1 59	34 7	11 31	21 41	21 52	26 9			n.a.
S 26	3 4	16 12	5 4	10 45	0 46	16 46	1 15	25 22	2 12	11 12	0 38	9 35	1 51	10 45	0 21	3 25	1 59	34 7	11 31	21 43	21 52	26 8			n.a.
M27	2 41	20 19	4 50	10 59	1 0	16 25	1 16	25 24	2 11	11 17	0 38	9 38	1 51	10 46	0 21	3 24	1 59	34 7	11 32	21 44	21 53	26 7			n.a.
T 28	2 17	23 26	4 23	11 11	1 14	16 4	1 18	25 26	2 10	11 21	0 37	9 41	1 50	10 48	0 21	3 23	1 59	34 7	11 32	21 45	21 53	26 7			n.a.
W29	1 54	25 27	3 44	11 20	1 26	15 42	1 20	25 27	2 10	11 26	0 37	9 43	1 50	10 49	0 21	3 22	1 59	34 8	11 32	21 46	21 54	26 6			n.a.
T 30	1 31	26 16	2 56	11 26	1 38	15 20	1 22	25 29	2 9	11 30	0 37	9 46	1 50	10 50	0 21	3 22	1 59	34 8	11 32	21 46	21 54	26 6			n.a.
F 31	1s 8	25s53	2s 1	11s31	1s49	14s57	1s24	25n31	2n 8	11n35	0s37	9n49	1s50	10n51	0s21	3s21	1s59	34s 8	11s33	21s46	21s55	26s 5			n.a.

Julian Day Number = 1204288.5, Delta T = 09h19m23s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'42, Lahiri = -23°29'42 Julian Calendar 1 March 1416 BCE == Greg. Calendar 16 Feb. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

APRIL 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 46 41	28♓10'45	12♉ 2	5♓24	25♒31	19♊23	1♋34	29♈42	28♈40	26♓16	17♉29	23♉33	22♉38	26♐43	n.a.	S 1
S 2	11 50 37	29° 8'28	23°58	5°49	26°43	19°52	1°47	29°50	28°43	26°18	17°30	23°R33	22°34	26°49	n.a.	S 2
M 3	11 54 34	0♈ 6'09	6♒ 5	6°19	27°54	20°21	2° 0	29°57	28°46	26°21	17°30	23°32	22°31	26°56	n.a.	M 3
T 4	11 58 30	1° 3'49	18°27	6°52	29° 6	20°50	2°12	0♋ 4	28°49	26°23	17°31	23°29	22°28	27° 3	n.a.	T 4
W 5	12 2 27	2° 1'28	1♓ 8	7°29	0♓17	21°19	2°25	0°11	28°52	26°25	17°32	23°24	22°25	27° 9	n.a.	W 5
T 6	12 6 23	2°59'05	14° 9	8°11	1°29	21°49	2°38	0°19	28°56	26°27	17°32	23°17	22°22	27°16	n.a.	T 6
F 7	12 10 20	3°56'41	27°31	8°56	2°41	22°19	2°50	0°26	28°59	26°30	17°33	23° 7	22°18	27°23	n.a.	F 7
S 8	12 14 16	4°54'16	11♈13	9°44	3°52	22°49	3° 3	0°34	29° 2	26°32	17°33	22°56	22°15	27°29	n.a.	S 8
S 9	12 18 13	5°51'49	25°10	10°36	5° 4	23°19	3°16	0°41	29° 5	26°34	17°34	22°45	22°12	27°36	n.a.	S 9
M10	12 22 10	6°49'21	9♋19	11°31	6°16	23°49	3°29	0°48	29° 9	26°36	17°35	22°35	22° 9	27°43	n.a.	M10
T 11	12 26 6	7°46'52	23°35	12°30	7°28	24°19	3°42	0°56	29°12	26°38	17°35	22°27	22° 6	27°49	n.a.	T 11
W12	12 30 3	8°44'21	7♊52	13°31	8°39	24°50	3°55	1° 3	29°15	26°41	17°35	22°21	22° 3	27°56	n.a.	W12
T 13	12 33 59	9°41'49	22° 7	14°36	9°51	25°20	4° 8	1°11	29°19	26°43	17°36	22°18	21°59	28° 3	n.a.	T 13
F 14	12 37 56	10°39'15	6♌18	15°44	11° 3	25°51	4°21	1°19	29°22	26°45	17°36	22°D17	21°56	28° 9	n.a.	F 14
S 15	12 41 52	11°36'40	20°23	16°54	12°15	26°22	4°34	1°26	29°26	26°47	17°37	22°R17	21°53	28°16	n.a.	S 15
S 16	12 45 49	12°34'03	4♎21	18° 8	13°27	26°53	4°47	1°34	29°29	26°49	17°37	22°17	21°50	28°23	n.a.	S 16
M17	12 49 45	13°31'25	18°12	19°24	14°39	27°25	5° 0	1°41	29°33	26°52	17°38	22°15	21°47	28°29	n.a.	M17
T 18	12 53 42	14°28'45	1♏56	20°43	15°51	27°56	5°14	1°49	29°36	26°54	17°38	22°11	21°44	28°36	n.a.	T 18
W19	12 57 39	15°26'04	15°30	22° 5	17° 3	28°27	5°27	1°57	29°39	26°56	17°38	22° 4	21°40	28°43	n.a.	W19
T 20	13 1 35	16°23'22	28°54	23°29	18°15	28°59	5°40	2° 5	29°43	26°58	17°38	21°54	21°37	28°49	n.a.	T 20
F 21	13 5 32	17°20'39	12♐ 6	24°56	19°27	29°31	5°53	2°12	29°46	27° 0	17°39	21°42	21°34	28°56	n.a.	F 21
S 22	13 9 28	18°17'55	25° 3	26°25	20°39	0♑ 3	6° 7	2°20	29°50	27° 2	17°39	21°30	21°31	29° 3	n.a.	S 22
S 23	13 13 25	19°15'10	7♑45	27°58	21°51	0°35	6°20	2°28	29°53	27° 5	17°39	21°17	21°28	29° 9	n.a.	S 23
M24	13 17 21	20°12'24	20°12	29°32	23° 3	1° 7	6°33	2°36	29°57	27° 7	17°39	21° 6	21°24	29°16	n.a.	M24
T 25	13 21 18	21° 9'37	2♐25	1♈ 9	24°15	1°39	6°47	2°43	0♋ 0	27° 9	17°39	20°57	21°21	29°23	n.a.	T 25
W26	13 25 14	22° 6'50	14°26	2°49	25°27	2°11	7° 0	2°51	0° 4	27°11	17°40	20°51	21°18	29°29	n.a.	W26
T 27	13 29 11	23° 4'02	26°19	4°32	26°39	2°44	7°14	2°59	0° 7	27°13	17°40	20°47	21°15	29°36	n.a.	T 27
F 28	13 33 8	24° 1'14	8♉ 8	6°16	27°51	3°16	7°27	3° 7	0°11	27°15	17°40	20°45	21°12	29°43	n.a.	F 28
S 29	13 37 4	24°58'25	19°58	8° 4	29° 4	3°49	7°41	3°15	0°14	27°17	17°40	20°45	21° 9	29°49	n.a.	S 29
S 30	13 41 1	25♈55'36	1♒53	9♈53	0♈16	4♌22	7♋54	3♋23	0♋18	27♓19	17♉40	20♉45	21♉ 5	29♐56	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s44	24s19	1s 1	11s32	1s59	14s34	1s25	25n32	2n 7	11n39	0s37	9n51	1s50	10n52	0s21	3s20	1s59	34s 8	11s33	21s46	21s56	26s 4		n.a.
S 2	0 21	21 39	0n 2	11 32	2 9	14 11	1 27	25 34	2 6	11 44	0 37	9 54	1 50	10 53	0 21	3 19	1 59	34 8	11 33	21 46	21 56	26 4		n.a.
M 3	0n 2	18 1	1 6	11 29	2 17	13 47	1 28	25 35	2 5	11 48	0 36	9 57	1 49	10 54	0 20	3 18	1 59	34 9	11 34	21 46	21 57	26 3		n.a.
T 4	0 26	13 32	2 9	11 23	2 25	13 23	1 29	25 37	2 4	11 53	0 36	10 0	1 49	10 56	0 20	3 17	1 59	34 9	11 34	21 47	21 57	26 3		n.a.
W 5	0 49	8 22	3 6	11 15	2 32	12 58	1 31	25 38	2 4	11 58	0 36	10 2	1 49	10 57	0 20	3 16	1 59	34 9	11 34	21 48	21 58	26 2		n.a.
T 6	1 12	2 44	3 55	11 5	2 38	12 34	1 32	25 39	2 3	12 2	0 36	10 5	1 49	10 58	0 20	3 15	1 59	34 9	11 35	21 49	21 58	26 1		n.a.
F 7	1 36	3n 9	4 33	10 53	2 44	12 8	1 33	25 40	2 2	12 7	0 36	10 8	1 49	10 59	0 20	3 14	1 59	34 10	11 35	21 51	21 59	26 1		n.a.
S 8	1 59	9 2	4 56	10 39	2 48	11 43	1 34	25 41	2 1	12 11	0 36	10 11	1 49	11 0	0 20	3 13	1 59	34 10	11 35	21 52	21 59	26 0		n.a.
S 9	2 22	14 34	5 1	10 22	2 52	11 17	1 35	25 42	2 0	12 16	0 36	10 13	1 48	11 2	0 20	3 13	1 59	34 10	11 36	21 54	22 0	25 59		n.a.
M10	2 45	19 24	4 49	10 3	2 55	10 51	1 36	25 42	1 59	12 21	0 35	10 16	1 48	11 3	0 20	3 12	1 59	34 10	11 36	21 56	22 0	25 59		n.a.
T 11	3 8	23 10	4 19	9 43	2 57	10 25	1 37	25 43	1 59	12 25	0 35	10 19	1 48	11 4	0 20	3 11	1 59	34 11	11 36	21 57	22 1	25 58		n.a.
W12	3 31	25 30	3 32	9 20	2 59	9 58	1 37	25 43	1 58	12 30	0 35	10 22	1 48	11 5	0 20	3 10	1 59	34 11	11 37	21 58	22 1	25 57		n.a.
T 13	3 54	26 10	2 33	8 55	3 0	9 31	1 38	25 44	1 57	12 34	0 35	10 24	1 48	11 6	0 20	3 9	1 59	34 11	11 37	21 59	22 2	25 56		n.a.
F 14	4 17	25 6	1 24	8 29	3 0	9 4	1 38	25 44	1 56	12 39	0 35	10 27	1 48	11 8	0 20	3 8	1 59	34 11	11 37	21 59	22 2	25 56		n.a.
S 15	4 40	22 27	0 10	8 0	2 59	8 36	1 39	25 44	1 55	12 44	0 35	10 30	1 48	11 9	0 20	3 7	2 0	34 12	11 38	21 59	22 3	25 55		n.a.
S 16	5 3	18 29	1s 3	7 30	2 58	8 9	1 39	25 44	1 55	12 48	0 35	10 33	1 48	11 10	0 20	3 6	2 0	34 12	11 38	21 59	22 3	25 54		n.a.
M17	5 26	13 33	2 13	6 58	2 56	7 41	1 40	25 44	1 54	12 53	0 34	10 36	1 47	11 11	0 20	3 6	2 0	34 12	11 38	21 59	22 4	25 54		n.a.
T 18	5 48	7 58	3 13	6 24	2 54	7 13	1 40	25 44	1 53	12 57	0 34	10 38	1 47	11 13	0 20	3 5	2 0	34 12	11 39	22 0	22 4	25 53		n.a.
W19	6 11	2 6	4 2	5 48	2 50	6 44	1 40	25 43	1 52	13 2	0 34	10 41	1 47	11 14	0 20	3 4	2 0	34 13	11 39	22 1	22 5	25 52		n.a.
T 20	6 33	3s47	4 37	5 10	2 47	6 16	1 40	25 43	1 51	13 7	0 34	10 44	1 47	11 15	0 20	3 3	2 0	34 13	11 39	22 3	22 5	25 51		n.a.
F 21	6 56	9 23	4 56	4 31	2 42	5 47	1 40	25 42	1 51	13 11	0 34	10 47	1 47	11 16	0 20	3 2	2 0	34 13	11 40	22 5	22 6	25 51		n.a.
S 22	7 18	14 30	5 0	3 50	2 37	5 18	1 40	25 42	1 50	13 16	0 34	10 50	1 47	11 18	0 20	3 1	2 0	34 14	11 40	22 7	22 7	25 50		n.a.
S 23	7 40	18 52	4 48	3 8	2 31	4 49	1 40	25 41	1 49	13 20	0 34	10 52	1 47	11 19	0 20	3 0	2 0	34 14	11 40	22 9	22 7	25 49		n.a.
M24	8 2	22 19	4 23	2 24	2 25	4 20	1 40	25 40	1 48	13 25	0 34	10 55	1 47	11 20	0 20	3 0	2 0	34 14	11 41	22 10	22 8	25 48		n.a.
T 25	8 24	24 42	3 46	1 38	2 18	3 51	1 40	25 39	1 48	13 30	0 33	10 58	1 47	11 21	0 20	2 59	2 0	34 15	11 41	22 12	22 8	25 47		n.a.
W26	8 46	25 54	3 0	0 52	2 11	3 21	1 39	25 37	1 47	13 34	0 33	11 1	1 47	11 23	0 20	2 58	2 0	34 15	11 41	22 13	22 9	25 47		n.a.
T 27	9 7	25 54	2 6	0 3	2 3	2 52	1 39	25 36	1 46	13 39	0 33	11 4	1 46	11 24	0 20	2 57	2 0	34 15	11 42	22 13	22 9	25 46		n.a.
F 28	9 29	24 43	1 6	0n47	1 55	2 22	1 39	25 35	1 45	13 43	0 33	11 6	1 46	11 25	0 20	2 56	2 0	34 16	11 42	22 14	22 10	25 45		n.a.
S 29	9 50	22 25	0 4	1 38	1 46	1 52	1 38	25 33	1 45	13 48	0 33	11 9	1 46	11 27	0 20	2 56	2 0	34 16	11 42	22 14	22 10	25 44		n.a.
S 30	10n11	19s 8	0n59	2n30	1s37	1s23	1s37	25n31	1n44	13n52	0s33	11n12	1s46	11n28	0s20	2s55	2s 0	34s16	11s43	22s14	22s11	25s43		n.a.

Julian Day Number = 1204319.5, Delta T = 09h19m21s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'38, Lahiri = -23°29'37 Julian Calendar 1 Apr. 1416 BCE == Greg. Calendar 19 March 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

MAY 1416 BCE (-1415) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 44 57	26♈52'46	14♒ 1	11♈46	1♈28	4♋55	8♉ 8	3♉31	0♉21	27♓21	17°R40	20°R44	21♑ 2	0♑ 3	n.a.	M 1
T 2	13 48 54	27°49'56	26°25	13°40	2°40	5°28	8°21	3°38	0°25	27°23	17♑40	20♑41	20°59	0° 9	n.a.	T 2
W 3	13 52 50	28°47'06	9♓11	15°37	3°53	6° 1	8°35	3°46	0°29	27°25	17°40	20°36	20°56	0°16	n.a.	W 3
T 4	13 56 47	29°44'15	22°20	17°36	5° 5	6°34	8°48	3°54	0°32	27°27	17°40	20°29	20°53	0°23	n.a.	T 4
F 5	14 0 43	0♉41'24	5♈55	19°37	6°18	7° 7	9° 2	4° 2	0°36	27°29	17°40	20°19	20°49	0°29	n.a.	F 5
S 6	14 4 40	1°38'32	19°54	21°40	7°30	7°41	9°15	4°10	0°39	27°31	17°40	20° 8	20°46	0°36	n.a.	S 6
S 7	14 8 37	2°35'40	4♉13	23°45	8°42	8°15	9°29	4°18	0°43	27°33	17°39	19°57	20°43	0°42	n.a.	S 7
M 8	14 12 33	3°32'48	18°47	25°51	9°55	8°48	9°43	4°26	0°46	27°35	17°39	19°47	20°40	0°49	n.a.	M 8
T 9	14 16 30	4°29'55	3♊27	27°59	11° 7	9°22	9°56	4°34	0°50	27°37	17°39	19°39	20°37	0°56	n.a.	T 9
W10	14 20 26	5°27'02	18° 7	0♋ 8	12°20	9°56	10°10	4°42	0°53	27°39	17°39	19°33	20°34	1° 2	n.a.	W10
T 11	14 24 23	6°24'08	2♋40	2°18	13°32	10°30	10°24	4°50	0°57	27°40	17°39	19°30	20°30	1° 9	n.a.	T 11
F 12	14 28 19	7°21'14	17° 3	4°29	14°45	11° 4	10°37	4°58	1° 0	27°42	17°38	19°D29	20°27	1°16	n.a.	F 12
S 13	14 32 16	8°18'19	1♌12	6°40	15°57	11°38	10°51	5° 6	1° 4	27°44	17°38	19°R30	20°24	1°22	n.a.	S 13
S 14	14 36 13	9°15'23	15° 7	8°51	17°10	12°13	11° 4	5°13	1° 8	27°46	17°38	19°30	20°21	1°29	n.a.	S 14
M15	14 40 9	10°12'27	28°48	11° 2	18°23	12°47	11°18	5°21	1°11	27°48	17°38	19°28	20°18	1°36	n.a.	M15
T 16	14 44 6	11° 9'30	12♍15	13°12	19°35	13°21	11°32	5°29	1°15	27°49	17°37	19°25	20°15	1°42	n.a.	T 16
W17	14 48 2	12° 6'33	25°30	15°22	20°48	13°56	11°45	5°37	1°18	27°51	17°37	19°19	20°11	1°49	n.a.	W17
T 18	14 51 59	13° 3'36	8♎33	17°31	22° 1	14°31	11°59	5°45	1°22	27°53	17°36	19°10	20° 8	1°56	n.a.	T 18
F 19	14 55 55	14° 0'38	21°23	19°39	23°13	15° 5	12°13	5°53	1°25	27°55	17°36	19° 0	20° 5	2° 2	n.a.	F 19
S 20	14 59 52	14°57'40	4♏ 1	21°45	24°26	15°40	12°26	6° 1	1°28	27°56	17°36	18°49	20° 2	2° 9	n.a.	S 20
S 21	15 3 48	15°54'43	16°28	23°51	25°39	16°15	12°40	6° 9	1°32	27°58	17°35	18°38	19°59	2°16	n.a.	S 21
M22	15 7 45	16°51'45	28°43	25°54	26°52	16°50	12°54	6°16	1°35	28° 0	17°35	18°28	19°55	2°22	n.a.	M22
T 23	15 11 42	17°48'48	10♐47	27°56	28° 4	17°25	13° 7	6°24	1°39	28° 1	17°34	18°20	19°52	2°29	n.a.	T 23
W24	15 15 38	18°45'50	22°43	29°56	29°17	18° 0	13°21	6°32	1°42	28° 3	17°34	18°15	19°49	2°36	n.a.	W24
T 25	15 19 35	19°42'54	4♑33	1♊54	0♉30	18°36	13°34	6°40	1°46	28° 4	17°33	18°12	19°46	2°42	n.a.	T 25
F 26	15 23 31	20°39'57	16°20	3°51	1°43	19°11	13°48	6°48	1°49	28° 6	17°32	18°D11	19°43	2°49	n.a.	F 26
S 27	15 27 28	21°37'01	28° 9	5°45	2°56	19°47	14° 1	6°55	1°53	28° 7	17°32	18°11	19°40	2°56	n.a.	S 27
S 28	15 31 24	22°34'05	10♒ 4	7°38	4° 9	20°22	14°15	7° 3	1°56	28° 9	17°31	18°12	19°36	3° 2	n.a.	S 28
M29	15 35 21	23°31'10	22°11	9°29	5°22	20°58	14°29	7°11	1°59	28°10	17°31	18°R13	19°33	3° 9	n.a.	M29
T 30	15 39 18	24°28'15	4♓34	11°17	6°35	21°34	14°42	7°19	2° 3	28°12	17°30	18°12	19°30	3°16	n.a.	T 30
W31	15 43 14	25♉25'21	17♓19	13♊ 4	7♉48	22♋ 9	14♉56	7♉26	2♉ 6	28♓13	17♑29	18♑10	19♑27	3♑22	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	10n32	15s 0	2n 0	3n23	1s28	0s53	1s37	25n29	1n43	13n57	0s33	11n15	1s46	11n29	0s20	2s54	2s 0	34s17	11s43	22s14	22s11	25s43			n.a.
T 2	10 53	10 10	2 57	4 18	1 18	0 23	1 36	25 27	1 42	14 1	0 33	11 18	1 46	11 30	0 20	2 53	2 0	34 17	11 43	22 14	22 12	25 42			n.a.
W 3	11 14	4 46	3 47	5 13	1 8	0n 7	1 35	25 25	1 41	14 6	0 33	11 20	1 46	11 32	0 20	2 52	2 0	34 17	11 44	22 15	22 12	25 41			n.a.
T 4	11 35	0n58	4 26	6 9	0 57	0 37	1 34	25 22	1 41	14 11	0 32	11 23	1 46	11 33	0 20	2 52	2 0	34 18	11 44	22 16	22 13	25 40			n.a.
F 5	11 55	6 51	4 52	7 5	0 47	1 7	1 33	25 20	1 40	14 15	0 32	11 26	1 46	11 34	0 20	2 51	2 0	34 18	11 44	22 18	22 13	25 39			n.a.
S 6	12 15	12 33	5 1	8 2	0 36	1 37	1 32	25 17	1 39	14 20	0 32	11 29	1 46	11 35	0 20	2 50	2 0	34 18	11 45	22 19	22 14	25 38			n.a.
S 7	12 35	17 43	4 52	8 59	0 25	2 7	1 31	25 14	1 38	14 24	0 32	11 31	1 46	11 37	0 20	2 49	2 0	34 19	11 45	22 21	22 14	25 38			n.a.
M 8	12 55	21 56	4 24	9 57	0 14	2 37	1 30	25 11	1 38	14 29	0 32	11 34	1 46	11 38	0 20	2 49	2 0	34 19	11 45	22 23	22 14	25 37			n.a.
T 9	13 15	24 47	3 38	10 54	0 3	3 7	1 29	25 8	1 37	14 33	0 32	11 37	1 46	11 39	0 20	2 48	2 0	34 19	11 46	22 24	22 15	25 36			n.a.
W10	13 34	25 57	2 38	11 50	0n 7	3 37	1 28	25 5	1 36	14 37	0 32	11 40	1 45	11 40	0 20	2 47	2 0	34 20	11 46	22 25	22 15	25 35			n.a.
T 11	13 53	25 18	1 28	12 46	0 18	4 7	1 26	25 2	1 35	14 42	0 32	11 42	1 45	11 42	0 20	2 46	2 0	34 20	11 46	22 25	22 16	25 34			n.a.
F 12	14 12	22 58	0 13	13 41	0 28	4 36	1 25	24 58	1 35	14 46	0 32	11 45	1 45	11 43	0 20	2 46	2 0	34 20	11 47	22 25	22 16	25 33			n.a.
S 13	14 31	19 14	1s 2	14 35	0 38	5 6	1 24	24 54	1 34	14 51	0 31	11 48	1 45	11 44	0 20	2 45	2 0	34 21	11 47	22 25	22 17	25 32			n.a.
S 14	14 50	14 29	2 12	15 27	0 48	5 36	1 22	24 50	1 33	14 55	0 31	11 51	1 45	11 45	0 20	2 44	2 0	34 21	11 47	22 25	22 17	25 31			n.a.
M15	15 8	9 5	3 13	16 18	0 57	6 5	1 21	24 46	1 33	15 0	0 31	11 53	1 45	11 47	0 20	2 44	2 0	34 21	11 48	22 25	22 18	25 30			n.a.
T 16	15 26	3 22	4 2	17 7	1 5	6 35	1 19	24 42	1 32	15 4	0 31	11 56	1 45	11 48	0 20	2 43	2 1	34 22	11 48	22 26	22 18	25 29			n.a.
W17	15 44	2s25	4 38	17 54	1 13	7 4	1 17	24 38	1 31	15 8	0 31	11 59	1 45	11 49	0 20	2 42	2 1	34 22	11 48	22 27	22 19	25 29			n.a.
T 18	16 2	8 0	4 58	18 39	1 21	7 33	1 16	24 33	1 30	15 13	0 31	12 1	1 45	11 50	0 20	2 42	2 1	34 23	11 49	22 28	22 19	25 28			n.a.
F 19	16 19	13 9	5 3	19 22	1 28	8 2	1 14	24 28	1 30	15 17	0 31	12 4	1 45	11 52	0 20	2 41	2 1	34 23	11 49	22 29	22 20	25 27			n.a.
S 20	16 37	17 39	4 53	20 2	1 34	8 31	1 12	24 24	1 29	15 21	0 31	12 7	1 45	11 53	0 20	2 40	2 1	34 23	11 49	22 31	22 20	25 26			n.a.
S 21	16 53	21 20	4 29	20 40	1 39	9 0	1 10	24 19	1 28	15 26	0 31	12 9	1 45	11 54	0 20	2 40	2 1	34 24	11 50	22 32	22 21	25 25			n.a.
M22	17 10	24 0	3 52	21 15	1 44	9 28	1 9	24 14	1 27	15 30	0 31	12 12	1 45	11 55	0 20	2 39	2 1	34 24	11 50	22 34	22 21	25 24			n.a.
T 23	17 27	25 32	3 6	21 48	1 48	9 56	1 7	24 8	1 27	15 34	0 30	12 15	1 45	11 57	0 20	2 39	2 1	34 24	11 50	22 35	22 22	25 23			n.a.
W24	17 43	25 51	2 12	22 19	1 52	10 25	1 5	24 3	1 26	15 38	0 30	12 17	1 45	11 58	0 20	2 38	2 1	34 25	11 51	22 36	22 22	25 22			n.a.
T 25	17 58	24 59	1 12	22 47	1 55	10 52	1 3	23 57	1 25	15 43	0 30	12 20	1 45	11 59	0 20	2 37	2 1	34 25	11 51	22 36	22 23	25 21			n.a.
F 26	18 14	23 0	0 10	23 12	1 57	11 20	1 1	23 51	1 25	15 47	0 30	12 22	1 45	12 0	0 20	2 37	2 1	34 26	11 51	22 36	22 23	25 20			n.a.
S 27	18 29	20 2	0n53	23 35	1 58	11 47	0 59	23 45	1 24	15 51	0 30	12 25	1 45	12 1	0 20	2 36	2 1	34 26	11 51	22 36	22 24	25 19			n.a.
S 28	18 44	16 12	1 55	23 56	1 59	12 14	0 57	23 39	1 23	15 55	0 30	12 28	1 45	12 3	0 20	2 36	2 1	34 26	11 52	22 36	22 24	25 18			n.a.
M29	18 59	11 39	2 52	24 14	1 59	12 41	0 54	23 33	1 22	15 59	0 30	12 30	1 45	12 4	0 20	2 35	2 1	34 27	11 52	22 36	22 25	25 17			n.a.
T 30	19 13	6 33	3 43	24 29	1 59	13 8	0 52	23 27	1 22	16 4	0 30	12 33	1 45	12 5	0 20	2 35	2 1	34 27	11 52	22 36	22 25	25 16			n.a.
W31	19n27	1s 3	4n24	24n43	1n58	13n34	0s50	23n20	1n21	16n 8	0s30	12n35	1s45	12n 6	0s20	2s34	2s 1	34s27	11s53	22s36	22s25	25s15			n.a.

Julian Day Number = 1204349.5, Delta T = 09h19m19s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'34, Lahiri = -23°29'33 Julian Calendar 1 May 1416 BCE == Greg. Calendar 18 Apr. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

JUNE 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 47 11	26♉22'28	0♈29	14♊49	9♉ 1	22♋45	15♉ 9	7♉34	2♉ 9	28♓15	17°R28	18°R 6	19♑24	3♑29	n.a.	T 1
F 2	15 51 7	27°19'35	14° 7	16°32	10°14	23°21	15°23	7°42	2°13	28°16	17♑28	18♑ 0	19°21	3°35	n.a.	F 2
S 3	15 55 4	28°16'43	28°13	18°13	11°27	23°57	15°36	7°49	2°16	28°17	17°27	17°52	19°17	3°42	n.a.	S 3
S 4	15 59 0	29°13'52	12♉42	19°52	12°41	24°33	15°49	7°57	2°19	28°19	17°26	17°45	19°14	3°49	n.a.	S 4
M 5	16 2 57	0♊11'01	27°31	21°29	13°54	25°10	16° 3	8° 4	2°22	28°20	17°25	17°38	19°11	3°55	n.a.	M 5
T 6	16 6 53	1° 8'11	12♊30	23° 4	15° 7	25°46	16°16	8°12	2°26	28°21	17°25	17°32	19° 8	4° 2	n.a.	T 6
W 7	16 10 50	2° 5'21	27°31	24°37	16°20	26°22	16°30	8°19	2°29	28°22	17°24	17°29	19° 5	4° 9	n.a.	W 7
T 8	16 14 47	3° 2'32	12♋24	26° 8	17°34	26°59	16°43	8°27	2°32	28°23	17°23	17°D27	19° 1	4°15	n.a.	T 8
F 9	16 18 43	3°59'44	27° 5	27°38	18°47	27°36	16°56	8°34	2°35	28°25	17°22	17°28	18°58	4°22	n.a.	F 9
S 10	16 22 40	4°56'55	11♌27	29° 5	20° 0	28°12	17°10	8°42	2°38	28°26	17°21	17°29	18°55	4°29	n.a.	S 10
S 11	16 26 36	5°54'08	25°28	0♋30	21°14	28°49	17°23	8°49	2°41	28°27	17°20	17°30	18°52	4°35	n.a.	S 11
M12	16 30 33	6°51'20	9♍ 9	1°53	22°27	29°26	17°36	8°56	2°44	28°28	17°19	17°R30	18°49	4°42	n.a.	M12
T 13	16 34 29	7°48'33	22°31	3°14	23°40	0♌ 3	17°49	9° 4	2°47	28°29	17°19	17°29	18°46	4°49	n.a.	T 13
W14	16 38 26	8°45'47	5♎34	4°33	24°54	0°40	18° 2	9°11	2°51	28°30	17°18	17°27	18°42	4°55	n.a.	W14
T 15	16 42 23	9°43'01	18°22	5°49	26° 7	1°17	18°15	9°18	2°54	28°31	17°17	17°22	18°39	5° 2	n.a.	T 15
F 16	16 46 19	10°40'15	0♏56	7° 4	27°21	1°54	18°29	9°25	2°57	28°32	17°16	17°17	18°36	5° 9	n.a.	F 16
S 17	16 50 16	11°37'31	13°18	8°16	28°34	2°31	18°42	9°32	2°59	28°33	17°15	17°11	18°33	5°15	n.a.	S 17
S 18	16 54 12	12°34'47	25°30	9°25	29°48	3° 8	18°55	9°40	3° 2	28°34	17°14	17° 5	18°30	5°22	n.a.	S 18
M19	16 58 9	13°32'05	7♐33	10°32	1♊ 2	3°46	19° 8	9°47	3° 5	28°35	17°13	16°59	18°27	5°29	n.a.	M19
T 20	17 2 5	14°29'23	19°29	11°37	2°15	4°23	19°21	9°54	3° 8	28°36	17°12	16°55	18°23	5°35	n.a.	T 20
W21	17 6 2	15°26'43	1♑20	12°39	3°29	5° 0	19°33	10° 1	3°11	28°36	17°11	16°52	18°20	5°42	n.a.	W21
T 22	17 9 58	16°24'03	13° 7	13°38	4°42	5°38	19°46	10° 8	3°14	28°37	17°10	16°D51	18°17	5°48	n.a.	T 22
F 23	17 13 55	17°21'25	24°54	14°34	5°56	6°16	19°59	10°14	3°17	28°38	17° 8	16°51	18°14	5°55	n.a.	F 23
S 24	17 17 52	18°18'48	6♒45	15°28	7°10	6°53	20°12	10°21	3°19	28°39	17° 7	16°53	18°11	6° 2	n.a.	S 24
S 25	17 21 48	19°16'12	18°41	16°18	8°24	7°31	20°25	10°28	3°22	28°39	17° 6	16°54	18° 7	6° 8	n.a.	S 25
M26	17 25 45	20°13'38	0♓49	17° 5	9°38	8° 9	20°37	10°35	3°25	28°40	17° 5	16°56	18° 4	6°15	n.a.	M26
T 27	17 29 41	21°11'05	13°12	17°48	10°51	8°47	20°50	10°42	3°27	28°41	17° 4	16°57	18° 1	6°22	n.a.	T 27
W28	17 33 38	22° 8'34	25°55	18°27	12° 5	9°25	21° 2	10°48	3°30	28°41	17° 3	16°R57	17°58	6°28	n.a.	W28
T 29	17 37 34	23° 6'04	9♈ 1	19° 3	13°19	10° 3	21°15	10°55	3°33	28°42	17° 2	16°56	17°55	6°35	n.a.	T 29
F 30	17 41 31	24♊ 3'36	22♈34	19♋35	14♊33	10♌41	21♉27	11♉ 1	3♉35	28♓42	17♑ 1	16♑54	17♑52	6♑42	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n41	4n40	4n53	24n54	1n56	14n 0	0s48	23n13	1n20	16n12	0s30	12n38	1s45	12n 7	0s20	2s34	2s 1	34s28	11s53	22s37	22s26	25s14		n.a.
F 2	19 55	10 22	5 7	25 3	1 54	14 26	0 46	23 6	1 20	16 16	0 30	12 40	1 45	12 8	0 20	2 33	2 1	34 28	11 53	22 38	22 26	25 13		n.a.
S 3	20 8	15 43	5 3	25 10	1 51	14 51	0 43	22 59	1 19	16 20	0 29	12 43	1 45	12 10	0 20	2 33	2 1	34 29	11 53	22 39	22 27	25 12		n.a.
S 4	20 20	20 21	4 39	25 15	1 47	15 16	0 41	22 52	1 18	16 24	0 29	12 45	1 45	12 11	0 20	2 32	2 2	34 29	11 54	22 40	22 27	25 11		n.a.
M 5	20 33	23 47	3 57	25 18	1 43	15 41	0 39	22 45	1 17	16 28	0 29	12 48	1 45	12 12	0 20	2 32	2 2	34 29	11 54	22 41	22 28	25 10		n.a.
T 6	20 45	25 38	2 58	25 19	1 39	16 5	0 36	22 37	1 17	16 32	0 29	12 50	1 45	12 13	0 20	2 31	2 2	34 30	11 54	22 41	22 28	25 9		n.a.
W 7	20 57	25 36	1 46	25 19	1 34	16 29	0 34	22 29	1 16	16 36	0 29	12 53	1 45	12 14	0 20	2 31	2 2	34 30	11 55	22 42	22 29	25 7		n.a.
T 8	21 8	23 44	0 27	25 17	1 28	16 52	0 32	22 22	1 15	16 40	0 29	12 55	1 45	12 15	0 20	2 30	2 2	34 31	11 55	22 42	22 29	25 6		n.a.
F 9	21 19	20 16	0s52	25 13	1 22	17 15	0 29	22 14	1 15	16 44	0 29	12 58	1 45	12 16	0 20	2 30	2 2	34 31	11 55	22 42	22 30	25 5		n.a.
S 10	21 30	15 38	2 6	25 8	1 16	17 37	0 27	22 5	1 14	16 48	0 29	13 0	1 45	12 17	0 20	2 30	2 2	34 31	11 55	22 42	22 30	25 4		n.a.
S 11	21 40	10 15	3 12	25 1	1 9	18 0	0 24	21 57	1 13	16 52	0 29	13 2	1 45	12 19	0 20	2 29	2 2	34 32	11 56	22 42	22 30	25 3		n.a.
M12	21 50	4 31	4 4	24 53	1 2	18 21	0 22	21 49	1 12	16 55	0 29	13 5	1 45	12 20	0 20	2 29	2 2	34 32	11 56	22 42	22 31	25 2		n.a.
T 13	22 0	1s17	4 42	24 43	0 54	18 42	0 20	21 40	1 12	16 59	0 29	13 7	1 45	12 21	0 20	2 28	2 2	34 32	11 56	22 42	22 31	25 1		n.a.
W14	22 9	6 53	5 4	24 33	0 46	19 3	0 17	21 31	1 11	17 3	0 29	13 9	1 45	12 22	0 20	2 28	2 2	34 33	11 56	22 42	22 32	25 0		n.a.
T 15	22 18	12 6	5 11	24 21	0 37	19 23	0 15	21 22	1 10	17 7	0 28	13 12	1 45	12 23	0 20	2 28	2 2	34 33	11 57	22 43	22 32	24 59		n.a.
F 16	22 26	16 42	5 2	24 8	0 28	19 43	0 12	21 13	1 10	17 11	0 28	13 14	1 45	12 24	0 20	2 27	2 2	34 34	11 57	22 43	22 33	24 58		n.a.
S 17	22 35	20 32	4 39	23 55	0 19	20 2	0 10	21 4	1 9	17 14	0 28	13 16	1 45	12 25	0 20	2 27	2 2	34 34	11 57	22 44	22 33	24 56		n.a.
S 18	22 42	23 25	4 4	23 41	0 9	20 21	0 7	20 54	1 8	17 18	0 28	13 18	1 45	12 26	0 20	2 27	2 2	34 34	11 57	22 45	22 34	24 55		n.a.
M19	22 50	25 13	3 18	23 25	0s 1	20 39	0 5	20 45	1 7	17 22	0 28	13 21	1 45	12 27	0 20	2 27	2 3	34 35	11 57	22 46	22 34	24 54		n.a.
T 20	22 57	25 50	2 24	23 10	0 11	20 56	0 2	20 35	1 7	17 25	0 28	13 23	1 45	12 28	0 20	2 26	2 3	34 35	11 58	22 46	22 34	24 53		n.a.
W21	23 3	25 15	1 24	22 53	0 22	21 13	0n 0	20 25	1 6	17 29	0 28	13 25	1 45	12 29	0 20	2 26	2 3	34 35	11 58	22 47	22 35	24 52		n.a.
T 22	23 9	23 33	0 20	22 36	0 33	21 30	0 3	20 15	1 5	17 33	0 28	13 27	1 45	12 30	0 20	2 26	2 3	34 36	11 58	22 47	22 35	24 51		n.a.
F 23	23 15	20 48	0n44	22 19	0 44	21 46	0 5	20 5	1 5	17 36	0 28	13 29	1 45	12 31	0 20	2 26	2 3	34 36	11 58	22 47	22 36	24 50		n.a.
S 24	23 20	17 11	1 47	22 2	0 55	22 1	0 7	19 54	1 4	17 40	0 28	13 31	1 45	12 32	0 20	2 25	2 3	34 36	11 58	22 47	22 36	24 48		n.a.
S 25	23 25	12 51	2 46	21 44	1 7	22 15	0 10	19 44	1 3	17 43	0 28	13 34	1 45	12 33	0 20	2 25	2 3	34 37	11 59	22 46	22 37	24 47		n.a.
M26	23 30	7 58	3 39	21 27	1 19	22 29	0 12	19 33	1 3	17 47	0 28	13 36	1 45	12 34	0 20	2 25	2 3	34 37	11 59	22 46	22 37	24 46		n.a.
T 27	23 34	2 41	4 22	21 9	1 31	22 42	0 15	19 22	1 2	17 50	0 28	13 38	1 45	12 34	0 20	2 25	2 3	34 37	11 59	22 46	22 37	24 45		n.a.
W28	23 37	2n50	4 54	20 52	1 43	22 55	0 17	19 12	1 1	17 54	0 28	13 40	1 45	12 35	0 20	2 25	2 3	34 38	11 59	22 46	22 38	24 44		n.a.
T 29	23 41	8 24	5 12	20 34	1 56	23 7	0 19	19 0	1 0	17 57	0 27	13 42	1 45	12 36	0 20	2 24	2 3	34 38	11 59	22 46	22 38	24 42		n.a.
F 30	23n44	13n46	5n14	20n18	2s 8	23n18	0n22	18n49	1n 0	18n 0	0s27	13n44	1s45	12n37	0s20	2s24	2s 3	34s38	12s 0	22s46	22s39	24s41		n.a.

Julian Day Number = 1204380.5, Delta T = 09h19m17s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'30, Lahiri = -23°29'29 Julian Calendar 1 June 1416 BCE == Greg. Calendar 19 May 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

JULY 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 45 28	25♊ 1'09	6♉34	20♋ 3	15♊47	11♌19	21♉40	11♉ 8	3♉38	28♓43	16°R59	16°R52	17♏48	6♏48	n.a.	S 1
S 2	17 49 24	25°58'44	21° 1	20°26	17° 1	11°58	21°52	11°14	3°40	28°43	16♏58	16♏49	17°45	6°55	n.a.	S 2
M 3	17 53 21	26°56'21	5♊51	20°44	18°15	12°36	22° 4	11°21	3°43	28°44	16°57	16°47	17°42	7° 2	n.a.	M 3
T 4	17 57 17	27°53'59	20°55	20°58	19°29	13°15	22°17	11°27	3°45	28°44	16°56	16°45	17°39	7° 8	n.a.	T 4
W 5	18 1 14	28°51'39	6♋ 7	21° 6	20°43	13°53	22°29	11°33	3°47	28°44	16°55	16°43	17°36	7°15	n.a.	W 5
T 6	18 5 10	29°49'20	21°15	21°R 9	21°57	14°32	22°41	11°39	3°50	28°45	16°53	16°D43	17°33	7°22	n.a.	T 6
F 7	18 9 7	0♋47'03	6♌11	21° 7	23°11	15°11	22°53	11°45	3°52	28°45	16°52	16°44	17°29	7°28	n.a.	F 7
S 8	18 13 3	1°44'47	20°48	20°59	24°26	15°49	23° 5	11°52	3°54	28°45	16°51	16°45	17°26	7°35	n.a.	S 8
S 9	18 17 0	2°42'32	5♍ 2	20°46	25°40	16°28	23°17	11°57	3°57	28°46	16°50	16°46	17°23	7°42	n.a.	S 9
M10	18 20 57	3°40'18	18°51	20°27	26°54	17° 7	23°29	12° 3	3°59	28°46	16°48	16°47	17°20	7°48	n.a.	M10
T 11	18 24 53	4°38'05	2♎15	20° 2	28° 8	17°46	23°41	12° 9	4° 1	28°46	16°47	16°R47	17°17	7°55	n.a.	T 11
W12	18 28 50	5°35'54	15°17	19°31	29°22	18°25	23°52	12°15	4° 3	28°46	16°46	16°47	17°13	8° 1	n.a.	W12
T 13	18 32 46	6°33'45	27°58	18°55	0♋37	19° 4	24° 4	12°21	4° 5	28°46	16°45	16°46	17°10	8° 8	n.a.	T 13
F 14	18 36 43	7°31'36	10♏23	18°15	1°51	19°43	24°16	12°26	4° 7	28°46	16°43	16°45	17° 7	8°15	n.a.	F 14
S 15	18 40 39	8°29'30	22°34	17°30	3° 5	20°23	24°27	12°32	4° 9	28°R46	16°42	16°44	17° 4	8°21	n.a.	S 15
S 16	18 44 36	9°27'25	4♐35	16°41	4°20	21° 2	24°39	12°38	4°11	28°46	16°41	16°43	17° 1	8°28	n.a.	S 16
M17	18 48 32	10°25'21	16°30	15°48	5°34	21°41	24°50	12°43	4°13	28°46	16°40	16°42	16°58	8°35	n.a.	M17
T 18	18 52 29	11°23'19	28°20	14°54	6°49	22°21	25° 1	12°48	4°15	28°46	16°38	16°42	16°54	8°41	n.a.	T 18
W19	18 56 26	12°21'19	10♑ 8	13°59	8° 3	23° 0	25°12	12°54	4°17	28°46	16°37	16°42	16°51	8°48	n.a.	W19
T 20	19 0 22	13°19'20	21°56	13° 3	9°17	23°40	25°23	12°59	4°18	28°46	16°36	16°D42	16°48	8°55	n.a.	T 20
F 21	19 4 19	14°17'24	3♒47	12° 9	10°32	24°20	25°34	13° 4	4°20	28°46	16°34	16°42	16°45	9° 1	n.a.	F 21
S 22	19 8 15	15°15'29	15°42	11°17	11°46	24°59	25°45	13° 9	4°22	28°46	16°33	16°42	16°42	9° 8	n.a.	S 22
S 23	19 12 12	16°13'36	27°46	10°28	13° 1	25°39	25°56	13°14	4°23	28°45	16°32	16°42	16°39	9°15	n.a.	S 23
M24	19 16 8	17°11'45	9♓59	9°44	14°16	26°19	26° 7	13°19	4°25	28°45	16°31	16°R42	16°35	9°21	n.a.	M24
T 25	19 20 5	18° 9'57	22°26	9° 6	15°30	26°59	26°18	13°24	4°26	28°45	16°29	16°42	16°32	9°28	n.a.	T 25
W26	19 24 1	19° 8'10	5♈10	8°34	16°45	27°39	26°28	13°29	4°28	28°44	16°28	16°42	16°29	9°35	n.a.	W26
T 27	19 27 58	20° 6'26	18°13	8°10	17°59	28°19	26°39	13°33	4°29	28°44	16°27	16°D42	16°26	9°41	n.a.	T 27
F 28	19 31 55	21° 4'44	1♉39	7°53	19°14	28°59	26°49	13°38	4°31	28°44	16°25	16°42	16°23	9°48	n.a.	F 28
S 29	19 35 51	22° 3'04	15°29	7°D45	20°29	29°40	27° 0	13°42	4°32	28°43	16°24	16°42	16°19	9°54	n.a.	S 29
S 30	19 39 48	23° 1'27	29°44	7°46	21°43	0♍20	27°10	13°47	4°33	28°43	16°23	16°42	16°16	10° 1	n.a.	S 30
M31	19 43 44	23♋59'52	14♊20	7♋56	22♋58	1♍ 0	27♉20	13♉51	4♉35	28♓42	16♏22	16♏43	16♏13	10♏ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n46	18n36	4n57	20n 1	2s20	23n29	0n24	18n38	0n59	18n 4	0s27	13n46	1s46	12n38	0s20	2s24	2s 3	34s39	12s 0	22s47	22s39	24s40		n.a.
S 2	23 48	22 31	4 21	19 46	2 33	23 39	0 26	18 26	0 58	18 7	0 27	13 48	1 46	12 39	0 20	2 24	2 3	34 39	12 0	22 47	22 40	24 39		n.a.
M 3	23 50	25 3	3 27	19 31	2 45	23 48	0 28	18 15	0 58	18 10	0 27	13 50	1 46	12 40	0 20	2 24	2 4	34 39	12 0	22 47	22 40	24 38		n.a.
T 4	23 51	25 50	2 18	19 17	2 57	23 57	0 31	18 3	0 57	18 14	0 27	13 52	1 46	12 41	0 20	2 24	2 4	34 40	12 0	22 48	22 40	24 36		n.a.
W 5	23 51	24 41	0 58	19 4	3 9	24 5	0 33	17 51	0 56	18 17	0 27	13 53	1 46	12 41	0 20	2 24	2 4	34 40	12 0	22 48	22 41	24 35		n.a.
T 6	23 52	21 44	0s25	18 52	3 21	24 12	0 35	17 39	0 55	18 20	0 27	13 55	1 46	12 42	0 20	2 24	2 4	34 40	12 0	22 48	22 41	24 34		n.a.
F 7	23 52	17 21	1 46	18 41	3 32	24 18	0 37	17 26	0 55	18 23	0 27	13 57	1 46	12 43	0 20	2 24	2 4	34 41	12 1	22 48	22 42	24 33		n.a.
S 8	23 51	12 0	2 58	18 32	3 42	24 24	0 39	17 14	0 54	18 26	0 27	13 59	1 46	12 44	0 20	2 23	2 4	34 41	12 1	22 47	22 42	24 31		n.a.
S 9	23 50	6 10	3 57	18 24	3 52	24 29	0 41	17 1	0 53	18 29	0 27	14 1	1 46	12 44	0 20	2 23	2 4	34 41	12 1	22 47	22 43	24 30		n.a.
M10	23 49	0 12	4 40	18 18	4 1	24 33	0 43	16 49	0 53	18 32	0 27	14 2	1 46	12 45	0 20	2 23	2 4	34 42	12 1	22 47	22 43	24 29		n.a.
T 11	23 47	5s35	5 7	18 14	4 9	24 36	0 45	16 36	0 52	18 36	0 27	14 4	1 46	12 46	0 20	2 23	2 4	34 42	12 1	22 47	22 43	24 28		n.a.
W12	23 44	10 58	5 17	18 12	4 16	24 39	0 47	16 23	0 51	18 39	0 27	14 6	1 46	12 47	0 20	2 23	2 4	34 42	12 1	22 47	22 44	24 26		n.a.
T 13	23 42	15 45	5 11	18 11	4 21	24 41	0 49	16 10	0 51	18 42	0 27	14 8	1 46	12 47	0 20	2 23	2 4	34 42	12 1	22 47	22 44	24 25		n.a.
F 14	23 39	19 47	4 51	18 12	4 26	24 42	0 51	15 57	0 50	18 44	0 27	14 9	1 46	12 48	0 20	2 24	2 4	34 43	12 1	22 47	22 45	24 24		n.a.
S 15	23 35	22 53	4 17	18 16	4 28	24 43	0 53	15 43	0 49	18 47	0 26	14 11	1 47	12 49	0 20	2 24	2 4	34 43	12 1	22 48	22 45	24 22		n.a.
S 16	23 31	24 55	3 33	18 21	4 29	24 42	0 55	15 30	0 48	18 50	0 26	14 13	1 47	12 49	0 20	2 24	2 4	34 43	12 2	22 48	22 45	24 21		n.a.
M17	23 27	25 49	2 40	18 28	4 28	24 41	0 57	15 16	0 48	18 53	0 26	14 14	1 47	12 50	0 20	2 24	2 5	34 43	12 2	22 48	22 46	24 20		n.a.
T 18	23 22	25 31	1 40	18 37	4 25	24 39	0 58	15 3	0 47	18 56	0 26	14 16	1 47	12 51	0 20	2 24	2 5	34 44	12 2	22 48	22 46	24 18		n.a.
W19	23 17	24 4	0 36	18 48	4 20	24 37	1 0	14 49	0 46	18 59	0 26	14 17	1 47	12 51	0 20	2 24	2 5	34 44	12 2	22 48	22 47	24 17		n.a.
T 20	23 11	21 34	0n29	19 0	4 14	24 33	1 2	14 35	0 46	19 2	0 26	14 19	1 47	12 52	0 20	2 24	2 5	34 44	12 2	22 48	22 47	24 16		n.a.
F 21	23 5	18 8	1 34	19 14	4 5	24 29	1 3	14 21	0 45	19 4	0 26	14 20	1 47	12 52	0 20	2 24	2 5	34 44	12 2	22 48	22 47	24 14		n.a.
S 22	22 58	13 57	2 34	19 29	3 54	24 24	1 5	14 7	0 44	19 7	0 26	14 22	1 47	12 53	0 20	2 24	2 5	34 45	12 2	22 48	22 48	24 13		n.a.
S 23	22 51	9 12	3 29	19 45	3 42	24 19	1 6	13 52	0 43	19 10	0 26	14 23	1 47	12 54	0 20	2 24	2 5	34 45	12 2	22 48	22 48	24 12		n.a.
M24	22 44	4 2	4 15	20 2	3 28	24 12	1 8	13 38	0 43	19 12	0 26	14 24	1 47	12 54	0 20	2 25	2 5	34 45	12 2	22 48	22 49	24 10		n.a.
T 25	22 36	1n22	4 50	20 20	3 13	24 5	1 9	13 23	0 42	19 15	0 26	14 26	1 48	12 55	0 20	2 25	2 5	34 45	12 2	22 48	22 49	24 9		n.a.
W26	22 28	6 50	5 11	20 38	2 57	23 57	1 10	13 9	0 41	19 17	0 26	14 27	1 48	12 55	0 20	2 25	2 5	34 45	12 2	22 48	22 49	24 8		n.a.
T 27	22 20	12 9	5 18	20 56	2 40	23 49	1 12	12 54	0 41	19 20	0 26	14 29	1 48	12 56	0 20	2 25	2 5	34 46	12 2	22 48	22 50	24 6		n.a.
F 28	22 11	17 2	5 7	21 15	2 23	23 39	1 13	12 39	0 40	19 22	0 26	14 30	1 48	12 56	0 20	2 25	2 5	34 46	12 2	22 48	22 50	24 5		n.a.
S 29	22 1	21 12	4 39	21 33	2 5	23 29	1 14	12 24	0 39	19 25	0 26	14 31	1 48	12 56	0 20	2 26	2 5	34 46	12 2	22 48	22 51	24 4		n.a.
S 30	21 51	24 14	3 53	21 51	1 47	23 19	1 15	12 9	0 39	19 27	0 26	14 32	1 48	12 57	0 20	2 26	2 5	34 46	12 2	22 48	22 51	24 2		n.a.
M31	21n41	25n45	2n50	22n 9	1s28	23n 7	1n16	11n54	0n38	19n30	0s26	14n33	1s48	12n57	0s20	2s26	2s 5	34s46	12s 2	22s48	22s51	24s 1		n.a.

Julian Day Number = 1204410.5, Delta T = 09h19m16s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'26, Lahiri = -23°29'25 Julian Calendar 1 July 1416 BCE == Greg. Calendar 18 June 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

AUGUST 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 47 41	24♋58'19	29♊15	8♋15	24♋13	1♍41	27♉30	13♉55	4♉36	28°R42	16°R20	16♏44	16♏10	10♏14	n.a.	T 1
W 2	19 51 37	25°56'48	14♋21	8°42	25°28	2°21	27°40	14° 0	4°37	28♓41	16♏19	16°R44	16° 7	10°21	n.a.	W 2
T 3	19 55 34	26°55'20	29°30	9°19	26°43	3° 2	27°50	14° 4	4°38	28°41	16°18	16°44	16° 4	10°28	n.a.	T 3
F 4	19 59 30	27°53'53	14♌32	10° 3	27°57	3°43	27°59	14° 8	4°39	28°40	16°16	16°43	16° 0	10°34	n.a.	F 4
S 5	20 3 27	28°52'29	29°19	10°56	29°12	4°23	28° 9	14°11	4°40	28°39	16°15	16°42	15°57	10°41	n.a.	S 5
S 6	20 7 23	29°51'06	13♍44	11°56	0♌27	5° 4	28°18	14°15	4°41	28°39	16°14	16°40	15°54	10°48	n.a.	S 6
M 7	20 11 20	0♌49'45	27°42	13° 4	1°42	5°45	28°28	14°19	4°42	28°38	16°13	16°38	15°51	10°54	n.a.	M 7
T 8	20 15 17	1°48'26	11♎14	14°18	2°57	6°26	28°37	14°23	4°43	28°37	16°11	16°37	15°48	11° 1	n.a.	T 8
W 9	20 19 13	2°47'08	24°19	15°37	4°12	7° 7	28°46	14°26	4°43	28°36	16°10	16°36	15°45	11° 8	n.a.	W 9
T 10	20 23 10	3°45'53	7♏ 1	17° 2	5°27	7°48	28°55	14°29	4°44	28°36	16° 9	16°D36	15°41	11°14	n.a.	T 10
F 11	20 27 6	4°44'40	19°23	18°32	6°42	8°29	29° 4	14°33	4°45	28°35	16° 8	16°37	15°38	11°21	n.a.	F 11
S 12	20 31 3	5°43'28	1♐30	20° 5	7°56	9°10	29°13	14°36	4°46	28°34	16° 7	16°38	15°35	11°28	n.a.	S 12
S 13	20 34 59	6°42'18	13°26	21°43	9°11	9°52	29°21	14°39	4°46	28°33	16° 5	16°39	15°32	11°34	n.a.	S 13
M14	20 38 56	7°41'11	25°16	23°23	10°26	10°33	29°30	14°42	4°47	28°32	16° 4	16°41	15°29	11°41	n.a.	M14
T 15	20 42 52	8°40'05	7♑ 3	25° 5	11°41	11°15	29°38	14°45	4°47	28°31	16° 3	16°42	15°25	11°47	n.a.	T 15
W16	20 46 49	9°39'01	18°51	26°50	12°56	11°56	29°47	14°48	4°48	28°30	16° 2	16°R42	15°22	11°54	n.a.	W16
T 17	20 50 46	10°38'00	0♒43	28°36	14°11	12°38	29°55	14°50	4°48	28°29	16° 1	16°42	15°19	12° 1	n.a.	T 17
F 18	20 54 42	11°37'00	12°42	0♌23	15°26	13°19	0♊ 3	14°53	4°48	28°28	16° 0	16°40	15°16	12° 7	n.a.	F 18
S 19	20 58 39	12°36'03	24°48	2°11	16°41	14° 1	0°11	14°56	4°48	28°27	15°58	16°36	15°13	12°14	n.a.	S 19
S 20	21 2 35	13°35'08	7♓ 4	3°59	17°56	14°43	0°18	14°58	4°49	28°26	15°57	16°32	15°10	12°21	n.a.	S 20
M21	21 6 32	14°34'15	19°30	5°48	19°11	15°24	0°26	15° 0	4°49	28°25	15°56	16°27	15° 6	12°27	n.a.	M21
T 22	21 10 28	15°33'24	2♈ 9	7°37	20°27	16° 6	0°33	15° 2	4°49	28°24	15°55	16°23	15° 3	12°34	n.a.	T 22
W23	21 14 25	16°32'36	15° 2	9°26	21°42	16°48	0°41	15° 4	4°49	28°23	15°54	16°19	15° 0	12°41	n.a.	W23
T 24	21 18 21	17°31'50	28° 9	11°14	22°57	17°30	0°48	15° 6	4°R49	28°22	15°53	16°16	14°57	12°47	n.a.	T 24
F 25	21 22 18	18°31'07	11♉34	13° 2	24°12	18°12	0°55	15° 8	4°49	28°20	15°52	16°14	14°54	12°54	n.a.	F 25
S 26	21 26 14	19°30'27	25°16	14°50	25°27	18°54	1° 2	15°10	4°49	28°19	15°51	16°D14	14°50	13° 1	n.a.	S 26
S 27	21 30 11	20°29'48	9♊16	16°37	26°42	19°37	1° 9	15°12	4°49	28°18	15°50	16°15	14°47	13° 7	n.a.	S 27
M28	21 34 8	21°29'13	23°35	18°24	27°57	20°19	1°15	15°13	4°49	28°17	15°49	16°17	14°44	13°14	n.a.	M28
T 29	21 38 4	22°28'40	8♋ 9	20°10	29°12	21° 1	1°22	15°15	4°48	28°15	15°48	16°18	14°41	13°21	n.a.	T 29
W30	21 42 1	23°28'09	22°56	21°56	0♍27	21°44	1°28	15°16	4°48	28°14	15°47	16°R18	14°38	13°27	n.a.	W30
T 31	21 45 57	24♌27'41	7♌49	23♌40	1♍43	22♍26	1♊34	15♉17	4♉48	28♓13	15♏46	16♏16	14♏35	13♏34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n31	25n27	1n36	22n26	1s10	22n55	1n17	11n38	0n37	19n32	0s25	14n35	1s48	12n58	0s20	2s26	2s 6	34s47	12s 2	22s48	22s52	23s59			n.a.
W 2	21 20	23 17	0 13	22 41	0 53	22 42	1 18	11 23	0 36	19 34	0 25	14 36	1 48	12 58	0 20	2 27	2 6	34 47	12 2	22 48	22 52	23 58			n.a.
T 3	21 9	19 28	1s10	22 56	0 36	22 28	1 19	11 7	0 36	19 37	0 25	14 37	1 49	12 58	0 20	2 27	2 6	34 47	12 2	22 48	22 53	23 57			n.a.
F 4	20 57	14 24	2 28	23 9	0 20	22 14	1 20	10 52	0 35	19 39	0 25	14 38	1 49	12 59	0 20	2 27	2 6	34 47	12 2	22 48	22 53	23 55			n.a.
S 5	20 45	8 34	3 35	23 20	0 4	21 59	1 20	10 36	0 34	19 41	0 25	14 39	1 49	12 59	0 20	2 28	2 6	34 47	12 2	22 48	22 53	23 54			n.a.
S 6	20 32	2 26	4 26	23 30	0n11	21 44	1 21	10 20	0 34	19 43	0 25	14 40	1 49	12 59	0 20	2 28	2 6	34 47	12 2	22 48	22 54	23 52			n.a.
M 7	20 20	3s38	5 0	23 37	0 24	21 28	1 22	10 4	0 33	19 46	0 25	14 41	1 49	13 0	0 20	2 28	2 6	34 48	12 2	22 48	22 54	23 51			n.a.
T 8	20 6	9 20	5 15	23 42	0 37	21 11	1 22	9 48	0 32	19 48	0 25	14 42	1 49	13 0	0 20	2 29	2 6	34 48	12 2	22 48	22 55	23 49			n.a.
W 9	19 53	14 26	5 14	23 44	0 49	20 53	1 23	9 32	0 31	19 50	0 25	14 43	1 49	13 0	0 20	2 29	2 6	34 48	12 2	22 49	22 55	23 48			n.a.
T 10	19 39	18 45	4 57	23 44	1 0	20 35	1 23	9 16	0 31	19 52	0 25	14 44	1 49	13 1	0 20	2 29	2 6	34 48	12 2	22 49	22 55	23 47			n.a.
F 11	19 25	22 9	4 26	23 42	1 9	20 16	1 24	9 0	0 30	19 54	0 25	14 45	1 49	13 1	0 20	2 30	2 6	34 48	12 2	22 49	22 56	23 45			n.a.
S 12	19 10	24 29	3 45	23 37	1 18	19 57	1 24	8 43	0 29	19 56	0 25	14 46	1 50	13 1	0 20	2 30	2 6	34 48	12 2	22 48	22 56	23 44			n.a.
S 13	18 55	25 41	2 54	23 29	1 25	19 37	1 24	8 27	0 29	19 58	0 25	14 46	1 50	13 1	0 20	2 31	2 6	34 48	12 2	22 48	22 56	23 42			n.a.
M14	18 40	25 42	1 56	23 18	1 32	19 17	1 24	8 10	0 28	20 0	0 25	14 47	1 50	13 1	0 20	2 31	2 6	34 48	12 2	22 48	22 57	23 41			n.a.
T 15	18 25	24 33	0 53	23 5	1 37	18 56	1 24	7 54	0 27	20 2	0 25	14 48	1 50	13 1	0 20	2 32	2 6	34 48	12 2	22 48	22 57	23 39			n.a.
W16	18 9	22 19	0n12	22 49	1 42	18 34	1 24	7 37	0 26	20 3	0 25	14 49	1 50	13 2	0 20	2 32	2 6	34 49	12 2	22 48	22 58	23 38			n.a.
T 17	17 53	19 6	1 17	22 31	1 45	18 12	1 24	7 20	0 26	20 5	0 25	14 49	1 50	13 2	0 20	2 32	2 7	34 49	12 2	22 48	22 58	23 36			n.a.
F 18	17 36	15 5	2 18	22 11	1 48	17 50	1 24	7 3	0 25	20 7	0 25	14 50	1 50	13 2	0 20	2 33	2 7	34 49	12 1	22 48	22 58	23 35			n.a.
S 19	17 19	10 26	3 14	21 49	1 50	17 27	1 24	6 46	0 24	20 9	0 25	14 50	1 51	13 2	0 20	2 33	2 7	34 49	12 1	22 49	22 59	23 33			n.a.
S 20	17 2	5 20	4 2	21 24	1 51	17 3	1 24	6 29	0 24	20 11	0 24	14 51	1 51	13 2	0 20	2 34	2 7	34 49	12 1	22 49	22 59	23 32			n.a.
M21	16 45	0n 3	4 39	20 58	1 52	16 39	1 24	6 12	0 23	20 12	0 24	14 52	1 51	13 2	0 20	2 34	2 7	34 49	12 1	22 50	22 59	23 30			n.a.
T 22	16 27	5 30	5 3	20 29	1 52	16 15	1 23	5 55	0 22	20 14	0 24	14 52	1 51	13 2	0 20	2 35	2 7	34 49	12 1	22 50	23 0	23 29			n.a.
W23	16 9	10 49	5 13	19 59	1 51	15 50	1 23	5 38	0 22	20 15	0 24	14 53	1 51	13 2	0 20	2 35	2 7	34 49	12 1	22 51	23 0	23 27			n.a.
T 24	15 51	15 45	5 6	19 28	1 50	15 24	1 22	5 20	0 21	20 17	0 24	14 53	1 51	13 2	0 20	2 36	2 7	34 49	12 1	22 51	23 0	23 26			n.a.
F 25	15 33	20 2	4 43	18 55	1 48	14 58	1 22	5 3	0 20	20 19	0 24	14 53	1 51	13 2	0 20	2 36	2 7	34 49	12 1	22 51	23 1	23 24			n.a.
S 26	15 14	23 21	4 3	18 21	1 45	14 32	1 21	4 46	0 19	20 20	0 24	14 54	1 51	13 2	0 20	2 37	2 7	34 49	12 1	22 51	23 1	23 23			n.a.
S 27	14 55	25 20	3 9	17 45	1 43	14 6	1 21	4 28	0 19	20 21	0 24	14 54	1 52	13 2	0 20	2 37	2 7	34 49	12 0	22 51	23 2	23 21			n.a.
M28	14 35	25 43	2 1	17 9	1 39	13 39	1 20	4 11	0 18	20 23	0 24	14 55	1 52	13 2	0 20	2 38	2 7	34 49	12 0	22 51	23 2	23 20			n.a.
T 29	14 16	24 21	0 44	16 32	1 36	13 11	1 19	3 53	0 17	20 24	0 24	14 55	1 52	13 2	0 20	2 39	2 7	34 49	12 0	22 51	23 2	23 18			n.a.
W30	13 56	21 17	0s36	15 53	1 32	12 43	1 18	3 35	0 17	20 26	0 24	14 55	1 52	13 2	0 20	2 39	2 7	34 49	12 0	22 51	23 3	23 16			n.a.
T 31	13n36	16n48	1s55	15n14	1n27	12n15	1n17	3n18	0n16	20n27	0s24	14n55	1s52	13n 2	0s20	2s40	2s 7	34s49	12s 0	22s51	23s 3	23s15			n.a.

Julian Day Number = 1204441.5, Delta T = 09h19m14s
Ecliptic obliquity = 23°51'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'21, Lahiri = -23°29'21 Julian Calendar 1 Aug. 1416 BCE == Greg. Calendar 19 July 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

SEPTEMBER 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 49 54	25♌27'15	22♌41	25♌24	2♍58	23♍ 9	1♊40	15♉18	4°R47	28°R11	15°R45	16°R13	14♑31	13♑40	n.a.	F 1
S 2	21 53 50	26°26'51	7♍24	27° 8	4°13	23°51	1°46	15°19	4♉47	28♓10	15♑44	16♑ 7	14°28	13°47	n.a.	S 2
S 3	21 57 47	27°26'29	21°49	28°50	5°28	24°34	1°52	15°20	4°46	28° 9	15°43	16° 1	14°25	13°54	n.a.	S 3
M 4	22 1 43	28°26'09	5♎52	0♍32	6°43	25°17	1°57	15°21	4°46	28° 7	15°42	15°54	14°22	14° 0	n.a.	M 4
T 5	22 5 40	29°25'51	19°29	2°13	7°58	26° 0	2° 2	15°21	4°45	28° 6	15°41	15°48	14°19	14° 7	n.a.	T 5
W 6	22 9 36	0♍25'35	2♏39	3°54	9°14	26°42	2° 8	15°22	4°44	28° 4	15°40	15°42	14°16	14°14	n.a.	W 6
T 7	22 13 33	1°25'21	15°24	5°33	10°29	27°25	2°13	15°22	4°44	28° 3	15°40	15°39	14°12	14°20	n.a.	T 7
F 8	22 17 30	2°25'09	27°48	7°13	11°44	28° 8	2°17	15°23	4°43	28° 1	15°39	15°D38	14° 9	14°27	n.a.	F 8
S 9	22 21 26	3°24'59	9♐54	8°51	12°59	28°51	2°22	15°23	4°42	28° 0	15°38	15°38	14° 6	14°34	n.a.	S 9
S 10	22 25 23	4°24'51	21°49	10°29	14°14	29°35	2°26	15°R23	4°41	27°58	15°37	15°39	14° 3	14°40	n.a.	S 10
M11	22 29 19	5°24'44	3♑38	12° 6	15°30	0♒18	2°31	15°23	4°40	27°57	15°37	15°40	14° 0	14°47	n.a.	M11
T 12	22 33 16	6°24'40	15°25	13°43	16°45	1° 1	2°35	15°23	4°39	27°55	15°36	15°R41	13°56	14°54	n.a.	T 12
W13	22 37 12	7°24'37	27°15	15°19	18° 0	1°44	2°39	15°22	4°38	27°54	15°35	15°40	13°53	15° 0	n.a.	W13
T 14	22 41 9	8°24'36	9♒13	16°54	19°15	2°28	2°43	15°22	4°37	27°52	15°34	15°37	13°50	15° 7	n.a.	T 14
F 15	22 45 5	9°24'37	21°20	18°29	20°30	3°11	2°46	15°21	4°36	27°51	15°34	15°32	13°47	15°13	n.a.	F 15
S 16	22 49 2	10°24'40	3♓40	20° 3	21°45	3°55	2°50	15°21	4°35	27°49	15°33	15°24	13°44	15°20	n.a.	S 16
S 17	22 52 59	11°24'45	16°12	21°37	23° 1	4°38	2°53	15°20	4°34	27°47	15°32	15°15	13°41	15°27	n.a.	S 17
M18	22 56 55	12°24'52	28°58	23°10	24°16	5°22	2°56	15°19	4°33	27°46	15°32	15° 4	13°37	15°33	n.a.	M18
T 19	23 0 52	13°25'01	11♈57	24°43	25°31	6° 5	2°59	15°18	4°31	27°44	15°31	14°53	13°34	15°40	n.a.	T 19
W20	23 4 48	14°25'12	25° 8	26°15	26°46	6°49	3° 1	15°17	4°30	27°42	15°31	14°44	13°31	15°47	n.a.	W20
T 21	23 8 45	15°25'25	8♉31	27°47	28° 1	7°33	3° 4	15°16	4°28	27°41	15°30	14°36	13°28	15°53	n.a.	T 21
F 22	23 12 41	16°25'41	22° 4	29°18	29°16	8°17	3° 6	15°15	4°27	27°39	15°30	14°31	13°25	16° 0	n.a.	F 22
S 23	23 16 38	17°25'59	5♊48	0♎49	0♎32	9° 1	3° 8	15°13	4°26	27°38	15°29	14°29	13°22	16° 7	n.a.	S 23
S 24	23 20 34	18°26'19	19°42	2°20	1°47	9°45	3°10	15°12	4°24	27°36	15°29	14°D28	13°18	16°13	n.a.	S 24
M25	23 24 31	19°26'41	3♋47	3°49	3° 2	10°29	3°12	15°10	4°22	27°34	15°28	14°28	13°15	16°20	n.a.	M25
T 26	23 28 27	20°27'06	18° 2	5°19	4°17	11°13	3°13	15° 8	4°21	27°33	15°28	14°R29	13°12	16°27	n.a.	T 26
W27	23 32 24	21°27'32	2♌24	6°48	5°32	11°57	3°15	15° 7	4°19	27°31	15°27	14°27	13° 9	16°33	n.a.	W27
T 28	23 36 21	22°28'01	16°52	8°16	6°47	12°41	3°16	15° 5	4°18	27°29	15°27	14°24	13° 6	16°40	n.a.	T 28
F 29	23 40 17	23°28'31	1♍21	9°44	8° 3	13°26	3°17	15° 3	4°16	27°27	15°27	14°17	13° 2	16°47	n.a.	F 29
S 30	23 44 14	24♍29'03	15♍44	11♎12	9♎18	14♎10	3♊17	15♉ 0	4♉14	27♓26	15♑26	14♑ 8	12♑59	16♑53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n16	11n17	3s 5	14n35	1n23	11n47	1n16	3n 0	0n15	20n28	0s24	14n55	1s52	13n 1	0s20	2s40	2s 7	34s49	12s 0	22s51	23s 3	23s13		n.a.
S 2	12 55	5 12	4 2	13 54	1 18	11 18	1 15	2 42	0 14	20 29	0 24	14 56	1 52	13 1	0 21	2 41	2 7	34 49	12 0	22 52	23 4	23 12		n.a.
S 3	12 34	1s 1	4 43	13 13	1 13	10 49	1 14	2 24	0 14	20 31	0 24	14 56	1 53	13 1	0 21	2 42	2 7	34 49	11 59	22 53	23 4	23 10		n.a.
M 4	12 13	7 1	5 5	12 32	1 8	10 20	1 13	2 6	0 13	20 32	0 24	14 56	1 53	13 1	0 21	2 42	2 7	34 49	11 59	22 54	23 4	23 9		n.a.
T 5	11 52	12 30	5 9	11 50	1 2	9 50	1 12	1 48	0 12	20 33	0 24	14 56	1 53	13 1	0 21	2 43	2 7	34 49	11 59	22 55	23 5	23 7		n.a.
W 6	11 31	17 14	4 56	11 8	0 56	9 20	1 11	1 30	0 12	20 34	0 24	14 56	1 53	13 0	0 21	2 43	2 7	34 49	11 59	22 55	23 5	23 5		n.a.
T 7	11 9	21 1	4 29	10 25	0 50	8 50	1 9	1 12	0 11	20 35	0 24	14 56	1 53	13 0	0 21	2 44	2 8	34 49	11 59	22 56	23 5	23 4		n.a.
F 8	10 48	23 45	3 50	9 42	0 44	8 20	1 8	0 54	0 10	20 36	0 23	14 56	1 53	13 0	0 21	2 45	2 8	34 49	11 59	22 56	23 6	23 2		n.a.
S 9	10 26	25 19	3 1	8 59	0 38	7 49	1 7	0 36	0 9	20 37	0 23	14 56	1 53	13 0	0 21	2 45	2 8	34 48	11 58	22 56	23 6	23 1		n.a.
S 10	10 4	25 41	2 5	8 16	0 32	7 18	1 5	0 18	0 9	20 38	0 23	14 56	1 53	12 59	0 21	2 46	2 8	34 48	11 58	22 56	23 6	22 59		n.a.
M11	9 41	24 53	1 5	7 32	0 26	6 47	1 4	0 0	0 8	20 39	0 23	14 56	1 54	12 59	0 21	2 47	2 8	34 48	11 58	22 55	23 7	22 57		n.a.
T 12	9 19	22 59	0 1	6 49	0 19	6 16	1 2	0s18	0 7	20 40	0 23	14 55	1 54	12 59	0 21	2 47	2 8	34 48	11 58	22 55	23 7	22 56		n.a.
W13	8 56	20 4	1n 2	6 5	0 13	5 45	1 0	0 36	0 7	20 41	0 23	14 55	1 54	12 58	0 21	2 48	2 8	34 48	11 58	22 55	23 7	22 54		n.a.
T 14	8 34	16 17	2 3	5 21	0 6	5 13	0 59	0 54	0 6	20 42	0 23	14 55	1 54	12 58	0 21	2 49	2 8	34 48	11 57	22 56	23 8	22 52		n.a.
F 15	8 11	11 49	3 0	4 37	0s 1	4 42	0 57	1 12	0 5	20 42	0 23	14 55	1 54	12 58	0 21	2 49	2 8	34 48	11 57	22 56	23 8	22 51		n.a.
S 16	7 48	6 48	3 48	3 54	0 7	4 10	0 55	1 31	0 5	20 43	0 23	14 54	1 54	12 57	0 21	2 50	2 8	34 48	11 57	22 57	23 8	22 49		n.a.
S 17	7 25	1 27	4 27	3 10	0 14	3 38	0 53	1 49	0 4	20 44	0 23	14 54	1 54	12 57	0 21	2 51	2 8	34 48	11 57	22 58	23 9	22 48		n.a.
M18	7 1	4n 3	4 53	2 27	0 21	3 6	0 51	2 7	0 3	20 44	0 23	14 54	1 54	12 56	0 21	2 51	2 8	34 48	11 57	23 0	23 9	22 46		n.a.
T 19	6 38	9 27	5 4	1 43	0 27	2 34	0 49	2 25	0 2	20 45	0 23	14 53	1 55	12 56	0 21	2 52	2 8	34 47	11 56	23 1	23 9	22 44		n.a.
W20	6 14	14 31	4 59	1 0	0 34	2 2	0 47	2 44	0 2	20 46	0 23	14 53	1 55	12 55	0 21	2 53	2 8	34 47	11 56	23 2	23 10	22 43		n.a.
T 21	5 51	18 58	4 39	0 17	0 41	1 30	0 45	3 2	0 1	20 46	0 23	14 52	1 55	12 55	0 21	2 53	2 8	34 47	11 56	23 3	23 10	22 41		n.a.
F 22	5 27	22 30	4 2	0s26	0 47	0 57	0 43	3 20	0 0	20 47	0 23	14 52	1 55	12 54	0 21	2 54	2 8	34 47	11 56	23 3	23 10	22 39		n.a.
S 23	5 3	24 47	3 11	1 9	0 54	0 25	0 41	3 38	0s 0	20 47	0 23	14 51	1 55	12 54	0 21	2 55	2 8	34 47	11 56	23 4	23 11	22 37		n.a.
S 24	4 39	25 35	2 8	1 52	1 0	0s 7	0 39	3 57	0 1	20 48	0 23	14 51	1 55	12 53	0 21	2 55	2 8	34 47	11 55	23 4	23 11	22 36		n.a.
M25	4 15	24 45	0 57	2 34	1 7	0 40	0 37	4 15	0 2	20 48	0 22	14 50	1 55	12 53	0 21	2 56	2 8	34 46	11 55	23 4	23 11	22 34		n.a.
T 26	3 51	22 19	0s19	3 16	1 13	1 12	0 35	4 33	0 2	20 48	0 22	14 50	1 55	12 52	0 21	2 57	2 8	34 46	11 55	23 4	23 12	22 32		n.a.
W27	3 27	18 27	1 34	3 57	1 19	1 44	0 33	4 51	0 3	20 49	0 22	14 49	1 55	12 52	0 21	2 57	2 8	34 46	11 55	23 4	23 12	22 31		n.a.
T 28	3 2	13 28	2 43	4 38	1 25	2 17	0 30	5 9	0 4	20 49	0 22	14 48	1 56	12 51	0 21	2 58	2 8	34 46	11 54	23 4	23 12	22 29		n.a.
F 29	2 38	7 44	3 42	5 19	1 31	2 49	0 28	5 28	0 5	20 49	0 22	14 48	1 56	12 50	0 21	2 59	2 8	34 46	11 54	23 5	23 13	22 27		n.a.
S 30	2n14	1n39	4s26	6s 0	1s37	3s21	0n26	5s46	0s 5	20n49	0s22	14n47	1s56	12n50	0s21	2s59	2s 8	34s46	11s54	23s 6	23s13	22s26		n.a.

Julian Day Number = 1204472.5, Delta T = 09h19m12s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'17, Lahiri = -23°29'17 Julian Calendar 1 Sept. 1416 BCE == Greg. Calendar 19 Aug. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

OCTOBER 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 48 10	25♍29'38	29♍55	12♎39	10♎33	14♎54	3♊18	14°R58	4°R12	27°R24	15°R26	13°R57	12♑56	17♑ 0	n.a.	S 1
M 2	23 52 7	26°30'13	13♎50	14° 5	11°48	15°39	3°18	14♉56	4♉10	27♓22	15♑26	13♑45	12°53	17° 6	n.a.	M 2
T 3	23 56 3	27°30'51	27°22	15°30	13° 3	16°23	3°R18	14°53	4° 9	27°21	15°26	13°33	12°50	17°13	n.a.	T 3
W 4	0 0 0	28°31'30	10♏32	16°55	14°18	17° 8	3°18	14°51	4° 7	27°19	15°25	13°23	12°47	17°20	n.a.	W 4
T 5	0 3 56	29°32'10	23°18	18°19	15°33	17°52	3°18	14°48	4° 5	27°17	15°25	13°15	12°43	17°26	n.a.	T 5
F 6	0 7 53	0♎32'52	5♐43	19°43	16°48	18°37	3°17	14°45	4° 3	27°16	15°25	13°10	12°40	17°33	n.a.	F 6
S 7	0 11 50	1°33'36	17°51	21° 5	18° 4	19°22	3°17	14°42	4° 1	27°14	15°25	13° 8	12°37	17°40	n.a.	S 7
S 8	0 15 46	2°34'20	29°46	22°26	19°19	20° 7	3°16	14°39	3°59	27°12	15°25	13°D 7	12°34	17°46	n.a.	S 8
M 9	0 19 43	3°35'06	11♑35	23°46	20°34	20°52	3°15	14°36	3°56	27°11	15°25	13°R 7	12°31	17°53	n.a.	M 9
T 10	0 23 39	4°35'53	23°23	25° 5	21°49	21°36	3°14	14°33	3°54	27° 9	15°25	13° 7	12°27	18° 0	n.a.	T 10
W11	0 27 36	5°36'42	5♒15	26°23	23° 4	22°21	3°12	14°30	3°52	27° 7	15°25	13° 5	12°24	18° 6	n.a.	W11
T 12	0 31 32	6°37'31	17°16	27°38	24°19	23° 6	3°10	14°27	3°50	27° 5	15°D25	13° 1	12°21	18°13	n.a.	T 12
F 13	0 35 29	7°38'22	29°30	28°52	25°34	23°51	3° 8	14°23	3°48	27° 4	15°25	12°54	12°18	18°20	n.a.	F 13
S 14	0 39 25	8°39'14	12♓ 0	0♏ 4	26°49	24°37	3° 6	14°20	3°46	27° 2	15°25	12°44	12°15	18°26	n.a.	S 14
S 15	0 43 22	9°40'07	24°49	1°13	28° 4	25°22	3° 4	14°16	3°43	27° 0	15°25	12°32	12°12	18°33	n.a.	S 15
M16	0 47 19	10°41'01	7♈55	2°19	29°19	26° 7	3° 2	14°13	3°41	26°59	15°25	12°19	12° 8	18°39	n.a.	M16
T 17	0 51 15	11°41'57	21°18	3°23	0♏34	26°52	2°59	14° 9	3°39	26°57	15°25	12° 5	12° 5	18°46	n.a.	T 17
W18	0 55 12	12°42'54	4♉54	4°22	1°49	27°37	2°56	14° 5	3°36	26°56	15°25	11°53	12° 2	18°53	n.a.	W18
T 19	0 59 8	13°43'52	18°41	5°18	3° 4	28°23	2°53	14° 1	3°34	26°54	15°25	11°43	11°59	18°59	n.a.	T 19
F 20	1 3 5	14°44'52	2♊36	6° 8	4°19	29° 8	2°50	13°57	3°32	26°52	15°25	11°36	11°56	19° 6	n.a.	F 20
S 21	1 7 1	15°45'53	16°35	6°54	5°34	29°54	2°46	13°53	3°29	26°51	15°26	11°32	11°53	19°13	n.a.	S 21
S 22	1 10 58	16°46'56	0♋37	7°33	6°49	0♏39	2°43	13°49	3°27	26°49	15°26	11°30	11°49	19°19	n.a.	S 22
M23	1 14 54	17°48'00	14°41	8° 6	8° 4	1°25	2°39	13°45	3°25	26°48	15°26	11°30	11°46	19°26	n.a.	M23
T 24	1 18 51	18°49'05	28°46	8°31	9°19	2°10	2°35	13°41	3°22	26°46	15°26	11°30	11°43	19°33	n.a.	T 24
W25	1 22 48	19°50'12	12♌51	8°47	10°34	2°56	2°31	13°36	3°20	26°45	15°27	11°28	11°40	19°39	n.a.	W25
T 26	1 26 44	20°51'20	26°55	8°R54	11°49	3°42	2°26	13°32	3°17	26°43	15°27	11°24	11°37	19°46	n.a.	T 26
F 27	1 30 41	21°52'29	10♍56	8°51	13° 3	4°27	2°22	13°27	3°15	26°42	15°27	11°17	11°33	19°53	n.a.	F 27
S 28	1 34 37	22°53'39	24°52	8°38	14°18	5°13	2°17	13°23	3°12	26°40	15°28	11° 7	11°30	19°59	n.a.	S 28
S 29	1 38 34	23°54'50	8♎38	8°13	15°33	5°59	2°12	13°18	3°10	26°39	15°28	10°55	11°27	20° 6	n.a.	S 29
M30	1 42 30	24°56'02	22°11	7°37	16°48	6°45	2° 7	13°14	3° 7	26°37	15°29	10°42	11°24	20°13	n.a.	M30
T 31	1 46 27	25♎57'15	5♏28	6♏50	18♏ 3	7♏31	2♊ 2	13♉ 9	3♉ 5	26♓36	15♑29	10♑30	11♑21	20♑19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	1n49	4s26	4s53	6s39	1s43	3s53	0n23	6s 4	0s 6	20n50	0s22	14n46	1s56	12n49	0s21	3s 0	2s 8	34s45	11s54	23s 7	23s13	22s24			n.a.
M 2	1 25	10 10	5 2	7 19	1 49	4 25	0 21	6 22	0 7	20 50	0 22	14 45	1 56	12 49	0 21	3 1	2 8	34 45	11 53	23 8	23 14	22 22			n.a.
T 3	1 0	15 16	4 53	7 57	1 54	4 57	0 19	6 40	0 7	20 50	0 22	14 45	1 56	12 48	0 21	3 1	2 8	34 45	11 53	23 10	23 14	22 20			n.a.
W 4	0 36	19 29	4 29	8 35	1 59	5 29	0 16	6 58	0 8	20 50	0 22	14 44	1 56	12 47	0 21	3 2	2 8	34 45	11 53	23 11	23 14	22 19			n.a.
T 5	0 11	22 39	3 52	9 12	2 4	6 1	0 14	7 16	0 9	20 50	0 22	14 43	1 56	12 47	0 21	3 3	2 8	34 44	11 53	23 11	23 14	22 17			n.a.
F 6	0s13	24 40	3 5	9 49	2 8	6 33	0 11	7 34	0 9	20 50	0 22	14 42	1 56	12 46	0 21	3 4	2 8	34 44	11 52	23 12	23 15	22 15			n.a.
S 7	0 38	25 27	2 10	10 25	2 13	7 4	0 9	7 52	0 10	20 50	0 22	14 41	1 56	12 45	0 21	3 4	2 8	34 44	11 52	23 12	23 15	22 13			n.a.
S 8	1 2	25 2	1 10	10 59	2 17	7 35	0 7	8 10	0 11	20 50	0 22	14 40	1 56	12 45	0 21	3 5	2 8	34 44	11 52	23 12	23 15	22 12			n.a.
M 9	1 27	23 29	0 8	11 33	2 20	8 6	0 4	8 27	0 11	20 50	0 21	14 39	1 57	12 44	0 21	3 6	2 8	34 44	11 52	23 12	23 16	22 10			n.a.
T 10	1 52	20 54	0n54	12 6	2 24	8 37	0 2	8 45	0 12	20 49	0 21	14 38	1 57	12 43	0 21	3 6	2 8	34 43	11 51	23 12	23 16	22 8			n.a.
W11	2 16	17 27	1 54	12 37	2 27	9 8	0s 1	9 3	0 13	20 49	0 21	14 37	1 57	12 42	0 21	3 7	2 8	34 43	11 51	23 12	23 16	22 6			n.a.
T 12	2 41	13 14	2 50	13 8	2 29	9 39	0 4	9 20	0 13	20 49	0 21	14 36	1 57	12 42	0 21	3 8	2 8	34 43	11 51	23 13	23 17	22 5			n.a.
F 13	3 5	8 26	3 39	13 36	2 31	10 9	0 6	9 38	0 14	20 49	0 21	14 35	1 57	12 41	0 21	3 8	2 8	34 43	11 51	23 13	23 17	22 3			n.a.
S 14	3 29	3 12	4 19	14 4	2 32	10 39	0 9	9 56	0 15	20 48	0 21	14 34	1 57	12 40	0 21	3 9	2 8	34 42	11 50	23 14	23 17	22 1			n.a.
S 15	3 54	2n16	4 46	14 29	2 33	11 9	0 11	10 13	0 15	20 48	0 21	14 33	1 57	12 39	0 21	3 10	2 8	34 42	11 50	23 16	23 17	21 59			n.a.
M16	4 18	7 45	4 59	14 53	2 33	11 38	0 14	10 30	0 16	20 48	0 21	14 32	1 57	12 39	0 21	3 10	2 8	34 42	11 50	23 17	23 18	21 57			n.a.
T 17	4 42	13 0	4 56	15 15	2 33	12 7	0 16	10 48	0 17	20 47	0 21	14 30	1 57	12 38	0 21	3 11	2 8	34 42	11 50	23 18	23 18	21 56			n.a.
W18	5 6	17 43	4 37	15 34	2 31	12 36	0 19	11 5	0 17	20 47	0 21	14 29	1 57	12 37	0 21	3 11	2 8	34 41	11 49	23 19	23 18	21 54			n.a.
T 19	5 31	21 32	4 1	15 51	2 29	13 5	0 21	11 22	0 18	20 46	0 21	14 28	1 57	12 36	0 21	3 12	2 8	34 41	11 49	23 20	23 19	21 52			n.a.
F 20	5 55	24 9	3 10	16 5	2 26	13 33	0 24	11 39	0 19	20 46	0 21	14 27	1 57	12 35	0 21	3 13	2 8	34 41	11 49	23 21	23 19	21 50			n.a.
S 21	6 19	25 17	2 8	16 17	2 22	14 1	0 26	11 56	0 19	20 45	0 20	14 25	1 57	12 34	0 21	3 13	2 8	34 40	11 49	23 21	23 19	21 48			n.a.
S 22	6 42	24 49	0 57	16 25	2 16	14 29	0 29	12 13	0 20	20 44	0 20	14 24	1 57	12 34	0 21	3 14	2 8	34 40	11 48	23 21	23 20	21 47			n.a.
M23	7 6	22 45	0s17	16 29	2 10	14 56	0 31	12 30	0 21	20 44	0 20	14 23	1 57	12 33	0 21	3 15	2 8	34 40	11 48	23 21	23 20	21 45			n.a.
T 24	7 30	19 18	1 30	16 30	2 2	15 23	0 34	12 46	0 21	20 43	0 20	14 22	1 57	12 32	0 21	3 15	2 8	34 40	11 48	23 21	23 20	21 43			n.a.
W25	7 53	14 44	2 38	16 27	1 52	15 50	0 36	13 3	0 22	20 42	0 20	14 20	1 57	12 31	0 21	3 16	2 8	34 39	11 48	23 21	23 20	21 41			n.a.
T 26	8 17	9 23	3 36	16 19	1 41	16 16	0 39	13 19	0 23	20 41	0 20	14 19	1 57	12 30	0 21	3 16	2 8	34 39	11 47	23 22	23 21	21 39			n.a.
F 27	8 40	3 35	4 20	16 6	1 29	16 41	0 41	13 36	0 23	20 41	0 20	14 18	1 57	12 29	0 21	3 17	2 8	34 39	11 47	23 22	23 21	21 37			n.a.
S 28	9 3	2s20	4 49	15 49	1 15	17 6	0 44	13 52	0 24	20 40	0 20	14 16	1 57	12 29	0 21	3 18	2 8	34 38	11 47	23 23	23 21	21 36			n.a.
S 29	9 26	8 4	5 1	15 26	1 0	17 31	0 46	14 8	0 25	20 39	0 20	14 15	1 57	12 28	0 21	3 18	2 8	34 38	11 47	23 24	23 22	21 34			n.a.
M30	9 49	13 20	4 55	14 58	0 42	17 55	0 48	14 24	0 25	20 38	0 19	14 14	1 57	12 27	0 21	3 19	2 8	34 38	11 46	23 25	23 22	21 32			n.a.
T 31	10s12	17s51	4s33	14s25	0s24	18s19	0s51	14s40	0s26	20n37	0s19	14n12	1s57	12n26	0s21	3s19	2s 7	34s37	11s46	23s26	23s22	21s30			n.a.

Julian Day Number = 1204502.5, Delta T = 09h19m10s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'13, Lahiri = -23°29'13 Julian Calendar 1 Oct. 1416 BCE == Greg. Calendar 18 Sept. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

NOVEMBER 1416 BCE (-1415) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 50 23	26♎58'29	18♏27	5°R52	19♏18	8♏17	1°R57	13°R 5	3°R 2	26°R34	15♑30	10°R18	11♑18	20♑26	n.a.	W 1
T 2	1 54 20	27°59'43	1♐ 7	4♏45	20°33	9° 3	1♊51	13♉ 0	2♉59	26♓33	15°30	10♑10	11°14	20°32	n.a.	T 2
F 3	1 58 17	29° 0'58	13°29	3°30	21°47	9°49	1°45	12°55	2°57	26°31	15°31	10° 4	11°11	20°39	n.a.	F 3
S 4	2 2 13	0♏ 2'13	25°36	2°10	23° 2	10°35	1°40	12°50	2°54	26°30	15°31	10° 0	11° 8	20°46	n.a.	S 4
S 5	2 6 10	1° 3'29	7♑32	0°47	24°17	11°21	1°34	12°45	2°52	26°29	15°32	9°D59	11° 5	20°52	n.a.	S 5
M 6	2 10 6	2° 4'45	19°20	29♎25	25°32	12° 7	1°27	12°41	2°49	26°27	15°33	10° 0	11° 2	20°59	n.a.	M 6
T 7	2 14 3	3° 6'01	1♒ 8	28° 6	26°47	12°53	1°21	12°36	2°47	26°26	15°33	10°R 0	10°59	21° 6	n.a.	T 7
W 8	2 17 59	4° 7'17	13° 0	26°52	28° 1	13°40	1°15	12°31	2°44	26°25	15°34	10° 0	10°55	21°12	n.a.	W 8
T 9	2 21 56	5° 8'34	25° 1	25°45	29°16	14°26	1° 8	12°26	2°42	26°24	15°35	9°57	10°52	21°19	n.a.	T 9
F 10	2 25 52	6° 9'50	7♓17	24°48	0♐31	15°12	1° 2	12°21	2°39	26°22	15°35	9°53	10°49	21°26	n.a.	F 10
S 11	2 29 49	7°11'07	19°52	24° 1	1°45	15°59	0°55	12°16	2°36	26°21	15°36	9°46	10°46	21°32	n.a.	S 11
S 12	2 33 46	8°12'23	2♈48	23°24	3° 0	16°45	0°48	12°11	2°34	26°20	15°37	9°37	10°43	21°39	n.a.	S 12
M13	2 37 42	9°13'40	16° 7	22°59	4°15	17°32	0°41	12° 6	2°31	26°19	15°38	9°26	10°39	21°46	n.a.	M13
T 14	2 41 39	10°14'57	29°49	22°44	5°29	18°18	0°34	12° 1	2°29	26°18	15°39	9°15	10°36	21°52	n.a.	T 14
W15	2 45 35	11°16'14	13♉49	22°D40	6°44	19° 4	0°27	11°56	2°26	26°17	15°39	9° 6	10°33	21°59	n.a.	W15
T 16	2 49 32	12°17'32	28° 3	22°45	7°58	19°51	0°19	11°51	2°24	26°16	15°40	8°58	10°30	22° 6	n.a.	T 16
F 17	2 53 28	13°18'49	12♊25	22°58	9°13	20°38	0°12	11°46	2°21	26°14	15°41	8°52	10°27	22°12	n.a.	F 17
S 18	2 57 25	14°20'07	26°51	23°20	10°27	21°24	0° 4	11°41	2°19	26°13	15°42	8°49	10°24	22°19	n.a.	S 18
S 19	3 1 22	15°21'26	11♋15	23°49	11°42	22°11	29♉57	11°36	2°16	26°12	15°43	8°D49	10°20	22°25	n.a.	S 19
M20	3 5 18	16°22'44	25°33	24°25	12°56	22°57	29°49	11°31	2°14	26°11	15°44	8°50	10°17	22°32	n.a.	M20
T 21	3 9 15	17°24'02	9♌43	25° 6	14°11	23°44	29°41	11°26	2°11	26°11	15°45	8°51	10°14	22°39	n.a.	T 21
W22	3 13 11	18°25'21	23°45	25°53	15°25	24°31	29°34	11°21	2° 9	26°10	15°46	8°R51	10°11	22°45	n.a.	W22
T 23	3 17 8	19°26'40	7♍36	26°44	16°40	25°18	29°26	11°16	2° 6	26° 9	15°47	8°49	10° 8	22°52	n.a.	T 23
F 24	3 21 4	20°27'59	21°18	27°39	17°54	26° 4	29°18	11°11	2° 4	26° 8	15°48	8°45	10° 4	22°59	n.a.	F 24
S 25	3 25 1	21°29'18	4♎49	28°39	19° 8	26°51	29°10	11° 6	2° 2	26° 7	15°49	8°39	10° 1	23° 5	n.a.	S 25
S 26	3 28 57	22°30'37	18° 9	29°41	20°23	27°38	29° 2	11° 2	1°59	26° 6	15°50	8°32	9°58	23°12	n.a.	S 26
M27	3 32 54	23°31'55	1♏16	0♏46	21°37	28°25	28°54	10°57	1°57	26° 6	15°51	8°23	9°55	23°19	n.a.	M27
T 28	3 36 51	24°33'14	14°11	1°54	22°51	29°12	28°46	10°52	1°55	26° 5	15°53	8°15	9°52	23°25	n.a.	T 28
W29	3 40 47	25°34'32	26°51	3° 4	24° 6	29°59	28°38	10°47	1°52	26° 4	15°54	8° 7	9°49	23°32	n.a.	W29
T 30	3 44 44	26♏35'50	9♐18	4♏16	25♐20	0♐46	28♉30	10♉42	1♉50	26♓ 3	15♑55	8♑ 2	9♑45	23♑39	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s34	21s25	3s58	13s47	0s 5	18s43	0s53	14s56	0s26	20n36	0s19	14n11	1s57	12n25	0s21	3s20	2s 7	34s37	11s46	23s27	23s22	21s28		n.a.
T 2	10 57	23 51	3 11	13 5	0n16	19 5	0 55	15 11	0 27	20 35	0 19	14 9	1 57	12 24	0 21	3 20	2 7	34 37	11 46	23 28	23 23	21 26		n.a.
F 3	11 19	25 4	2 16	12 20	0 36	19 28	0 58	15 27	0 28	20 34	0 19	14 8	1 57	12 23	0 21	3 21	2 7	34 37	11 45	23 28	23 23	21 24		n.a.
S 4	11 41	25 3	1 16	11 33	0 57	19 49	1 0	15 42	0 28	20 33	0 19	14 6	1 57	12 22	0 21	3 21	2 7	34 36	11 45	23 29	23 23	21 22		n.a.
S 5	12 3	23 52	0 13	10 46	1 16	20 11	1 2	15 58	0 29	20 32	0 19	14 5	1 57	12 22	0 21	3 22	2 7	34 36	11 45	23 29	23 23	21 21		n.a.
M 6	12 24	21 37	0n50	9 59	1 35	20 31	1 4	16 13	0 30	20 31	0 19	14 4	1 57	12 21	0 21	3 22	2 7	34 36	11 45	23 29	23 24	21 19		n.a.
T 7	12 46	18 28	1 50	9 14	1 52	20 51	1 6	16 28	0 30	20 30	0 19	14 2	1 57	12 20	0 21	3 23	2 7	34 35	11 44	23 29	23 24	21 17		n.a.
W 8	13 7	14 33	2 47	8 33	2 7	21 11	1 9	16 42	0 31	20 28	0 18	14 1	1 57	12 19	0 21	3 23	2 7	34 35	11 44	23 29	23 24	21 15		n.a.
T 9	13 28	10 1	3 36	7 57	2 20	21 30	1 11	16 57	0 31	20 27	0 18	13 59	1 57	12 18	0 21	3 24	2 7	34 35	11 44	23 29	23 24	21 13		n.a.
F 10	13 49	5 1	4 17	7 26	2 31	21 48	1 13	17 11	0 32	20 26	0 18	13 58	1 57	12 17	0 21	3 24	2 7	34 34	11 44	23 29	23 25	21 11		n.a.
S 11	14 9	0n18	4 46	7 0	2 40	22 6	1 15	17 26	0 33	20 24	0 18	13 56	1 57	12 16	0 21	3 25	2 7	34 34	11 44	23 30	23 25	21 9		n.a.
S 12	14 29	5 44	5 2	6 40	2 47	22 23	1 17	17 40	0 33	20 23	0 18	13 55	1 57	12 15	0 20	3 25	2 7	34 34	11 43	23 30	23 25	21 7		n.a.
M13	14 49	11 5	5 2	6 27	2 51	22 39	1 18	17 54	0 34	20 22	0 18	13 53	1 57	12 14	0 20	3 26	2 7	34 33	11 43	23 31	23 26	21 5		n.a.
T 14	15 9	16 2	4 45	6 19	2 54	22 55	1 20	18 8	0 34	20 20	0 18	13 52	1 57	12 14	0 20	3 26	2 7	34 33	11 43	23 32	23 26	21 3		n.a.
W15	15 29	20 15	4 11	6 16	2 55	23 10	1 22	18 21	0 35	20 19	0 18	13 50	1 56	12 13	0 20	3 26	2 7	34 33	11 43	23 33	23 26	21 1		n.a.
T 16	15 48	23 19	3 20	6 18	2 55	23 24	1 24	18 35	0 36	20 18	0 17	13 49	1 56	12 12	0 20	3 27	2 7	34 32	11 42	23 33	23 26	20 59		n.a.
F 17	16 7	24 57	2 17	6 25	2 53	23 38	1 25	18 48	0 36	20 16	0 17	13 47	1 56	12 11	0 20	3 27	2 7	34 32	11 42	23 34	23 27	20 58		n.a.
S 18	16 25	24 53	1 4	6 35	2 50	23 51	1 27	19 1	0 37	20 15	0 17	13 46	1 56	12 10	0 20	3 27	2 7	34 32	11 42	23 34	23 27	20 56		n.a.
S 19	16 44	23 10	0s13	6 50	2 47	24 3	1 29	19 14	0 37	20 13	0 17	13 44	1 56	12 9	0 20	3 28	2 7	34 31	11 42	23 34	23 27	20 54		n.a.
M20	17 2	19 57	1 29	7 7	2 42	24 15	1 30	19 27	0 38	20 12	0 17	13 43	1 56	12 8	0 20	3 28	2 7	34 31	11 42	23 34	23 27	20 52		n.a.
T 21	17 19	15 35	2 39	7 27	2 37	24 25	1 32	19 39	0 38	20 10	0 17	13 42	1 56	12 8	0 20	3 28	2 6	34 31	11 41	23 34	23 28	20 50		n.a.
W22	17 37	10 25	3 38	7 50	2 31	24 35	1 33	19 52	0 39	20 9	0 17	13 40	1 56	12 7	0 20	3 29	2 6	34 30	11 41	23 34	23 28	20 48		n.a.
T 23	17 54	4 48	4 24	8 14	2 25	24 45	1 34	20 4	0 40	20 7	0 16	13 39	1 56	12 6	0 20	3 29	2 6	34 30	11 41	23 34	23 28	20 46		n.a.
F 24	18 11	0s59	4 54	8 41	2 18	24 53	1 36	20 16	0 40	20 5	0 16	13 37	1 56	12 5	0 20	3 29	2 6	34 30	11 41	23 34	23 28	20 44		n.a.
S 25	18 27	6 38	5 7	9 9	2 11	25 1	1 37	20 27	0 41	20 4	0 16	13 36	1 55	12 4	0 20	3 30	2 6	34 29	11 41	23 34	23 29	20 42		n.a.
S 26	18 43	11 54	5 4	9 38	2 4	25 8	1 38	20 39	0 41	20 2	0 16	13 35	1 55	12 3	0 20	3 30	2 6	34 29	11 40	23 35	23 29	20 40		n.a.
M27	18 59	16 33	4 44	10 8	1 56	25 14	1 39	20 50	0 42	20 1	0 16	13 33	1 55	12 3	0 20	3 30	2 6	34 29	11 40	23 35	23 29	20 38		n.a.
T 28	19 14	20 21	4 10	10 39	1 49	25 20	1 40	21 1	0 42	19 59	0 16	13 32	1 55	12 2	0 20	3 30	2 6	34 28	11 40	23 36	23 29	20 36		n.a.
W29	19 30	23 6	3 24	11 10	1 41	25 25	1 41	21 12	0 43	19 57	0 16	13 30	1 55	12 1	0 20	3 31	2 6	34 28	11 40	23 36	23 30	20 34		n.a.
T 30	19s44	24s42	2s29	11s43	1n33	25s29	1s42	21s23	0s43	19n56	0s15	13n29	1s55	12n 0	0s20	3s31	2s 6	34s28	11s40	23s37	23s30	20s32		n.a.

Julian Day Number = 1204533.5, Delta T = 09h19m09s
Ecliptic obliquity = 23°51'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'09, Lahiri = -23°29'08 Julian Calendar 1 Nov. 1416 BCE == Greg. Calendar 19 Oct. 1416 BCE

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ASTRODIENST EPHEMERIS for the year 1416 BCE
geocentric

DECEMBER 1416 BCE (-1415) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 48 40	27♏37'07	21♐31	5♏31	26♐34	1♐33	28°R21	10°R38	1°R48	26°R 3	15♑56	7°R58	9♑42	23♑45	n.a.	F 1
S 2	3 52 37	28°38'24	3♑34	6°46	27°48	2°20	28♉13	10♉33	1♉46	26♓ 2	15°57	7°D57	9°39	23°52	n.a.	S 2
S 3	3 56 33	29°39'40	15°27	8° 4	29° 2	3° 7	28° 5	10°28	1°43	26° 2	15°59	7♑57	9°36	23°59	n.a.	S 3
M 4	4 0 30	0♐40'55	27°15	9°22	0♑17	3°54	27°57	10°24	1°41	26° 1	16° 0	7°58	9°33	24° 5	n.a.	M 4
T 5	4 4 27	1°42'10	9♒ 2	10°42	1°31	4°41	27°49	10°19	1°39	26° 1	16° 1	8° 0	9°30	24°12	n.a.	T 5
W 6	4 8 23	2°43'23	20°53	12° 3	2°45	5°28	27°41	10°15	1°37	26° 0	16° 2	8° 2	9°26	24°19	n.a.	W 6
T 7	4 12 20	3°44'35	2♓52	13°25	3°59	6°15	27°33	10°11	1°35	26° 0	16° 4	8°R 2	9°23	24°25	n.a.	T 7
F 8	4 16 16	4°45'47	15° 6	14°48	5°13	7° 2	27°25	10° 6	1°33	25°59	16° 5	8° 2	9°20	24°32	n.a.	F 8
S 9	4 20 13	5°46'57	27°38	16°12	6°27	7°49	27°17	10° 2	1°31	25°59	16° 6	8° 0	9°17	24°38	n.a.	S 9
S 10	4 24 9	6°48'06	10♈33	17°37	7°40	8°37	27° 9	9°58	1°29	25°59	16° 8	7°56	9°14	24°45	n.a.	S 10
M11	4 28 6	7°49'14	23°54	19° 3	8°54	9°24	27° 1	9°54	1°27	25°58	16° 9	7°52	9°10	24°52	n.a.	M11
T 12	4 32 2	8°50'21	7♉41	20°29	10° 8	10°11	26°54	9°50	1°25	25°58	16°10	7°47	9° 7	24°58	n.a.	T 12
W13	4 35 59	9°51'27	21°52	21°57	11°22	10°58	26°46	9°46	1°23	25°58	16°12	7°43	9° 4	25° 5	n.a.	W13
T 14	4 39 56	10°52'32	6♊24	23°25	12°36	11°45	26°38	9°42	1°21	25°58	16°13	7°39	9° 1	25°12	n.a.	T 14
F 15	4 43 52	11°53'36	21°10	24°54	13°49	12°32	26°31	9°38	1°20	25°57	16°15	7°37	8°58	25°18	n.a.	F 15
S 16	4 47 49	12°54'39	6♋ 2	26°23	15° 3	13°20	26°23	9°34	1°18	25°57	16°16	7°D36	8°55	25°25	n.a.	S 16
S 17	4 51 45	13°55'41	20°53	27°53	16°16	14° 7	26°16	9°31	1°16	25°57	16°17	7°37	8°51	25°32	n.a.	S 17
M18	4 55 42	14°56'42	5♌36	29°24	17°30	14°54	26° 8	9°27	1°15	25°57	16°19	7°38	8°48	25°38	n.a.	M18
T 19	4 59 38	15°57'42	20° 6	0♐55	18°43	15°41	26° 1	9°24	1°13	25°D57	16°20	7°39	8°45	25°45	n.a.	T 19
W20	5 3 35	16°58'41	4♍18	2°28	19°57	16°29	25°54	9°20	1°11	25°57	16°22	7°40	8°42	25°52	n.a.	W20
T 21	5 7 32	17°59'39	18°12	4° 0	21°10	17°16	25°47	9°17	1°10	25°57	16°23	7°R41	8°39	25°58	n.a.	T 21
F 22	5 11 28	19° 0'36	1♎48	5°34	22°23	18° 3	25°40	9°13	1° 8	25°57	16°25	7°40	8°36	26° 5	n.a.	F 22
S 23	5 15 25	20° 1'32	15° 6	7° 8	23°37	18°51	25°33	9°10	1° 7	25°57	16°26	7°39	8°32	26°12	n.a.	S 23
S 24	5 19 21	21° 2'27	28° 7	8°43	24°50	19°38	25°26	9° 7	1° 5	25°58	16°28	7°37	8°29	26°18	n.a.	S 24
M25	5 23 18	22° 3'21	10♏53	10°19	26° 3	20°25	25°20	9° 4	1° 4	25°58	16°30	7°34	8°26	26°25	n.a.	M25
T 26	5 27 14	23° 4'14	23°27	11°55	27°16	21°13	25°14	9° 1	1° 3	25°58	16°31	7°32	8°23	26°32	n.a.	T 26
W27	5 31 11	24° 5'06	5♐48	13°32	28°29	22° 0	25° 7	8°59	1° 2	25°58	16°33	7°30	8°20	26°38	n.a.	W27
T 28	5 35 7	25° 5'56	17°59	15°10	29°42	22°47	25° 1	8°56	1° 0	25°59	16°34	7°29	8°16	26°45	n.a.	T 28
F 29	5 39 4	26° 6'45	0♑ 1	16°49	0♒55	23°35	24°55	8°53	0°59	25°59	16°36	7°28	8°13	26°52	n.a.	F 29
S 30	5 43 1	27° 7'32	11°56	18°29	2° 8	24°22	24°49	8°51	0°58	25°59	16°37	7°D28	8°10	26°58	n.a.	S 30
S 31	5 46 57	28♐ 8'18	23♑46	20♐ 9	3♒21	25♐ 9	24♉43	8♉49	0♉57	26♓ 0	16♑39	7♑28	8♑ 7	27♑ 5	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s59	25s 3	1s28	12s15	1n25	25s32	1s43	21s33	0s44	19n54	0s15	13n28	1s55	12n 0	0s20	3s31	2s 6	34s27	11s39	23s37	23s30	20s30		n.a.
S 2	20 12	24 13	0 24	12 48	1 17	25 34	1 43	21 43	0 44	19 52	0 15	13 26	1 54	11 59	0 20	3 31	2 6	34 27	11 39	23 37	23 30	20 28		n.a.
S 3	20 26	22 16	0n41	13 21	1 9	25 36	1 44	21 53	0 45	19 51	0 15	13 25	1 54	11 58	0 20	3 31	2 6	34 27	11 39	23 37	23 30	20 26		n.a.
M 4	20 39	19 23	1 43	13 54	1 1	25 36	1 45	22 3	0 45	19 49	0 15	13 24	1 54	11 57	0 20	3 32	2 6	34 26	11 39	23 37	23 31	20 24		n.a.
T 5	20 52	15 43	2 42	14 27	0 53	25 36	1 45	22 12	0 46	19 47	0 15	13 23	1 54	11 57	0 20	3 32	2 6	34 26	11 39	23 37	23 31	20 22		n.a.
W 6	21 4	11 25	3 33	15 0	0 45	25 36	1 46	22 21	0 46	19 45	0 14	13 21	1 54	11 56	0 20	3 32	2 6	34 26	11 39	23 37	23 31	20 20		n.a.
T 7	21 16	6 39	4 16	15 33	0 37	25 34	1 46	22 30	0 47	19 44	0 14	13 20	1 54	11 55	0 20	3 32	2 5	34 25	11 39	23 37	23 31	20 18		n.a.
F 8	21 28	1 33	4 49	16 6	0 29	25 32	1 46	22 39	0 47	19 42	0 14	13 19	1 53	11 54	0 20	3 32	2 5	34 25	11 38	23 37	23 32	20 16		n.a.
S 9	21 39	3n44	5 8	16 38	0 22	25 29	1 47	22 47	0 48	19 40	0 14	13 18	1 53	11 54	0 20	3 32	2 5	34 25	11 38	23 37	23 32	20 14		n.a.
S 10	21 50	9 2	5 13	17 10	0 14	25 25	1 47	22 55	0 48	19 39	0 14	13 17	1 53	11 53	0 20	3 32	2 5	34 24	11 38	23 37	23 32	20 12		n.a.
M11	22 0	14 5	5 1	17 41	0 7	25 20	1 47	23 3	0 49	19 37	0 14	13 15	1 53	11 52	0 20	3 32	2 5	34 24	11 38	23 37	23 32	20 10		n.a.
T 12	22 10	18 35	4 32	18 12	0s 1	25 14	1 47	23 11	0 49	19 35	0 13	13 14	1 53	11 52	0 20	3 32	2 5	34 24	11 38	23 38	23 32	20 8		n.a.
W13	22 19	22 10	3 45	18 42	0 8	25 8	1 47	23 18	0 50	19 34	0 13	13 13	1 52	11 51	0 20	3 32	2 5	34 23	11 38	23 38	23 33	20 6		n.a.
T 14	22 28	24 26	2 43	19 12	0 15	25 1	1 46	23 25	0 50	19 32	0 13	13 12	1 52	11 50	0 20	3 32	2 5	34 23	11 38	23 38	23 33	20 4		n.a.
F 15	22 37	25 3	1 29	19 41	0 22	24 53	1 46	23 32	0 51	19 30	0 13	13 11	1 52	11 50	0 20	3 32	2 5	34 23	11 37	23 38	23 33	20 1		n.a.
S 16	22 45	23 52	0 9	20 10	0 29	24 45	1 46	23 39	0 51	19 29	0 13	13 10	1 52	11 49	0 20	3 32	2 5	34 22	11 37	23 38	23 33	19 59		n.a.
S 17	22 52	21 1	1s13	20 37	0 36	24 36	1 45	23 45	0 52	19 27	0 13	13 9	1 52	11 49	0 20	3 32	2 5	34 22	11 37	23 38	23 34	19 57		n.a.
M18	23 0	16 48	2 28	21 4	0 42	24 26	1 45	23 51	0 52	19 26	0 12	13 8	1 51	11 48	0 20	3 32	2 5	34 22	11 37	23 38	23 34	19 55		n.a.
T 19	23 6	11 40	3 33	21 30	0 49	24 15	1 44	23 57	0 52	19 24	0 12	13 7	1 51	11 48	0 20	3 32	2 5	34 22	11 37	23 38	23 34	19 53		n.a.
W20	23 13	6 1	4 24	21 55	0 55	24 3	1 44	24 2	0 53	19 23	0 12	13 6	1 51	11 47	0 20	3 32	2 5	34 21	11 37	23 38	23 34	19 51		n.a.
T 21	23 18	0 11	4 58	22 19	1 1	23 51	1 43	24 7	0 53	19 21	0 12	13 6	1 51	11 46	0 20	3 32	2 5	34 21	11 37	23 38	23 34	19 49		n.a.
F 22	23 24	5s31	5 14	22 42	1 6	23 38	1 42	24 12	0 54	19 20	0 12	13 5	1 50	11 46	0 20	3 32	2 4	34 21	11 37	23 38	23 35	19 47		n.a.
S 23	23 29	10 51	5 13	23 4	1 12	23 25	1 41	24 17	0 54	19 18	0 12	13 4	1 50	11 45	0 20	3 32	2 4	34 20	11 37	23 38	23 35	19 45		n.a.
S 24	23 33	15 35	4 56	23 25	1 17	23 11	1 40	24 21	0 55	19 17	0 11	13 3	1 50	11 45	0 20	3 32	2 4	34 20	11 37	23 38	23 35	19 43		n.a.
M25	23 37	19 32	4 24	23 45	1 22	22 56	1 39	24 25	0 55	19 15	0 11	13 2	1 50	11 45	0 20	3 32	2 4	34 20	11 36	23 38	23 35	19 41		n.a.
T 26	23 41	22 31	3 40	24 3	1 27	22 40	1 38	24 29	0 55	19 14	0 11	13 2	1 49	11 44	0 20	3 31	2 4	34 20	11 36	23 39	23 35	19 39		n.a.
W27	23 44	24 23	2 47	24 20	1 31	22 24	1 37	24 33	0 56	19 12	0 11	13 1	1 49	11 44	0 20	3 31	2 4	34 19	11 36	23 39	23 36	19 36		n.a.
T 28	23 46	25 4	1 46	24 36	1 36	22 7	1 35	24 36	0 56	19 11	0 11	13 0	1 49	11 43	0 20	3 31	2 4	34 19	11 36	23 39	23 36	19 34		n.a.
F 29	23 48	24 33	0 41	24 51	1 40	21 50	1 34	24 39	0 56	19 10	0 11	13 0	1 49	11 43	0 20	3 31	2 4	34 19	11 36	23 39	23 36	19 32		n.a.
S 30	23 50	22 54	0n25	25 4	1 43	21 32	1 32	24 41	0 57	19 8	0 10	12 59	1 49	11 42	0 20	3 31	2 4	34 18	11 36	23 39	23 36	19 30		n.a.
S 31	23s51	20s16	1n29	25s15	1s46	21s13	1s31	24s43	0s57	19n 7	0s10	12n59	1s48	11n42	0s20	3s30	2s 4	34s18	11s36	23s39	23s36	19s28		n.a.

Julian Day Number = 1204563.5, Delta T = 09h19m07s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'05, Lahiri = -23°29'04 Julian Calendar 1 Dec. 1416 BCE == Greg. Calendar 18 Nov. 1416 BCE

The year -1415 astronomical counting style corresponds to year 1416 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

JANUARY 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 50 54	29♐ 9'02	5♒34	21♐50	4♒33	25♐57	24°R38	8°R46	0°R56	26♓ 0	16♑41	7♑29	8♑ 4	27♑12	n.a.	M 1
T 2	5 54 50	0♑ 9'44	17°22	23°32	5°46	26°44	24♉33	8♉44	0♉55	26° 1	16°42	7°30	8° 1	27°18	n.a.	T 2
W 3	5 58 47	1°10'24	29°13	25°14	6°59	27°31	24°27	8°42	0°54	26° 1	16°44	7°31	7°57	27°25	n.a.	W 3
T 4	6 2 43	2°11'03	11♓13	26°58	8°11	28°19	24°22	8°40	0°53	26° 2	16°45	7°31	7°54	27°31	n.a.	T 4
F 5	6 6 40	3°11'39	23°24	28°42	9°23	29° 6	24°17	8°38	0°52	26° 2	16°47	7°32	7°51	27°38	n.a.	F 5
S 6	6 10 37	4°12'14	5♈52	0♑28	10°36	29°53	24°13	8°36	0°52	26° 3	16°49	7°R32	7°48	27°45	n.a.	S 6
S 7	6 14 33	5°12'46	18°41	2°14	11°48	0♑40	24° 8	8°35	0°51	26° 3	16°50	7°32	7°45	27°51	n.a.	S 7
M 8	6 18 30	6°13'17	1♉54	4° 1	13° 0	1°28	24° 4	8°33	0°50	26° 4	16°52	7°32	7°42	27°58	n.a.	M 8
T 9	6 22 26	7°13'45	15°34	5°49	14°12	2°15	23°59	8°32	0°49	26° 5	16°54	7°D31	7°38	28° 5	n.a.	T 9
W10	6 26 23	8°14'12	29°42	7°38	15°24	3° 2	23°55	8°31	0°49	26° 5	16°55	7°31	7°35	28°11	n.a.	W10
T 11	6 30 19	9°14'36	14♊14	9°27	16°36	3°50	23°51	8°29	0°48	26° 6	16°57	7°32	7°32	28°18	n.a.	T 11
F 12	6 34 16	10°14'59	29° 8	11°18	17°48	4°37	23°48	8°28	0°48	26° 7	16°59	7°32	7°29	28°25	n.a.	F 12
S 13	6 38 12	11°15'19	14♋15	13° 9	19° 0	5°24	23°44	8°27	0°48	26° 8	17° 0	7°R32	7°26	28°31	n.a.	S 13
S 14	6 42 9	12°15'38	29°26	15° 1	20°11	6°11	23°41	8°26	0°47	26° 9	17° 2	7°32	7°22	28°38	n.a.	S 14
M15	6 46 6	13°15'55	14♌32	16°54	21°23	6°59	23°38	8°26	0°47	26°10	17° 4	7°31	7°19	28°45	n.a.	M15
T 16	6 50 2	14°16'10	29°24	18°47	22°34	7°46	23°35	8°25	0°47	26°11	17° 5	7°30	7°16	28°51	n.a.	T 16
W17	6 53 59	15°16'23	13♍56	20°41	23°45	8°33	23°32	8°25	0°46	26°12	17° 7	7°30	7°13	28°58	n.a.	W17
T 18	6 57 55	16°16'35	28° 3	22°35	24°57	9°20	23°30	8°24	0°46	26°13	17° 9	7°29	7°10	29° 5	n.a.	T 18
F 19	7 1 52	17°16'44	11♎45	24°30	26° 8	10° 7	23°27	8°24	0°46	26°14	17°10	7°D28	7° 7	29°11	n.a.	F 19
S 20	7 5 48	18°16'53	25° 2	26°24	27°19	10°55	23°25	8°24	0°D46	26°15	17°12	7°28	7° 3	29°18	n.a.	S 20
S 21	7 9 45	19°16'59	7♏57	28°19	28°30	11°42	23°23	8°D24	0°46	26°16	17°14	7°29	7° 0	29°25	n.a.	S 21
M22	7 13 41	20°17'04	20°32	0♒13	29°40	12°29	23°21	8°24	0°46	26°17	17°15	7°30	6°57	29°31	n.a.	M22
T 23	7 17 38	21°17'07	2♐52	2° 6	0♓51	13°16	23°20	8°24	0°46	26°18	17°17	7°31	6°54	29°38	n.a.	T 23
W24	7 21 35	22°17'08	15° 0	3°59	2° 2	14° 3	23°18	8°24	0°46	26°19	17°19	7°32	6°51	29°45	n.a.	W24
T 25	7 25 31	23°17'07	26°58	5°50	3°12	14°50	23°17	8°24	0°47	26°20	17°21	7°33	6°48	29°51	n.a.	T 25
F 26	7 29 28	24°17'04	8♑51	7°40	4°22	15°37	23°16	8°25	0°47	26°22	17°22	7°R34	6°44	29°58	n.a.	F 26
S 27	7 33 24	25°17'00	20°40	9°27	5°33	16°24	23°15	8°26	0°47	26°23	17°24	7°33	6°41	0♒ 5	n.a.	S 27
S 28	7 37 21	26°16'53	2♒28	11°12	6°43	17°11	23°15	8°26	0°48	26°24	17°26	7°32	6°38	0°11	n.a.	S 28
M29	7 41 17	27°16'44	14°17	12°54	7°53	17°58	23°14	8°27	0°48	26°25	17°27	7°29	6°35	0°18	n.a.	M29
T 30	7 45 14	28°16'32	26° 8	14°32	9° 2	18°45	23°14	8°28	0°49	26°27	17°29	7°26	6°32	0°25	n.a.	T 30
W31	7 49 10	29♑16'19	8♓ 4	16♒ 6	10♓12	19♑32	23°D14	8♉29	0♉49	26♓28	17♑30	7♑22	6♑28	0♒31	n.a.	W31

Day	☉	☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s51	16 s48	2n30		25 s25	1 s49	20 s54	1 s29	24 s45	0 s58	19n 6	0 s10	12n58	1 s48	11n42	0 s20	3 s30	2 s 4	34 s18	11 s36	23 s39	23 s37	19 s26			n.a.
T 2	23 52	12 40	3 24		25 34	1 52	20 34	1 27	24 47	0 58	19 5	0 10	12 58	1 48	11 41	0 20	3 30	2 4	34 18	11 36	23 39	23 37	19 24			n.a.
W 3	23 51	8 3	4 10		25 41	1 54	20 14	1 25	24 49	0 58	19 4	0 10	12 57	1 47	11 41	0 20	3 30	2 4	34 17	11 36	23 39	23 37	19 22			n.a.
T 4	23 51	3 6	4 45		25 46	1 56	19 53	1 23	24 50	0 59	19 3	0 9	12 57	1 47	11 41	0 19	3 29	2 4	34 17	11 36	23 39	23 37	19 20			n.a.
F 5	23 49	2n 3	5 8		25 49	1 58	19 31	1 21	24 50	0 59	19 2	0 9	12 57	1 47	11 41	0 19	3 29	2 3	34 17	11 36	23 39	23 37	19 17			n.a.
S 6	23 48	7 13	5 18		25 50	1 59	19 9	1 19	24 51	0 59	19 1	0 9	12 56	1 47	11 40	0 19	3 29	2 3	34 17	11 36	23 39	23 38	19 15			n.a.
S 7	23 45	12 14	5 12		25 50	1 59	18 47	1 17	24 51	1 0	19 0	0 9	12 56	1 46	11 40	0 19	3 28	2 3	34 16	11 36	23 39	23 38	19 13			n.a.
M 8	23 43	16 52	4 50		25 48	2 0	18 24	1 15	24 51	1 0	18 59	0 9	12 56	1 46	11 40	0 19	3 28	2 3	34 16	11 36	23 39	23 38	19 11			n.a.
T 9	23 40	20 47	4 11		25 43	1 59	18 1	1 12	24 51	1 0	18 58	0 9	12 56	1 46	11 40	0 19	3 28	2 3	34 16	11 36	23 39	23 38	19 9			n.a.
W10	23 36	23 37	3 15		25 37	1 59	17 37	1 10	24 50	1 1	18 57	0 8	12 55	1 46	11 40	0 19	3 27	2 3	34 16	11 36	23 39	23 38	19 7			n.a.
T 11	23 32	25 0	2 6		25 28	1 57	17 12	1 8	24 49	1 1	18 56	0 8	12 55	1 45	11 39	0 19	3 27	2 3	34 15	11 36	23 39	23 39	19 5			n.a.
F 12	23 27	24 38	0 47		25 18	1 56	16 48	1 5	24 48	1 1	18 55	0 8	12 55	1 45	11 39	0 19	3 27	2 3	34 15	11 36	23 39	23 39	19 2			n.a.
S 13	23 22	22 28	0 s37		25 5	1 53	16 23	1 2	24 46	1 1	18 55	0 8	12 55	1 45	11 39	0 19	3 26	2 3	34 15	11 36	23 39	23 39	19 0			n.a.
S 14	23 17	18 42	1 59		24 50	1 51	15 57	1 0	24 44	1 2	18 54	0 8	12 55	1 45	11 39	0 19	3 26	2 3	34 15	11 36	23 39	23 39	18 58			n.a.
M15	23 11	13 42	3 12		24 33	1 47	15 31	0 57	24 42	1 2	18 53	0 8	12 55	1 44	11 39	0 19	3 25	2 3	34 14	11 36	23 39	23 39	18 56			n.a.
T 16	23 5	7 59	4 10		24 13	1 43	15 5	0 54	24 40	1 2	18 53	0 7	12 55	1 44	11 39	0 19	3 25	2 3	34 14	11 36	23 39	23 39	18 54			n.a.
W17	22 58	1 57	4 51		23 51	1 38	14 38	0 51	24 37	1 2	18 52	0 7	12 55	1 44	11 39	0 19	3 25	2 3	34 14	11 36	23 39	23 40	18 51			n.a.
T 18	22 51	3 s59	5 13		23 28	1 33	14 11	0 48	24 34	1 3	18 52	0 7	12 55	1 44	11 39	0 19	3 24	2 3	34 14	11 36	23 39	23 40	18 49			n.a.
F 19	22 43	9 34	5 17		23 2	1 27	13 44	0 45	24 31	1 3	18 51	0 7	12 56	1 43	11 39	0 19	3 24	2 3	34 14	11 36	23 39	23 40	18 47			n.a.
S 20	22 35	14 32	5 3		22 33	1 20	13 16	0 42	24 27	1 3	18 51	0 7	12 56	1 43	11 39	0 19	3 23	2 2	34 13	11 36	23 39	23 40	18 45			n.a.
S 21	22 27	18 43	4 34		22 3	1 13	12 48	0 38	24 23	1 3	18 50	0 7	12 56	1 43	11 39	0 19	3 23	2 2	34 13	11 36	23 39	23 40	18 43			n.a.
M22	22 18	21 55	3 52		21 31	1 5	12 20	0 35	24 19	1 4	18 50	0 6	12 56	1 42	11 39	0 19	3 22	2 2	34 13	11 36	23 39	23 41	18 41			n.a.
T 23	22 9	24 3	3 1		20 57	0 56	11 51	0 32	24 15	1 4	18 50	0 6	12 57	1 42	11 39	0 19	3 22	2 2	34 13	11 36	23 39	23 41	18 38			n.a.
W24	21 59	25 1	2 2		20 21	0 47	11 23	0 28	24 10	1 4	18 50	0 6	12 57	1 42	11 39	0 19	3 21	2 2	34 13	11 36	23 39	23 41	18 36			n.a.
T 25	21 49	24 48	0 58		19 44	0 37	10 54	0 25	24 5	1 4	18 50	0 6	12 57	1 42	11 39	0 19	3 21	2 2	34 13	11 36	23 38	23 41	18 34			n.a.
F 26	21 38	23 26	0n 7		19 6	0 26	10 24	0 21	24 0	1 5	18 50	0 6	12 58	1 41	11 39	0 19	3 20	2 2	34 12	11 36	23 38	23 41	18 32			n.a.
S 27	21 27	21 3	1 12		18 26	0 14	9 55	0 18	23 54	1 5	18 49	0 6	12 58	1 41	11 39	0 19	3 19	2 2	34 12	11 36	23 39	23 41	18 29			n.a.
S 28	21 16	17 48	2 13		17 46	0 3	9 25	0 14	23 48	1 5	18 49	0 5	12 59	1 41	11 39	0 19	3 19	2 2	34 12	11 37	23 39	23 42	18 27			n.a.
M29	21 4	13 49	3 9		17 5	0n10	8 55	0 10	23 42	1 5	18 50	0 5	12 59	1 41	11 40	0 19	3 18	2 2	34 12	11 37	23 39	23 42	18 25			n.a.
T 30	20 52	9 19	3 57		16 24	0 23	8 25	0 6	23 36	1 5	18 50	0 5	13 0	1 40	11 40	0 19	3 18	2 2	34 12	11 37	23 39	23 42	18 23			n.a.
W31	20 s40	4 s27	4n35		15 s43	0n36	7 s55	0 s 3	23 s29	1 s 5	18n50	0 s 5	13n 0	1 s40	11n40	0 s19	3 s17	2 s 2	34 s12	11 s37	23 s39	23 s42	18 s21			n.a.

Julian Day Number = 1204594.5, Delta T = 09h19m05s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°36'01, Lahiri = -23°29'00 Julian Calendar 1 Jan. 1415 BCE == Greg. Calendar 19 Dec. 1416 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

FEBRUARY 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 53 7	0♒16'03	20♓ 8	17♒35	11♓21	20♑19	23♉14	8♉30	0♉50	26♓30	17♑32	7°R18	6♑25	0♒38	n.a.	T 1
F 2	7 57 3	1°15'44	2♈23	18°59	12°31	21° 6	23°15	8°32	0°50	26°31	17°34	7♑15	6°22	0°45	n.a.	F 2
S 3	8 1 0	2°15'23	14°51	20°18	13°40	21°53	23°15	8°33	0°51	26°33	17°35	7°13	6°19	0°51	n.a.	S 3
S 4	8 4 57	3°15'00	27°36	21°31	14°49	22°40	23°16	8°35	0°52	26°34	17°37	7°D12	6°16	0°58	n.a.	S 4
M 5	8 8 53	4°14'35	10♉42	22°37	15°58	23°27	23°17	8°36	0°53	26°35	17°39	7°12	6°13	1° 5	n.a.	M 5
T 6	8 12 50	5°14'07	24°11	23°36	17° 7	24°14	23°18	8°38	0°53	26°37	17°40	7°13	6° 9	1°11	n.a.	T 6
W 7	8 16 46	6°13'36	8♊ 6	24°28	18°15	25° 0	23°20	8°40	0°54	26°39	17°42	7°14	6° 6	1°18	n.a.	W 7
T 8	8 20 43	7°13'03	22°27	25°12	19°24	25°47	23°21	8°42	0°55	26°40	17°43	7°16	6° 3	1°25	n.a.	T 8
F 9	8 24 39	8°12'28	7♋11	25°49	20°32	26°34	23°23	8°44	0°56	26°42	17°45	7°R16	6° 0	1°31	n.a.	F 9
S 10	8 28 36	9°11'50	22°14	26°17	21°40	27°21	23°25	8°46	0°57	26°43	17°47	7°16	5°57	1°38	n.a.	S 10
S 11	8 32 32	10°11'10	7♌28	26°38	22°48	28° 7	23°27	8°48	0°58	26°45	17°48	7°13	5°54	1°45	n.a.	S 11
M12	8 36 29	11°10'28	22°43	26°51	23°56	28°54	23°29	8°51	1° 0	26°47	17°50	7° 9	5°50	1°51	n.a.	M12
T 13	8 40 26	12° 9'44	7♍48	26°R56	25° 3	29°41	23°32	8°53	1° 1	26°48	17°51	7° 5	5°47	1°58	n.a.	T 13
W14	8 44 22	13° 8'57	22°35	26°54	26°10	0♒27	23°34	8°56	1° 2	26°50	17°53	6°59	5°44	2° 4	n.a.	W14
T 15	8 48 19	14° 8'08	6♎56	26°43	27°17	1°14	23°37	8°58	1° 3	26°52	17°54	6°54	5°41	2°11	n.a.	T 15
F 16	8 52 15	15° 7'18	20°49	26°26	28°24	2° 0	23°40	9° 1	1° 5	26°54	17°56	6°50	5°38	2°18	n.a.	F 16
S 17	8 56 12	16° 6'25	4♏13	26° 3	29°31	2°47	23°43	9° 4	1° 6	26°55	17°58	6°48	5°34	2°24	n.a.	S 17
S 18	9 0 8	17° 5'31	17°10	25°33	0♈37	3°33	23°47	9° 7	1° 8	26°57	17°59	6°D47	5°31	2°31	n.a.	S 18
M19	9 4 5	18° 4'35	29°44	24°58	1°44	4°19	23°50	9°10	1° 9	26°59	18° 1	6°48	5°28	2°38	n.a.	M19
T 20	9 8 1	19° 3'37	11♐59	24°18	2°50	5° 6	23°54	9°13	1°11	27° 1	18° 2	6°49	5°25	2°44	n.a.	T 20
W21	9 11 58	20° 2'37	24° 1	23°35	3°56	5°52	23°58	9°17	1°12	27° 3	18° 3	6°51	5°22	2°51	n.a.	W21
T 22	9 15 54	21° 1'35	5♑54	22°49	5° 1	6°38	24° 2	9°20	1°14	27° 5	18° 5	6°R51	5°19	2°58	n.a.	T 22
F 23	9 19 51	22° 0'31	17°42	22° 2	6° 6	7°25	24° 6	9°23	1°16	27° 7	18° 6	6°51	5°15	3° 4	n.a.	F 23
S 24	9 23 48	22°59'25	29°28	21°13	7°12	8°11	24°11	9°27	1°17	27° 9	18° 8	6°48	5°12	3°11	n.a.	S 24
S 25	9 27 44	23°58'17	11♒17	20°25	8°16	8°57	24°15	9°31	1°19	27°10	18° 9	6°43	5° 9	3°18	n.a.	S 25
M26	9 31 41	24°57'07	23° 9	19°37	9°21	9°43	24°20	9°35	1°21	27°12	18°11	6°36	5° 6	3°24	n.a.	M26
T 27	9 35 37	25°55'54	5♓ 7	18°52	10°25	10°29	24°25	9°38	1°23	27°14	18°12	6°27	5° 3	3°31	n.a.	T 27
W28	9 39 34	26♒54'40	17♓13	18♒ 9	11♈29	11♒15	24♉30	9♉42	1♉25	27♓16	18♑13	6♑18	5♑ 0	3♒38	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20s27	0n37	5n 1	15s 2	0n50	7s25	0n 1	23s22	1s 6	18n50	0s 5	13n 1	1s40	11n40	0s19	3s16	2s 2	34s12	11s37	23s39	23s42	18s18		n.a.	T 1
F 2	20 14	5 44	5 13	14 23	1 4	6 54	0 5	23 15	1 6	18 50	0 5	13 2	1 39	11 41	0 19	3 16	2 2	34 11	11 37	23 40	23 42	18 16		n.a.	F 2
S 3	20 0	10 43	5 12	13 44	1 18	6 23	0 9	23 8	1 6	18 51	0 5	13 2	1 39	11 41	0 19	3 15	2 2	34 11	11 37	23 40	23 42	18 14		n.a.	S 3
S 4	19 46	15 22	4 55	13 8	1 32	5 53	0 13	23 0	1 6	18 51	0 4	13 3	1 39	11 41	0 19	3 14	2 2	34 11	11 37	23 40	23 43	18 12		n.a.	S 4
M 5	19 32	19 26	4 23	12 33	1 46	5 22	0 17	22 52	1 6	18 51	0 4	13 4	1 39	11 41	0 19	3 14	2 2	34 11	11 37	23 40	23 43	18 9		n.a.	M 5
T 6	19 18	22 37	3 35	12 0	2 0	4 51	0 22	22 44	1 6	18 52	0 4	13 5	1 38	11 42	0 19	3 13	2 1	34 11	11 38	23 40	23 43	18 7		n.a.	T 6
W 7	19 3	24 34	2 33	11 30	2 14	4 20	0 26	22 36	1 6	18 52	0 4	13 6	1 38	11 42	0 19	3 12	2 1	34 11	11 38	23 40	23 43	18 5		n.a.	W 7
T 8	18 48	24 59	1 20	11 3	2 27	3 49	0 30	22 27	1 6	18 53	0 4	13 6	1 38	11 42	0 19	3 12	2 1	34 11	11 38	23 40	23 43	18 3		n.a.	T 8
F 9	18 32	23 40	0 0	10 38	2 40	3 17	0 34	22 18	1 7	18 53	0 4	13 7	1 38	11 43	0 19	3 11	2 1	34 11	11 38	23 39	23 43	18 0		n.a.	F 9
S 10	18 16	20 39	1s21	10 18	2 51	2 46	0 39	22 9	1 7	18 54	0 3	13 8	1 37	11 43	0 19	3 10	2 1	34 11	11 38	23 40	23 44	17 58		n.a.	S 10
S 11	18 0	16 11	2 38	10 0	3 2	2 15	0 43	21 59	1 7	18 55	0 3	13 9	1 37	11 44	0 19	3 10	2 1	34 10	11 38	23 40	23 44	17 56		n.a.	S 11
M12	17 44	10 41	3 43	9 46	3 12	1 44	0 47	21 50	1 7	18 55	0 3	13 10	1 37	11 44	0 18	3 9	2 1	34 10	11 38	23 40	23 44	17 54		n.a.	M12
T 13	17 27	4 36	4 32	9 36	3 21	1 13	0 52	21 40	1 7	18 56	0 3	13 11	1 37	11 45	0 18	3 8	2 1	34 10	11 39	23 40	23 44	17 51		n.a.	T 13
W14	17 10	1s37	5 2	9 30	3 29	0 42	0 56	21 30	1 7	18 57	0 3	13 12	1 36	11 45	0 18	3 7	2 1	34 10	11 39	23 40	23 44	17 49		n.a.	W14
T 15	16 53	7 33	5 12	9 28	3 35	0 10	1 1	21 20	1 7	18 58	0 3	13 14	1 36	11 46	0 18	3 7	2 1	34 10	11 39	23 41	23 44	17 47		n.a.	T 15
F 16	16 35	12 55	5 2	9 29	3 40	0n21	1 5	21 9	1 7	18 59	0 3	13 15	1 36	11 46	0 18	3 6	2 1	34 10	11 39	23 41	23 44	17 45		n.a.	F 16
S 17	16 17	17 29	4 37	9 34	3 43	0 52	1 9	20 58	1 7	19 0	0 2	13 16	1 36	11 47	0 18	3 5	2 1	34 10	11 39	23 41	23 45	17 42		n.a.	S 17
S 18	15 59	21 3	3 58	9 43	3 44	1 23	1 14	20 47	1 7	19 1	0 2	13 17	1 35	11 47	0 18	3 4	2 1	34 10	11 39	23 41	23 45	17 40		n.a.	S 18
M19	15 41	23 31	3 8	9 55	3 44	1 54	1 19	20 36	1 7	19 2	0 2	13 18	1 35	11 48	0 18	3 4	2 1	34 10	11 40	23 41	23 45	17 38		n.a.	M19
T 20	15 22	24 47	2 11	10 10	3 42	2 25	1 23	20 25	1 7	19 3	0 2	13 20	1 35	11 48	0 18	3 3	2 1	34 10	11 40	23 41	23 45	17 35		n.a.	T 20
W21	15 3	24 53	1 9	10 28	3 38	2 55	1 28	20 13	1 7	19 4	0 2	13 21	1 34	11 49	0 18	3 2	2 1	34 10	11 40	23 41	23 45	17 33		n.a.	W21
T 22	14 44	23 49	0 5	10 48	3 33	3 26	1 32	20 1	1 7	19 5	0 2	13 22	1 34	11 49	0 18	3 1	2 1	34 10	11 40	23 41	23 45	17 31		n.a.	T 22
F 23	14 25	21 42	0n58	11 10	3 26	3 57	1 37	19 49	1 7	19 6	0 2	13 24	1 34	11 50	0 18	3 0	2 1	34 10	11 40	23 41	23 45	17 28		n.a.	F 23
S 24	14 6	18 41	1 59	11 34	3 17	4 27	1 41	19 37	1 7	19 7	0 2	13 25	1 34	11 51	0 18	3 0	2 1	34 10	11 41	23 41	23 45	17 26		n.a.	S 24
S 25	13 46	14 54	2 55	11 59	3 7	4 57	1 46	19 25	1 7	19 9	0 1	13 26	1 34	11 51	0 18	2 59	2 1	34 10	11 41	23 41	23 46	17 24		n.a.	S 25
M26	13 26	10 32	3 43	12 25	2 55	5 27	1 50	19 12	1 7	19 10	0 1	13 28	1 33	11 52	0 18	2 58	2 1	34 10	11 41	23 42	23 46	17 22		n.a.	M26
T 27	13 6	5 44	4 22	12 52	2 43	5 57	1 55	19 0	1 7	19 11	0 1	13 29	1 33	11 53	0 18	2 57	2 1	34 10	11 41	23 42	23 46	17 19		n.a.	T 27
W28	12s46	0s42	4n50	13s18	2n29	6n27	2n 0	18s47	1s 7	19n13	0s 1	13n31	1s33	11n53	0s18	2s56	2s 0	34s10	11s41	23s43	23s46	17s17		n.a.	W28

Julian Day Number = 1204625.5, Delta T = 09h19m03s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'56, Lahiri = -23°28'56 Julian Calendar 1 Feb. 1415 BCE == Greg. Calendar 19 Jan. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

MARCH 1415 BCE (-1414) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 43 30	27♒53'23	29♓27	17°R30	12♈33	12♒ 2	24♉35	9♉46	1♉27	27♓18	18♊15	6°R 8	4♊56	3♒44	n.a.	T 1
F 2	9 47 27	28°52'04	11♈52	16♒54	13°37	12°48	24°41	9°51	1°29	27°20	18°16	5♊59	4°53	3°51	n.a.	F 2
S 3	9 51 23	29°50'42	24°28	16°23	14°40	13°33	24°46	9°55	1°31	27°22	18°17	5°52	4°50	3°58	n.a.	S 3
S 4	9 55 20	0♓49'19	7♉17	15°56	15°43	14°19	24°52	9°59	1°33	27°25	18°19	5°47	4°47	4° 4	n.a.	S 4
M 5	9 59 16	1°47'53	20°23	15°34	16°46	15° 5	24°58	10° 3	1°35	27°27	18°20	5°45	4°44	4°11	n.a.	M 5
T 6	10 3 13	2°46'25	3♊47	15°18	17°48	15°51	25° 4	10° 8	1°37	27°29	18°21	5°D44	4°40	4°18	n.a.	T 6
W 7	10 7 10	3°44'54	17°31	15° 6	18°50	16°37	25°10	10°13	1°39	27°31	18°23	5°45	4°37	4°24	n.a.	W 7
T 8	10 11 6	4°43'21	1♋37	15° 0	19°51	17°23	25°16	10°17	1°42	27°33	18°24	5°R45	4°34	4°31	n.a.	T 8
F 9	10 15 3	5°41'46	16° 5	14°D59	20°53	18° 8	25°23	10°22	1°44	27°35	18°25	5°45	4°31	4°38	n.a.	F 9
S 10	10 18 59	6°40'09	0♌51	15° 3	21°53	18°54	25°30	10°27	1°46	27°37	18°26	5°43	4°28	4°44	n.a.	S 10
S 11	10 22 56	7°38'29	15°51	15°12	22°54	19°39	25°36	10°32	1°49	27°39	18°27	5°38	4°25	4°51	n.a.	S 11
M12	10 26 52	8°36'47	0♍56	15°26	23°54	20°25	25°43	10°37	1°51	27°41	18°29	5°31	4°21	4°58	n.a.	M12
T 13	10 30 49	9°35'03	15°57	15°45	24°54	21°10	25°50	10°42	1°53	27°44	18°30	5°22	4°18	5° 4	n.a.	T 13
W14	10 34 45	10°33'17	0♎44	16° 8	25°53	21°56	25°57	10°47	1°56	27°46	18°31	5°12	4°15	5°11	n.a.	W14
T 15	10 38 42	11°31'29	15°10	16°36	26°52	22°41	26° 5	10°52	1°58	27°48	18°32	5° 3	4°12	5°18	n.a.	T 15
F 16	10 42 38	12°29'40	29° 9	17° 8	27°50	23°27	26°12	10°57	2° 1	27°50	18°33	4°54	4° 9	5°24	n.a.	F 16
S 17	10 46 35	13°27'49	12♏39	17°44	28°48	24°12	26°20	11° 3	2° 4	27°52	18°34	4°48	4° 5	5°31	n.a.	S 17
S 18	10 50 32	14°25'56	25°41	18°24	29°46	24°57	26°27	11° 8	2° 6	27°54	18°35	4°45	4° 2	5°38	n.a.	S 18
M19	10 54 28	15°24'02	8♐18	19° 7	0♑43	25°42	26°35	11°14	2° 9	27°57	18°36	4°43	3°59	5°44	n.a.	M19
T 20	10 58 25	16°22'06	20°35	19°54	1°39	26°28	26°43	11°19	2°12	27°59	18°37	4°D43	3°56	5°51	n.a.	T 20
W21	11 2 21	17°20'09	2♒37	20°45	2°35	27°13	26°51	11°25	2°14	28° 1	18°38	4°R43	3°53	5°58	n.a.	W21
T 22	11 6 18	18°18'10	14°29	21°39	3°31	27°58	27° 0	11°31	2°17	28° 3	18°39	4°43	3°50	6° 4	n.a.	T 22
F 23	11 10 14	19°16'10	26°16	22°35	4°26	28°43	27° 8	11°36	2°20	28° 6	18°40	4°41	3°46	6°11	n.a.	F 23
S 24	11 14 11	20°14'08	8♒ 3	23°35	5°20	29°28	27°16	11°42	2°23	28° 8	18°41	4°37	3°43	6°18	n.a.	S 24
S 25	11 18 7	21°12'04	19°55	24°38	6°14	0♓13	27°25	11°48	2°25	28°10	18°42	4°29	3°40	6°24	n.a.	S 25
M26	11 22 4	22° 9'59	1♓53	25°44	7° 8	0°58	27°34	11°54	2°28	28°12	18°43	4°20	3°37	6°31	n.a.	M26
T 27	11 26 1	23° 7'52	14° 1	26°52	8° 0	1°43	27°42	12° 0	2°31	28°14	18°44	4° 8	3°34	6°38	n.a.	T 27
W28	11 29 57	24° 5'43	26°19	28° 3	8°52	2°27	27°51	12° 6	2°34	28°17	18°45	3°55	3°31	6°44	n.a.	W28
T 29	11 33 54	25° 3'33	8♈48	29°16	9°44	3°12	28° 0	12°13	2°37	28°19	18°46	3°41	3°27	6°51	n.a.	T 29
F 30	11 37 50	26° 1'21	21°28	0♓32	10°34	3°57	28°10	12°19	2°40	28°21	18°47	3°29	3°24	6°58	n.a.	F 30
S 31	11 41 47	26♓59'08	4♉20	1♓51	11♉24	4♓41	28♉19	12♉25	2♉43	28♓23	18♊47	3♊19	3♊21	7♒ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12s25	4n25	5n 4	13s44	2n15	6n57	2n 4	18s34	1s 7	19n14	0s 1	13n32	1s33	11n54	0s18	2s56	2s 0	34s10	11s42	23s43	23s46	17s15			n.a.
F 2	12 4	9 26	5 5	14 9	2 0	7 26	2 9	18 20	1 7	19 16	0 1	13 34	1 32	11 55	0 18	2 55	2 0	34 10	11 42	23 43	23 46	17 12			n.a.
S 3	11 43	14 8	4 50	14 33	1 45	7 55	2 13	18 7	1 7	19 17	0 1	13 35	1 32	11 56	0 18	2 54	2 0	34 10	11 42	23 44	23 46	17 10			n.a.
S 4	11 22	18 18	4 22	14 56	1 29	8 24	2 18	17 53	1 7	19 19	0 0	13 37	1 32	11 56	0 18	2 53	2 0	34 10	11 42	23 44	23 46	17 8			n.a.
M 5	11 1	21 40	3 39	15 17	1 13	8 53	2 22	17 39	1 7	19 20	0 0	13 39	1 32	11 57	0 18	2 52	2 0	34 10	11 43	23 44	23 47	17 5			n.a.
T 6	10 40	23 56	2 43	15 37	0 58	9 21	2 27	17 26	1 7	19 22	0 0	13 40	1 31	11 58	0 18	2 51	2 0	34 10	11 43	23 44	23 47	17 3			n.a.
W 7	10 18	24 52	1 36	15 55	0 42	9 49	2 31	17 11	1 7	19 24	0 0	13 42	1 31	11 59	0 18	2 50	2 0	34 10	11 43	23 44	23 47	17 1			n.a.
T 8	9 57	24 13	0 22	16 12	0 27	10 17	2 36	16 57	1 7	19 25	0n 0	13 44	1 31	11 59	0 18	2 49	2 0	34 10	11 43	23 44	23 47	16 58			n.a.
F 9	9 35	21 58	0s55	16 26	0 12	10 45	2 40	16 43	1 7	19 27	0 0	13 45	1 31	12 0	0 18	2 49	2 0	34 10	11 44	23 44	23 47	16 56			n.a.
S 10	9 13	18 13	2 10	16 39	0s 2	11 12	2 44	16 28	1 6	19 29	0 0	13 47	1 30	12 1	0 18	2 48	2 0	34 10	11 44	23 44	23 47	16 54			n.a.
S 11	8 51	13 14	3 17	16 49	0 16	11 39	2 49	16 14	1 6	19 30	0 0	13 49	1 30	12 2	0 18	2 47	2 0	34 10	11 44	23 44	23 47	16 51			n.a.
M12	8 29	7 26	4 11	16 58	0 30	12 6	2 53	15 59	1 6	19 32	0 1	13 51	1 30	12 3	0 18	2 46	2 0	34 10	11 44	23 45	23 47	16 49			n.a.
T 13	8 7	1 15	4 46	17 4	0 42	12 32	2 57	15 44	1 6	19 34	0 1	13 52	1 30	12 4	0 18	2 45	2 0	34 11	11 45	23 45	23 47	16 47			n.a.
W14	7 44	4s54	5 3	17 9	0 55	12 58	3 1	15 29	1 6	19 36	0 1	13 54	1 30	12 5	0 18	2 44	2 0	34 11	11 45	23 45	23 48	16 44			n.a.
T 15	7 22	10 39	4 59	17 11	1 6	13 24	3 5	15 14	1 6	19 38	0 1	13 56	1 29	12 6	0 18	2 43	2 0	34 11	11 45	23 46	23 48	16 42			n.a.
F 16	6 59	15 40	4 37	17 12	1 17	13 49	3 9	14 58	1 6	19 40	0 1	13 58	1 29	12 6	0 18	2 42	2 0	34 11	11 45	23 46	23 48	16 40			n.a.
S 17	6 37	19 43	4 0	17 11	1 28	14 14	3 13	14 43	1 6	19 42	0 1	14 0	1 29	12 7	0 18	2 41	2 0	34 11	11 46	23 46	23 48	16 37			n.a.
S 18	6 14	22 37	3 12	17 7	1 37	14 39	3 17	14 27	1 5	19 44	0 1	14 2	1 29	12 8	0 18	2 41	2 0	34 11	11 46	23 46	23 48	16 35			n.a.
M19	5 51	24 19	2 16	17 2	1 46	15 3	3 21	14 12	1 5	19 45	0 1	14 4	1 29	12 9	0 18	2 40	2 0	34 11	11 46	23 47	23 48	16 32			n.a.
T 20	5 28	24 46	1 15	16 55	1 54	15 27	3 25	13 56	1 5	19 47	0 2	14 6	1 28	12 10	0 18	2 39	2 0	34 11	11 47	23 47	23 48	16 30			n.a.
W21	5 5	24 1	0 11	16 45	2 2	15 50	3 29	13 40	1 5	19 50	0 2	14 8	1 28	12 11	0 18	2 38	2 0	34 11	11 47	23 47	23 48	16 28			n.a.
T 22	4 42	22 12	0n52	16 34	2 9	16 13	3 32	13 24	1 5	19 52	0 2	14 10	1 28	12 12	0 18	2 37	2 0	34 12	11 47	23 47	23 48	16 25			n.a.
F 23	4 19	19 26	1 52	16 21	2 15	16 36	3 36	13 8	1 4	19 54	0 2	14 12	1 28	12 13	0 18	2 36	2 0	34 12	11 47	23 47	23 48	16 23			n.a.
S 24	3 56	15 53	2 47	16 6	2 21	16 58	3 39	12 52	1 4	19 56	0 2	14 14	1 28	12 14	0 18	2 35	2 0	34 12	11 48	23 47	23 48	16 21			n.a.
S 25	3 33	11 42	3 35	15 50	2 26	17 20	3 43	12 35	1 4	19 58	0 2	14 16	1 27	12 15	0 18	2 34	2 0	34 12	11 48	23 47	23 49	16 18			n.a.
M26	3 10	7 2	4 14	15 31	2 30	17 41	3 46	12 19	1 4	20 0	0 2	14 18	1 27	12 16	0 18	2 33	2 0	34 12	11 48	23 47	23 49	16 16			n.a.
T 27	2 46	2 4	4 42	15 11	2 34	18 1	3 49	12 3	1 4	20 2	0 2	14 20	1 27	12 17	0 18	2 32	2 0	34 12	11 49	23 48	23 49	16 13			n.a.
W28	2 23	3n 3	4 58	14 49	2 37	18 22	3 52	11 46	1 3	20 4	0 2	14 22	1 27	12 18	0 18	2 31	2 0	34 13	11 49	23 48	23 49	16 11			n.a.
T 29	2 0	8 7	4 59	14 25	2 39	18 41	3 55	11 29	1 3	20 6	0 3	14 24	1 27	12 19	0 17	2 31	2 0	34 13	11 49	23 49	23 49	16 9			n.a.
F 30	1 36	12 55	4 46	13 59	2 41	19 1	3 58	11 13	1 3	20 9	0 3	14 26	1 26	12 20	0 17	2 30	2 0	34 13	11 50	23 49	23 49	16 6			n.a.
S 31	1s13	17n14	4n18	13s31	2s42	19n19	4n 1	10s56	1s 3	20n11	0n 3	14n28	1s26	12n21	0s17	2s29	2s 0	34s13	11s50	23s49	23s49	16s 4			n.a.

Julian Day Number = 1204653.5, Delta T = 09h19m02s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'53, Lahiri = -23°28'52 Julian Calendar 1 March 1415 BCE == Greg. Calendar 16 Feb. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

APRIL 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 45 43	27♓56'53	17♉24	3♓11	12♉14	5♓26	28♉28	12♉31	2♉46	28♓26	18♑48	3°R12	3♑18	7♒11	n.a.	S 1
M 2	11 49 40	28°54'36	0♊39	4°34	13° 2	6°10	28°38	12°38	2°49	28°28	18°49	3♑ 7	3°15	7°18	n.a.	M 2
T 3	11 53 36	29°52'17	14° 8	6° 0	13°50	6°55	28°47	12°44	2°52	28°30	18°50	3° 5	3°11	7°24	n.a.	T 3
W 4	11 57 33	0♈49'57	27°51	7°27	14°37	7°39	28°57	12°51	2°55	28°32	18°50	3° 5	3° 8	7°31	n.a.	W 4
T 5	12 1 29	1°47'35	11♋49	8°57	15°23	8°24	29° 7	12°57	2°59	28°35	18°51	3° 5	3° 5	7°38	n.a.	T 5
F 6	12 5 26	2°45'11	26° 2	10°29	16° 8	9° 8	29°17	13° 4	3° 2	28°37	18°52	3° 4	3° 2	7°44	n.a.	F 6
S 7	12 9 23	3°42'45	10♌29	12° 3	16°52	9°52	29°27	13°11	3° 5	28°39	18°52	3° 1	2°59	7°51	n.a.	S 7
S 8	12 13 19	4°40'18	25° 7	13°39	17°35	10°36	29°37	13°17	3° 8	28°41	18°53	2°55	2°56	7°58	n.a.	S 8
M 9	12 17 16	5°37'49	9♍51	15°18	18°17	11°20	29°47	13°24	3°11	28°44	18°53	2°47	2°52	8° 4	n.a.	M 9
T 10	12 21 12	6°35'18	24°32	16°58	18°59	12° 4	29°57	13°31	3°15	28°46	18°54	2°37	2°49	8°11	n.a.	T 10
W11	12 25 9	7°32'46	9♎ 5	18°41	19°39	12°48	0♊ 7	13°38	3°18	28°48	18°54	2°25	2°46	8°18	n.a.	W11
T 12	12 29 5	8°30'13	23°20	20°26	20°18	13°32	0°18	13°45	3°21	28°50	18°55	2°14	2°43	8°24	n.a.	T 12
F 13	12 33 2	9°27'39	7♏13	22°13	20°55	14°16	0°28	13°52	3°25	28°53	18°55	2° 4	2°40	8°31	n.a.	F 13
S 14	12 36 58	10°25'04	20°41	24° 3	21°32	15° 0	0°39	13°59	3°28	28°55	18°56	1°57	2°36	8°38	n.a.	S 14
S 15	12 40 55	11°22'28	3♐44	25°54	22° 7	15°44	0°49	14° 6	3°31	28°57	18°56	1°52	2°33	8°44	n.a.	S 15
M16	12 44 52	12°19'51	16°23	27°48	22°42	16°28	1° 0	14°13	3°35	28°59	18°57	1°49	2°30	8°51	n.a.	M16
T 17	12 48 48	13°17'13	28°42	29°43	23°14	17°11	1°11	14°20	3°38	29° 1	18°57	1°D49	2°27	8°58	n.a.	T 17
W18	12 52 45	14°14'34	10♑45	1♈41	23°46	17°55	1°22	14°27	3°41	29° 4	18°58	1°R49	2°24	9° 4	n.a.	W18
T 19	12 56 41	15°11'54	22°39	3°40	24°16	18°39	1°33	14°34	3°45	29° 6	18°58	1°48	2°21	9°11	n.a.	T 19
F 20	13 0 38	16° 9'14	4♒28	5°42	24°44	19°22	1°44	14°42	3°48	29° 8	18°58	1°47	2°17	9°18	n.a.	F 20
S 21	13 4 34	17° 6'33	16°18	7°45	25°11	20° 6	1°55	14°49	3°52	29°10	18°59	1°44	2°14	9°25	n.a.	S 21
S 22	13 8 31	18° 3'51	28°14	9°50	25°36	20°49	2° 6	14°56	3°55	29°12	18°59	1°38	2°11	9°31	n.a.	S 22
M23	13 12 27	19° 1'08	10♓18	11°57	26° 0	21°32	2°18	15° 3	3°58	29°14	18°59	1°29	2° 8	9°38	n.a.	M23
T 24	13 16 24	19°58'24	22°35	14° 5	26°22	22°16	2°29	15°11	4° 2	29°17	18°59	1°19	2° 5	9°45	n.a.	T 24
W25	13 20 21	20°55'40	5♈ 5	16°14	26°42	22°59	2°41	15°18	4° 5	29°19	18°59	1° 7	2° 2	9°51	n.a.	W25
T 26	13 24 17	21°52'55	17°50	18°24	27° 1	23°42	2°52	15°26	4° 9	29°21	19° 0	0°55	1°58	9°58	n.a.	T 26
F 27	13 28 14	22°50'09	0♉49	20°35	27°17	24°25	3° 4	15°33	4°12	29°23	19° 0	0°44	1°55	10° 5	n.a.	F 27
S 28	13 32 10	23°47'22	14° 2	22°47	27°31	25° 8	3°15	15°41	4°16	29°25	19° 0	0°35	1°52	10°11	n.a.	S 28
S 29	13 36 7	24°44'35	27°27	24°58	27°44	25°51	3°27	15°48	4°19	29°27	19° 0	0°29	1°49	10°18	n.a.	S 29
M30	13 40 3	25♈41'47	11♊ 1	27♈10	27♉54	26♓34	3♊39	15♉56	4♉23	29♓29	19♑ 0	0♑25	1♑46	10♒25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s50	20n46	3n36	13s 2	2s43	19n38	4n 3	10s39	1s 2	20n13	0n 3	14n30	1s26	12n23	0s17	2s28	2s 0	34s13	11s50	23s49	23s49	16s 1		n.a.
M 2	0 26	23 18	2 42	12 31	2 43	19 55	4 6	10 22	1 2	20 15	0 3	14 32	1 26	12 24	0 17	2 27	2 0	34 13	11 50	23 49	23 49	15 59		n.a.
T 3	0 3	24 32	1 38	11 59	2 42	20 12	4 8	10 5	1 2	20 18	0 3	14 35	1 26	12 25	0 17	2 26	2 0	34 14	11 51	23 49	23 49	15 57		n.a.
W 4	0n20	24 18	0 28	11 24	2 41	20 29	4 10	9 48	1 2	20 20	0 3	14 37	1 25	12 26	0 17	2 25	2 0	34 14	11 51	23 50	23 49	15 54		n.a.
T 5	0 44	22 34	0s46	10 48	2 39	20 45	4 12	9 31	1 1	20 22	0 3	14 39	1 25	12 27	0 17	2 24	2 0	34 14	11 51	23 50	23 49	15 52		n.a.
F 6	1 7	19 23	1 58	10 10	2 36	21 0	4 14	9 14	1 1	20 24	0 3	14 41	1 25	12 28	0 17	2 23	2 0	34 14	11 52	23 50	23 50	15 49		n.a.
S 7	1 30	14 58	3 4	9 31	2 33	21 15	4 16	8 56	1 1	20 27	0 4	14 43	1 25	12 29	0 17	2 22	2 0	34 15	11 52	23 50	23 50	15 47		n.a.
S 8	1 53	9 38	3 58	8 50	2 29	21 29	4 18	8 39	1 1	20 29	0 4	14 45	1 25	12 30	0 17	2 21	2 0	34 15	11 52	23 50	23 50	15 44		n.a.
M 9	2 16	3 45	4 37	8 7	2 25	21 43	4 19	8 22	1 0	20 31	0 4	14 48	1 25	12 31	0 17	2 21	2 0	34 15	11 53	23 50	23 50	15 42		n.a.
T 10	2 40	2s20	4 58	7 23	2 20	21 56	4 20	8 4	1 0	20 34	0 4	14 50	1 24	12 33	0 17	2 20	2 0	34 15	11 53	23 50	23 50	15 40		n.a.
W11	3 3	8 13	4 59	6 37	2 15	22 8	4 21	7 47	1 0	20 36	0 4	14 52	1 24	12 34	0 17	2 19	2 0	34 15	11 53	23 50	23 50	15 37		n.a.
T 12	3 26	13 33	4 41	5 49	2 9	22 20	4 22	7 30	0 59	20 38	0 4	14 54	1 24	12 35	0 17	2 18	2 0	34 16	11 54	23 51	23 50	15 35		n.a.
F 13	3 49	18 2	4 7	5 1	2 3	22 31	4 22	7 12	0 59	20 41	0 4	14 57	1 24	12 36	0 17	2 17	2 0	34 16	11 54	23 51	23 50	15 32		n.a.
S 14	4 12	21 26	3 19	4 10	1 56	22 41	4 23	6 55	0 59	20 43	0 4	14 59	1 24	12 37	0 17	2 16	2 0	34 16	11 54	23 51	23 50	15 30		n.a.
S 15	4 35	23 36	2 23	3 18	1 48	22 51	4 23	6 37	0 58	20 45	0 4	15 1	1 24	12 38	0 17	2 15	2 0	34 17	11 55	23 51	23 50	15 27		n.a.
M16	4 57	24 29	1 21	2 25	1 40	23 0	4 23	6 19	0 58	20 48	0 4	15 3	1 24	12 40	0 17	2 14	2 0	34 17	11 55	23 51	23 50	15 25		n.a.
T 17	5 20	24 8	0 17	1 31	1 32	23 8	4 23	6 2	0 58	20 50	0 5	15 6	1 23	12 41	0 17	2 13	2 0	34 17	11 55	23 51	23 50	15 23		n.a.
W18	5 43	22 38	0n47	0 35	1 23	23 16	4 22	5 44	0 57	20 52	0 5	15 8	1 23	12 42	0 17	2 13	2 0	34 17	11 56	23 51	23 50	15 20		n.a.
T 19	6 5	20 9	1 48	0n22	1 14	23 23	4 21	5 26	0 57	20 55	0 5	15 10	1 23	12 43	0 17	2 12	2 0	34 18	11 56	23 51	23 50	15 18		n.a.
F 20	6 28	16 50	2 44	1 19	1 4	23 29	4 20	5 9	0 57	20 57	0 5	15 13	1 23	12 44	0 17	2 11	2 0	34 18	11 56	23 51	23 50	15 15		n.a.
S 21	6 50	12 51	3 33	2 18	0 54	23 34	4 19	4 51	0 56	21 0	0 5	15 15	1 23	12 45	0 17	2 10	2 0	34 18	11 57	23 51	23 51	15 13		n.a.
S 22	7 12	8 21	4 13	3 17	0 44	23 39	4 17	4 33	0 56	21 2	0 5	15 17	1 23	12 47	0 17	2 9	2 0	34 18	11 57	23 51	23 51	15 10		n.a.
M23	7 35	3 30	4 42	4 17	0 34	23 43	4 15	4 16	0 56	21 4	0 5	15 20	1 23	12 48	0 17	2 8	2 0	34 19	11 58	23 51	23 51	15 8		n.a.
T 24	7 57	1n34	4 58	5 18	0 23	23 46	4 13	3 58	0 55	21 7	0 5	15 22	1 22	12 49	0 17	2 7	2 0	34 19	11 58	23 51	23 51	15 5		n.a.
W25	8 18	6 39	5 1	6 18	0 12	23 48	4 10	3 40	0 55	21 9	0 5	15 24	1 22	12 50	0 17	2 7	2 0	34 19	11 58	23 51	23 51	15 3		n.a.
T 26	8 40	11 33	4 49	7 19	0 2	23 50	4 7	3 22	0 54	21 11	0 6	15 26	1 22	12 51	0 17	2 6	2 0	34 20	11 59	23 51	23 51	15 0		n.a.
F 27	9 2	16 2	4 22	8 19	0n 9	23 51	4 3	3 5	0 54	21 14	0 6	15 29	1 22	12 53	0 17	2 5	2 0	34 20	11 59	23 52	23 51	14 58		n.a.
S 28	9 23	19 50	3 40	9 18	0 19	23 50	4 0	2 47	0 54	21 16	0 6	15 31	1 22	12 54	0 17	2 4	2 0	34 20	11 59	23 52	23 51	14 56		n.a.
S 29	9 45	22 37	2 46	10 17	0 29	23 49	3 56	2 29	0 53	21 19	0 6	15 33	1 22	12 55	0 17	2 3	2 0	34 21	12 0	23 52	23 51	14 53		n.a.
M30	10n 6	24n10	1n41	11n15	0n39	23n47	3n51	2s12	0s53	21n21	0n 6	15n36	1s22	12n56	0s17	2s 3	2s 0	34s21	12s 0	23s52	23s51	14s51		n.a.

Julian Day Number = 1204684.5, Delta T = 09h19m00s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'48, Lahiri = -23°28'48 Julian Calendar 1 Apr. 1415 BCE == Greg. Calendar 19 March 1415 BCE

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

MAY 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 44 0	26♈38'58	24♊46	29♈21	28♉ 3	27♓17	3♊51	16♉ 3	4♉27	29♓31	19♑ 0	0°D23	1♑42	10♒31	n.a.	T 1
W 2	13 47 56	27°36'08	8♋38	1♉32	28° 9	28° 0	4° 2	16°11	4°30	29°33	19° 0	0♑24	1°39	10°38	n.a.	W 2
T 3	13 51 53	28°33'17	22°39	3°42	28°13	28°43	4°14	16°19	4°34	29°35	19°R 0	0°R24	1°36	10°45	n.a.	T 3
F 4	13 55 50	29°30'25	6♌47	5°51	28°R14	29°25	4°26	16°26	4°37	29°37	19° 0	0°24	1°33	10°51	n.a.	F 4
S 5	13 59 46	0♉27'32	21° 2	7°58	28°14	0♈ 8	4°38	16°34	4°41	29°39	19° 0	0°22	1°30	10°58	n.a.	S 5
S 6	14 3 43	1°24'39	5♍20	10° 4	28°10	0°50	4°51	16°42	4°44	29°41	19° 0	0°18	1°27	11° 5	n.a.	S 6
M 7	14 7 39	2°21'44	19°39	12° 9	28° 5	1°33	5° 3	16°49	4°48	29°43	19° 0	0°12	1°23	11°11	n.a.	M 7
T 8	14 11 36	3°18'49	3♎55	14°11	27°57	2°15	5°15	16°57	4°51	29°45	19° 0	0° 4	1°20	11°18	n.a.	T 8
W 9	14 15 32	4°15'54	18° 2	16°12	27°47	2°58	5°27	17° 5	4°55	29°47	19° 0	29♐56	1°17	11°25	n.a.	W 9
T 10	14 19 29	5°12'58	1♏56	18°11	27°34	3°40	5°39	17°13	4°58	29°49	18°59	29°47	1°14	11°31	n.a.	T 10
F 11	14 23 26	6°10'01	15°32	20° 8	27°19	4°22	5°52	17°20	5° 2	29°51	18°59	29°39	1°11	11°38	n.a.	F 11
S 12	14 27 22	7° 7'05	28°47	22° 2	27° 1	5° 5	6° 4	17°28	5° 6	29°53	18°59	29°34	1° 8	11°45	n.a.	S 12
S 13	14 31 19	8° 4'08	11♐43	23°55	26°42	5°47	6°17	17°36	5° 9	29°55	18°59	29°30	1° 4	11°51	n.a.	S 13
M14	14 35 15	9° 1'11	24°18	25°45	26°20	6°29	6°29	17°44	5°13	29°57	18°59	29°D28	1° 1	11°58	n.a.	M14
T 15	14 39 12	9°58'15	6♑36	27°33	25°56	7°11	6°42	17°52	5°16	29°58	18°58	29°29	0°58	12° 5	n.a.	T 15
W16	14 43 8	10°55'18	18°40	29°19	25°30	7°53	6°54	17°59	5°20	0♈ 0	18°58	29°30	0°55	12°11	n.a.	W16
T 17	14 47 5	11°52'21	0♒35	1♊ 3	25° 2	8°35	7° 7	18° 7	5°23	0° 2	18°58	29°31	0°52	12°18	n.a.	T 17
F 18	14 51 1	12°49'25	12°26	2°45	24°32	9°17	7°20	18°15	5°27	0° 4	18°57	29°R31	0°48	12°25	n.a.	F 18
S 19	14 54 58	13°46'28	24°17	4°24	24° 0	9°58	7°32	18°23	5°30	0° 6	18°57	29°31	0°45	12°31	n.a.	S 19
S 20	14 58 55	14°43'32	6♓15	6° 1	23°27	10°40	7°45	18°31	5°34	0° 7	18°56	29°28	0°42	12°38	n.a.	S 20
M21	15 2 51	15°40'36	18°23	7°36	22°53	11°22	7°58	18°39	5°37	0° 9	18°56	29°24	0°39	12°45	n.a.	M21
T 22	15 6 48	16°37'40	0♈46	9° 8	22°18	12° 3	8°11	18°47	5°41	0°11	18°56	29°19	0°36	12°52	n.a.	T 22
W23	15 10 44	17°34'45	13°25	10°38	21°42	12°45	8°23	18°54	5°44	0°12	18°55	29°12	0°33	12°58	n.a.	W23
T 24	15 14 41	18°31'50	26°23	12° 6	21° 5	13°26	8°36	19° 2	5°48	0°14	18°55	29° 5	0°29	13° 5	n.a.	T 24
F 25	15 18 37	19°28'55	9♉39	13°32	20°28	14° 8	8°49	19°10	5°51	0°16	18°54	28°59	0°26	13°12	n.a.	F 25
S 26	15 22 34	20°26'00	23°12	14°55	19°51	14°49	9° 2	19°18	5°55	0°17	18°54	28°53	0°23	13°18	n.a.	S 26
S 27	15 26 31	21°23'06	7♊ 0	16°16	19°13	15°30	9°15	19°26	5°58	0°19	18°53	28°50	0°20	13°25	n.a.	S 27
M28	15 30 27	22°20'12	21° 0	17°35	18°36	16°12	9°28	19°34	6° 2	0°20	18°52	28°48	0°17	13°32	n.a.	M28
T 29	15 34 24	23°17'18	5♋ 8	18°51	18° 0	16°53	9°41	19°42	6° 5	0°22	18°52	28°D48	0°13	13°38	n.a.	T 29
W30	15 38 20	24°14'24	19°21	20° 4	17°24	17°34	9°54	19°50	6° 9	0°23	18°51	28°49	0°10	13°45	n.a.	W30
T 31	15 42 17	25♉11'30	3♌36	21♊15	16♉49	18♈15	10♊ 7	19♉57	6♉12	0♈25	18♑51	28♐51	0♑ 7	13♒52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat	
T 1	10n27	24n15	0n30	12n12	0n49	23n44	3n46	1s54	0s52	21n23	0n 6	15n38	1s21	12n58	0s17	2s 2	2s 0	34s21	12s 0	23s52	23s51	14s48			n.a.	T 1
W 2	10 48	22 51	0s44	13 7	0 58	23 41	3 41	1 36	0 52	21 26	0 6	15 40	1 21	12 59	0 17	2 1	2 0	34 22	12 1	23 52	23 51	14 46			n.a.	W 2
T 3	11 9	20 1	1 56	14 1	1 7	23 36	3 35	1 19	0 52	21 28	0 6	15 43	1 21	13 0	0 17	2 0	2 0	34 22	12 1	23 52	23 51	14 43			n.a.	T 3
F 4	11 30	15 59	3 2	14 53	1 16	23 30	3 28	1 1	0 51	21 30	0 6	15 45	1 21	13 1	0 17	1 59	2 1	34 22	12 1	23 52	23 51	14 41			n.a.	F 4
S 5	11 50	11 1	3 56	15 43	1 23	23 23	3 22	0 43	0 51	21 33	0 6	15 47	1 21	13 2	0 17	1 59	2 1	34 23	12 2	23 52	23 51	14 38			n.a.	S 5
S 6	12 10	5 26	4 37	16 31	1 31	23 16	3 15	0 26	0 50	21 35	0 7	15 50	1 21	13 4	0 17	1 58	2 1	34 23	12 2	23 52	23 51	14 36			n.a.	S 6
M 7	12 30	0s25	5 0	17 17	1 37	23 7	3 7	0 8	0 50	21 37	0 7	15 52	1 21	13 5	0 17	1 57	2 1	34 23	12 2	23 52	23 51	14 33			n.a.	M 7
T 8	12 50	6 13	5 4	18 1	1 43	22 57	2 59	0n10	0 49	21 40	0 7	15 54	1 21	13 6	0 17	1 56	2 1	34 24	12 3	23 52	23 51	14 31			n.a.	T 8
W 9	13 10	11 39	4 50	18 42	1 48	22 46	2 50	0 27	0 49	21 42	0 7	15 57	1 21	13 7	0 17	1 56	2 1	34 24	12 3	23 52	23 51	14 28			n.a.	W 9
T 10	13 29	16 23	4 19	19 21	1 53	22 34	2 41	0 45	0 48	21 44	0 7	15 59	1 20	13 9	0 17	1 55	2 1	34 24	12 3	23 52	23 51	14 26			n.a.	T 10
F 11	13 49	20 10	3 33	19 58	1 57	22 21	2 31	1 2	0 48	21 47	0 7	16 1	1 20	13 10	0 17	1 54	2 1	34 25	12 4	23 52	23 51	14 23			n.a.	F 11
S 12	14 8	22 48	2 37	20 32	2 0	22 7	2 21	1 20	0 48	21 49	0 7	16 4	1 20	13 11	0 17	1 53	2 1	34 25	12 4	23 52	23 51	14 21			n.a.	S 12
S 13	14 27	24 8	1 34	21 3	2 3	21 52	2 11	1 37	0 47	21 51	0 7	16 6	1 20	13 12	0 17	1 53	2 1	34 26	12 4	23 52	23 51	14 18			n.a.	S 13
M14	14 45	24 12	0 28	21 33	2 4	21 36	2 0	1 54	0 47	21 54	0 7	16 8	1 20	13 13	0 17	1 52	2 1	34 26	12 5	23 52	23 51	14 16			n.a.	M14
T 15	15 4	23 3	0n38	22 0	2 6	21 20	1 48	2 12	0 46	21 56	0 7	16 11	1 20	13 15	0 17	1 51	2 1	34 26	12 5	23 52	23 51	14 13			n.a.	T 15
W16	15 22	20 51	1 42	22 25	2 6	21 2	1 36	2 29	0 46	21 58	0 8	16 13	1 20	13 16	0 17	1 51	2 1	34 27	12 5	23 52	23 51	14 11			n.a.	W16
T 17	15 40	17 47	2 40	22 47	2 6	20 43	1 24	2 46	0 45	22 0	0 8	16 15	1 20	13 17	0 17	1 50	2 1	34 27	12 6	23 52	23 52	14 8			n.a.	T 17
F 18	15 58	14 0	3 31	23 7	2 5	20 23	1 11	3 3	0 45	22 3	0 8	16 17	1 20	13 18	0 17	1 49	2 1	34 27	12 6	23 52	23 52	14 6			n.a.	F 18
S 19	16 15	9 41	4 13	23 25	2 4	20 3	0 58	3 21	0 44	22 5	0 8	16 20	1 20	13 19	0 17	1 48	2 1	34 28	12 6	23 52	23 52	14 3			n.a.	S 19
S 20	16 32	4 59	4 44	23 41	2 1	19 41	0 45	3 38	0 44	22 7	0 8	16 22	1 20	13 21	0 17	1 48	2 1	34 28	12 7	23 52	23 52	14 1			n.a.	S 20
M21	16 49	0 2	5 4	23 55	1 59	19 20	0 32	3 55	0 43	22 9	0 8	16 24	1 19	13 22	0 17	1 47	2 1	34 29	12 7	23 52	23 52	13 58			n.a.	M21
T 22	17 6	5n 1	5 9	24 6	1 55	18 57	0 18	4 12	0 43	22 11	0 8	16 27	1 19	13 23	0 17	1 47	2 1	34 29	12 7	23 52	23 52	13 56			n.a.	T 22
W23	17 22	9 58	5 0	24 16	1 51	18 34	0 4	4 29	0 42	22 14	0 8	16 29	1 19	13 24	0 17	1 46	2 1	34 29	12 8	23 52	23 52	13 53			n.a.	W23
T 24	17 39	14 37	4 35	24 24	1 47	18 11	0s10	4 46	0 42	22 16	0 8	16 31	1 19	13 25	0 17	1 45	2 1	34 30	12 8	23 51	23 52	13 51			n.a.	T 24
F 25	17 55	18 40	3 55	24 30	1 41	17 48	0 24	5 2	0 41	22 18	0 8	16 33	1 19	13 27	0 17	1 45	2 1	34 30	12 8	23 51	23 52	13 48			n.a.	F 25
S 26	18 10	21 49	3 1	24 35	1 36	17 24	0 38	5 19	0 40	22 20	0 9	16 36	1 19	13 28	0 17	1 44	2 1	34 30	12 8	23 51	23 52	13 46			n.a.	S 26
S 27	18 26	23 46	1 56	24 37	1 29	17 0	0 52	5 36	0 40	22 22	0 9	16 38	1 19	13 29	0 17	1 44	2 2	34 31	12 9	23 51	23 52	13 43			n.a.	S 27
M28	18 41	24 15	0 42	24 38	1 23	16 37	1 6	5 52	0 39	22 24	0 9	16 40	1 19	13 30	0 17	1 43	2 2	34 31	12 9	23 51	23 52	13 41			n.a.	M28
T 29	18 55	23 11	0s35	24 38	1 15	16 14	1 19	6 9	0 39	22 26	0 9	16 42	1 19	13 31	0 17	1 42	2 2	34 32	12 9	23 51	23 52	13 38			n.a.	T 29
W30	19 10	20 38	1 50	24 36	1 7	15 51	1 33	6 25	0 38	22 28	0 9	16 44	1 19	13 32	0 17	1 42	2 2	34 32	12 10	23 51	23 52	13 35			n.a.	W30
T 31	19n24	16n48	2s59	24n33	0n59	15n28	1s46	6n42	0s38	22n31	0n 9	16n47	1s19	13n34	0s17	1s41	2s 2	34s32	12s10	23s51	23s52	13s33			n.a.	T 31

Julian Day Number = 1204714.5, Delta T = 09h18m58s
Ecliptic obliquity = 23°51'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'44, Lahiri = -23°28'44 Julian Calendar 1 May 1415 BCE == Greg. Calendar 18 Apr. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

JUNE 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 46 13	26♉ 8'36	17♌50	22♊23	16°R16	18♈56	10♊20	20♉ 5	6♉16	0♈26	18°R50	28♐52	0♑ 4	13♒58	n.a.	F 1
S 2	15 50 10	27° 5'42	2♍ 1	23°28	15♉44	19°37	10°33	20°13	6°19	0°28	18♑49	28°R52	0° 1	14° 5	n.a.	S 2
S 3	15 54 6	28° 2'49	16° 8	24°31	15°13	20°18	10°47	20°21	6°22	0°29	18°48	28°51	29♐58	14°12	n.a.	S 3
M 4	15 58 3	28°59'55	0♎ 8	25°31	14°44	20°59	11° 0	20°29	6°26	0°31	18°48	28°48	29°54	14°18	n.a.	M 4
T 5	16 2 0	29°57'02	13°59	26°27	14°17	21°39	11°13	20°37	6°29	0°32	18°47	28°45	29°51	14°25	n.a.	T 5
W 6	16 5 56	0♊54'09	27°40	27°21	13°52	22°20	11°26	20°44	6°32	0°33	18°46	28°41	29°48	14°32	n.a.	W 6
T 7	16 9 53	1°51'17	11♏ 7	28°11	13°29	23° 0	11°39	20°52	6°36	0°35	18°45	28°36	29°45	14°38	n.a.	T 7
F 8	16 13 49	2°48'25	24°20	28°57	13° 8	23°41	11°52	21° 0	6°39	0°36	18°45	28°33	29°42	14°45	n.a.	F 8
S 9	16 17 46	3°45'34	7♐17	29°40	12°49	24°21	12° 6	21° 8	6°42	0°37	18°44	28°30	29°39	14°52	n.a.	S 9
S 10	16 21 42	4°42'43	19°58	0♋20	12°33	25° 2	12°19	21°15	6°46	0°38	18°43	28°29	29°35	14°59	n.a.	S 10
M11	16 25 39	5°39'53	2♑23	0°55	12°19	25°42	12°32	21°23	6°49	0°39	18°42	28°D29	29°32	15° 5	n.a.	M11
T 12	16 29 36	6°37'05	14°36	1°27	12° 8	26°22	12°45	21°31	6°52	0°41	18°41	28°30	29°29	15°12	n.a.	T 12
W13	16 33 32	7°34'17	26°38	1°54	11°58	27° 3	12°59	21°39	6°55	0°42	18°40	28°31	29°26	15°19	n.a.	W13
T 14	16 37 29	8°31'30	8♒32	2°17	11°52	27°43	13°12	21°46	6°58	0°43	18°39	28°33	29°23	15°25	n.a.	T 14
F 15	16 41 25	9°28'44	20°23	2°36	11°47	28°23	13°25	21°54	7° 1	0°44	18°38	28°34	29°19	15°32	n.a.	F 15
S 16	16 45 22	10°25'59	2♓15	2°50	11°D45	29° 3	13°38	22° 2	7° 5	0°45	18°38	28°35	29°16	15°39	n.a.	S 16
S 17	16 49 18	11°23'15	14°13	2°59	11°46	29°43	13°52	22° 9	7° 8	0°46	18°37	28°R35	29°13	15°45	n.a.	S 17
M18	16 53 15	12°20'33	26°21	3°R 3	11°48	0♉23	14° 5	22°17	7°11	0°47	18°36	28°35	29°10	15°52	n.a.	M18
T 19	16 57 11	13°17'52	8♈45	3° 2	11°53	1° 3	14°18	22°24	7°14	0°48	18°35	28°33	29° 7	15°59	n.a.	T 19
W20	17 1 8	14°15'12	21°27	2°56	12° 1	1°42	14°32	22°32	7°17	0°49	18°34	28°32	29° 4	16° 5	n.a.	W20
T 21	17 5 5	15°12'33	4♉30	2°44	12°10	2°22	14°45	22°39	7°20	0°50	18°33	28°30	29° 0	16°12	n.a.	T 21
F 22	17 9 1	16° 9'56	17°56	2°28	12°21	3° 2	14°58	22°47	7°23	0°51	18°32	28°28	28°57	16°19	n.a.	F 22
S 23	17 12 58	17° 7'19	1♊44	2° 7	12°35	3°41	15°11	22°54	7°26	0°51	18°30	28°27	28°54	16°25	n.a.	S 23
S 24	17 16 54	18° 4'45	15°52	1°41	12°50	4°21	15°25	23° 2	7°29	0°52	18°29	28°26	28°51	16°32	n.a.	S 24
M25	17 20 51	19° 2'11	0♋16	1°10	13° 8	5° 0	15°38	23° 9	7°32	0°53	18°28	28°D26	28°48	16°39	n.a.	M25
T 26	17 24 47	19°59'39	14°50	0°35	13°27	5°39	15°51	23°16	7°34	0°54	18°27	28°26	28°45	16°46	n.a.	T 26
W27	17 28 44	20°57'07	29°28	29♊56	13°48	6°19	16° 5	23°24	7°37	0°54	18°26	28°27	28°41	16°52	n.a.	W27
T 28	17 32 41	21°54'37	14♌ 5	29°13	14°10	6°58	16°18	23°31	7°40	0°55	18°25	28°27	28°38	16°59	n.a.	T 28
F 29	17 36 37	22°52'07	28°35	28°28	14°35	7°37	16°31	23°38	7°43	0°56	18°24	28°28	28°35	17° 6	n.a.	F 29
S 30	17 40 34	23♊49'39	12♍55	27♊41	15♉ 1	8♉16	16♊44	23♉45	7♉45	0♈56	18♑23	28♐28	28♐32	17♒12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n38	12n 1	3s56	24n28	0n50	15n 6	1s58	6n58	0s37	22n33	0n 9	16n49	1s19	13n35	0s17	1s41	2s 2	34s33	12s10	23s51	23s52	13s30		n.a.
S 2	19 51	6 36	4 39	24 22	0 40	14 45	2 11	7 14	0 37	22 35	0 9	16 51	1 19	13 36	0 17	1 40	2 2	34 33	12 11	23 51	23 52	13 28		n.a.
S 3	20 4	0 53	5 5	24 15	0 30	14 25	2 23	7 31	0 36	22 37	0 9	16 53	1 19	13 37	0 17	1 40	2 2	34 34	12 11	23 51	23 52	13 25		n.a.
M 4	20 17	4s49	5 13	24 7	0 20	14 5	2 34	7 47	0 36	22 39	0 9	16 55	1 18	13 38	0 17	1 39	2 2	34 34	12 11	23 51	23 52	13 23		n.a.
T 5	20 30	10 14	5 2	23 58	0 9	13 46	2 46	8 3	0 35	22 41	0 10	16 58	1 18	13 39	0 17	1 39	2 2	34 34	12 11	23 51	23 52	13 20		n.a.
W 6	20 42	15 4	4 34	23 48	0s 2	13 29	2 56	8 19	0 34	22 42	0 10	17 0	1 18	13 40	0 17	1 38	2 2	34 35	12 12	23 51	23 52	13 18		n.a.
T 7	20 54	19 5	3 51	23 37	0 14	13 12	3 6	8 35	0 34	22 44	0 10	17 2	1 18	13 41	0 17	1 38	2 2	34 35	12 12	23 51	23 52	13 15		n.a.
F 8	21 5	22 2	2 57	23 25	0 26	12 57	3 16	8 50	0 33	22 46	0 10	17 4	1 18	13 43	0 17	1 37	2 2	34 36	12 12	23 51	23 52	13 13		n.a.
S 9	21 16	23 47	1 54	23 13	0 38	12 42	3 25	9 6	0 33	22 48	0 10	17 6	1 18	13 44	0 17	1 37	2 2	34 36	12 12	23 51	23 52	13 10		n.a.
S 10	21 27	24 15	0 47	23 0	0 51	12 29	3 34	9 22	0 32	22 50	0 10	17 8	1 18	13 45	0 17	1 36	2 2	34 36	12 13	23 51	23 52	13 8		n.a.
M11	21 38	23 29	0n22	22 47	1 4	12 17	3 42	9 37	0 31	22 52	0 10	17 10	1 18	13 46	0 17	1 36	2 2	34 37	12 13	23 51	23 52	13 5		n.a.
T 12	21 48	21 36	1 28	22 34	1 18	12 6	3 50	9 53	0 31	22 54	0 10	17 12	1 18	13 47	0 17	1 36	2 2	34 37	12 13	23 51	23 52	13 2		n.a.
W13	21 57	18 46	2 29	22 20	1 31	11 57	3 57	10 8	0 30	22 56	0 10	17 14	1 18	13 48	0 17	1 35	2 3	34 37	12 14	23 51	23 52	13 0		n.a.
T 14	22 7	15 11	3 23	22 5	1 45	11 49	4 3	10 23	0 30	22 57	0 10	17 16	1 18	13 49	0 17	1 35	2 3	34 38	12 14	23 51	23 52	12 57		n.a.
F 15	22 16	11 1	4 9	21 51	1 59	11 41	4 9	10 38	0 29	22 59	0 11	17 18	1 18	13 50	0 17	1 34	2 3	34 38	12 14	23 51	23 52	12 55		n.a.
S 16	22 24	6 27	4 43	21 37	2 13	11 35	4 15	10 53	0 28	23 1	0 11	17 20	1 18	13 51	0 17	1 34	2 3	34 39	12 14	23 51	23 52	12 52		n.a.
S 17	22 33	1 37	5 6	21 23	2 27	11 31	4 20	11 8	0 28	23 3	0 11	17 23	1 18	13 52	0 17	1 34	2 3	34 39	12 14	23 51	23 52	12 50		n.a.
M18	22 40	3n20	5 16	21 9	2 41	11 27	4 25	11 23	0 27	23 4	0 11	17 25	1 18	13 53	0 17	1 33	2 3	34 39	12 15	23 51	23 52	12 47		n.a.
T 19	22 48	8 16	5 11	20 55	2 54	11 25	4 29	11 38	0 26	23 6	0 11	17 26	1 18	13 54	0 17	1 33	2 3	34 40	12 15	23 51	23 51	12 44		n.a.
W20	22 55	12 59	4 51	20 42	3 7	11 23	4 33	11 52	0 26	23 8	0 11	17 28	1 18	13 55	0 17	1 33	2 3	34 40	12 15	23 51	23 51	12 42		n.a.
T 21	23 1	17 15	4 16	20 30	3 20	11 23	4 36	12 7	0 25	23 9	0 11	17 30	1 18	13 56	0 17	1 32	2 3	34 41	12 15	23 51	23 51	12 39		n.a.
F 22	23 8	20 46	3 26	20 18	3 33	11 23	4 39	12 21	0 24	23 11	0 11	17 32	1 18	13 57	0 17	1 32	2 3	34 41	12 16	23 51	23 51	12 37		n.a.
S 23	23 13	23 12	2 23	20 6	3 44	11 25	4 42	12 36	0 24	23 13	0 11	17 34	1 18	13 58	0 17	1 32	2 3	34 41	12 16	23 51	23 51	12 34		n.a.
S 24	23 19	24 14	1 9	19 56	3 55	11 28	4 44	12 50	0 23	23 14	0 11	17 36	1 18	13 59	0 17	1 32	2 3	34 42	12 16	23 51	23 51	12 32		n.a.
M25	23 24	23 42	0s10	19 46	4 5	11 31	4 46	13 4	0 23	23 16	0 12	17 38	1 18	14 0	0 17	1 31	2 3	34 42	12 16	23 51	23 51	12 29		n.a.
T 26	23 29	21 32	1 30	19 38	4 14	11 35	4 47	13 18	0 22	23 17	0 12	17 40	1 18	14 1	0 17	1 31	2 3	34 42	12 16	23 51	23 51	12 26		n.a.
W27	23 33	17 57	2 44	19 30	4 21	11 40	4 49	13 32	0 21	23 19	0 12	17 42	1 18	14 2	0 17	1 31	2 3	34 43	12 17	23 51	23 51	12 24		n.a.
T 28	23 37	13 16	3 47	19 24	4 27	11 46	4 49	13 45	0 21	23 20	0 12	17 44	1 18	14 3	0 17	1 31	2 4	34 43	12 17	23 51	23 51	12 21		n.a.
F 29	23 40	7 52	4 35	19 19	4 32	11 53	4 50	13 59	0 20	23 22	0 12	17 46	1 18	14 4	0 17	1 31	2 4	34 43	12 17	23 51	23 51	12 19		n.a.
S 30	23n43	2n 8	5s 6	19n16	4s35	12n 0	4s50	14n12	0s19	23n23	0n12	17n47	1s18	14n 5	0s17	1s30	2s 4	34s44	12s17	23s51	23s51	12s16		n.a.

Julian Day Number = 1204745.5, Delta T = 09h18m56s
Ecliptic obliquity = 23°51'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'40, Lahiri = -23°28'40 Julian Calendar 1 June 1415 BCE == Greg. Calendar 19 May 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

JULY 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 44 30	24♊47'11	27♍ 0	26°R53	15♉28	8♉55	16♊58	23♉53	7♉48	0♈57	18°R22	28°R28	28♐29	17♒19	n.a.	S 1
M 2	17 48 27	25°44'44	10♎50	26♊ 4	15°58	9°34	17°11	24° 0	7°51	0°57	18♉20	28♐28	28°25	17°26	n.a.	M 2
T 3	17 52 23	26°42'19	24°24	25°17	16°28	10°13	17°24	24° 7	7°53	0°58	18°19	28°28	28°22	17°32	n.a.	T 3
W 4	17 56 20	27°39'55	7♏43	24°30	17° 0	10°52	17°37	24°14	7°56	0°58	18°18	28°28	28°19	17°39	n.a.	W 4
T 5	18 0 16	28°37'32	20°47	23°46	17°33	11°30	17°50	24°21	7°59	0°59	18°17	28°D28	28°16	17°46	n.a.	T 5
F 6	18 4 13	29°35'10	3♐37	23° 6	18° 8	12° 9	18° 4	24°28	8° 1	0°59	18°16	28°28	28°13	17°52	n.a.	F 6
S 7	18 8 10	0♋32'50	16°13	22°29	18°44	12°48	18°17	24°35	8° 4	1° 0	18°14	28°28	28°10	17°59	n.a.	S 7
S 8	18 12 6	1°30'31	28°38	21°58	19°21	13°26	18°30	24°41	8° 6	1° 0	18°13	28°R28	28° 6	18° 6	n.a.	S 8
M 9	18 16 3	2°28'14	10♑51	21°32	19°59	14° 5	18°43	24°48	8° 8	1° 0	18°12	28°28	28° 3	18°13	n.a.	M 9
T 10	18 19 59	3°25'58	22°56	21°13	20°39	14°43	18°56	24°55	8°11	1° 1	18°11	28°28	28° 0	18°19	n.a.	T 10
W11	18 23 56	4°23'44	4♒53	21° 1	21°19	15°21	19° 9	25° 2	8°13	1° 1	18°10	28°27	27°57	18°26	n.a.	W11
T 12	18 27 52	5°21'32	16°45	20°D55	22° 1	15°59	19°22	25° 8	8°15	1° 1	18° 8	28°26	27°54	18°33	n.a.	T 12
F 13	18 31 49	6°19'22	28°36	20°58	22°44	16°38	19°35	25°15	8°18	1° 1	18° 7	28°25	27°51	18°39	n.a.	F 13
S 14	18 35 45	7°17'13	10♓27	21° 8	23°27	17°16	19°48	25°22	8°20	1° 1	18° 6	28°24	27°47	18°46	n.a.	S 14
S 15	18 39 42	8°15'06	22°24	21°25	24°12	17°54	20° 1	25°28	8°22	1° 1	18° 5	28°23	27°44	18°53	n.a.	S 15
M16	18 43 39	9°13'01	4♈31	21°51	24°57	18°32	20°14	25°35	8°24	1° 2	18° 3	28°D23	27°41	18°59	n.a.	M16
T 17	18 47 35	10°10'59	16°52	22°24	25°44	19° 9	20°27	25°41	8°26	1° 2	18° 2	28°23	27°38	19° 6	n.a.	T 17
W18	18 51 32	11° 8'58	29°31	23° 5	26°31	19°47	20°40	25°47	8°28	1°R 2	18° 1	28°24	27°35	19°13	n.a.	W18
T 19	18 55 28	12° 6'59	12♉32	23°54	27°19	20°25	20°52	25°54	8°30	1° 2	17°59	28°24	27°31	19°19	n.a.	T 19
F 20	18 59 25	13° 5'03	25°58	24°50	28° 8	21° 2	21° 5	26° 0	8°32	1° 2	17°58	28°26	27°28	19°26	n.a.	F 20
S 21	19 3 21	14° 3'08	9♊49	25°53	28°57	21°40	21°18	26° 6	8°34	1° 1	17°57	28°27	27°25	19°33	n.a.	S 21
S 22	19 7 18	15° 1'16	24° 7	27° 2	29°48	22°18	21°31	26°12	8°36	1° 1	17°56	28°R27	27°22	19°40	n.a.	S 22
M23	19 11 14	15°59'25	8♋45	28°18	0♊38	22°55	21°43	26°18	8°38	1° 1	17°54	28°27	27°19	19°46	n.a.	M23
T 24	19 15 11	16°57'37	23°40	29°39	1°30	23°32	21°56	26°24	8°40	1° 1	17°53	28°26	27°16	19°53	n.a.	T 24
W25	19 19 8	17°55'50	8♌42	1♋ 6	2°22	24° 9	22° 9	26°30	8°42	1° 1	17°52	28°24	27°12	20° 0	n.a.	W25
T 26	19 23 4	18°54'05	23°43	2°37	3°15	24°47	22°21	26°36	8°43	1° 1	17°50	28°22	27° 9	20° 6	n.a.	T 26
F 27	19 27 1	19°52'22	8♍35	4°13	4° 9	25°24	22°34	26°42	8°45	1° 0	17°49	28°19	27° 6	20°13	n.a.	F 27
S 28	19 30 57	20°50'40	23°10	5°53	5° 3	26° 1	22°46	26°47	8°47	1° 0	17°48	28°16	27° 3	20°20	n.a.	S 28
S 29	19 34 54	21°49'00	7♎23	7°36	5°58	26°37	22°58	26°53	8°48	1° 0	17°47	28°15	27° 0	20°26	n.a.	S 29
M30	19 38 50	22°47'22	21°14	9°21	6°53	27°14	23°11	26°59	8°50	0°59	17°45	28°D14	26°57	20°33	n.a.	M30
T 31	19 42 47	23♋45'46	4♏42	11♋ 9	7♊49	27♉51	23♊23	27♉ 4	8♉51	0♈59	17♉44	28♐14	26♐53	20♒40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n45	3s37	5s17	19n14	4s36	12n 8	4s50	14n26	0s18	23n25	0n12	17n49	1s18	14n 6	0s17	1s30	2s 4	34s44	12s17	23s51	23s51	12s14			n.a.
M 2	23 47	9 6	5 10	19 13	4 35	12 17	4 50	14 39	0 18	23 26	0 12	17 51	1 18	14 6	0 17	1 30	2 4	34 44	12 17	23 51	23 51	12 11			n.a.
T 3	23 49	14 2	4 45	19 14	4 33	12 26	4 50	14 52	0 17	23 28	0 12	17 53	1 18	14 7	0 17	1 30	2 4	34 45	12 18	23 51	23 51	12 8			n.a.
W 4	23 50	18 12	4 6	19 17	4 28	12 36	4 49	15 5	0 16	23 29	0 13	17 55	1 18	14 8	0 17	1 30	2 4	34 45	12 18	23 51	23 51	12 6			n.a.
T 5	23 51	21 23	3 14	19 21	4 22	12 46	4 48	15 18	0 16	23 30	0 13	17 56	1 18	14 9	0 17	1 30	2 4	34 45	12 18	23 51	23 51	12 3			n.a.
F 6	23 52	23 26	2 14	19 27	4 14	12 57	4 47	15 31	0 15	23 32	0 13	17 58	1 18	14 10	0 17	1 30	2 4	34 46	12 18	23 51	23 51	12 1			n.a.
S 7	23 52	24 15	1 7	19 34	4 5	13 8	4 45	15 43	0 14	23 33	0 13	18 0	1 18	14 11	0 17	1 29	2 4	34 46	12 18	23 51	23 51	11 58			n.a.
S 8	23 51	23 50	0n 1	19 44	3 54	13 19	4 44	15 56	0 14	23 34	0 13	18 1	1 18	14 11	0 17	1 29	2 4	34 46	12 18	23 51	23 51	11 55			n.a.
M 9	23 50	22 17	1 8	19 54	3 41	13 31	4 42	16 8	0 13	23 35	0 13	18 3	1 18	14 12	0 17	1 29	2 4	34 47	12 19	23 51	23 51	11 53			n.a.
T 10	23 49	19 43	2 12	20 6	3 28	13 44	4 40	16 21	0 12	23 37	0 13	18 5	1 18	14 13	0 17	1 29	2 4	34 47	12 19	23 51	23 51	11 50			n.a.
W11	23 47	16 20	3 9	20 20	3 13	13 56	4 38	16 33	0 11	23 38	0 13	18 6	1 18	14 14	0 17	1 29	2 4	34 47	12 19	23 51	23 51	11 48			n.a.
T 12	23 45	12 20	3 57	20 35	2 58	14 9	4 36	16 45	0 11	23 39	0 13	18 8	1 18	14 14	0 17	1 29	2 5	34 48	12 19	23 51	23 51	11 45			n.a.
F 13	23 42	7 53	4 35	20 51	2 42	14 23	4 33	16 57	0 10	23 40	0 14	18 10	1 18	14 15	0 17	1 29	2 5	34 48	12 19	23 51	23 51	11 42			n.a.
S 14	23 39	3 8	5 1	21 8	2 26	14 36	4 31	17 8	0 9	23 41	0 14	18 11	1 18	14 16	0 17	1 29	2 5	34 48	12 19	23 51	23 51	11 40			n.a.
S 15	23 36	1n45	5 15	21 26	2 9	14 50	4 28	17 20	0 8	23 42	0 14	18 13	1 18	14 17	0 17	1 29	2 5	34 49	12 19	23 51	23 50	11 37			n.a.
M16	23 32	6 38	5 15	21 44	1 53	15 4	4 25	17 31	0 8	23 44	0 14	18 14	1 18	14 17	0 17	1 29	2 5	34 49	12 19	23 51	23 50	11 35			n.a.
T 17	23 28	11 21	5 0	22 3	1 36	15 18	4 22	17 43	0 7	23 45	0 14	18 16	1 18	14 18	0 17	1 29	2 5	34 49	12 19	23 51	23 50	11 32			n.a.
W18	23 23	15 43	4 31	22 22	1 19	15 32	4 19	17 54	0 6	23 46	0 14	18 17	1 18	14 19	0 17	1 29	2 5	34 49	12 19	23 51	23 50	11 29			n.a.
T 19	23 18	19 28	3 48	22 40	1 3	15 46	4 15	18 5	0 5	23 47	0 14	18 19	1 18	14 19	0 17	1 29	2 5	34 50	12 20	23 51	23 50	11 27			n.a.
F 20	23 12	22 20	2 50	22 59	0 47	16 0	4 12	18 16	0 5	23 48	0 14	18 20	1 18	14 20	0 17	1 30	2 5	34 50	12 20	23 51	23 50	11 24			n.a.
S 21	23 6	23 59	1 41	23 17	0 31	16 14	4 8	18 26	0 4	23 49	0 15	18 22	1 18	14 21	0 17	1 30	2 5	34 50	12 20	23 51	23 50	11 22			n.a.
S 22	23 0	24 8	0 24	23 33	0 16	16 29	4 5	18 37	0 3	23 50	0 15	18 23	1 18	14 21	0 17	1 30	2 5	34 50	12 20	23 51	23 50	11 19			n.a.
M23	22 53	22 37	0s57	23 49	0 2	16 43	4 1	18 47	0 2	23 51	0 15	18 25	1 18	14 22	0 17	1 30	2 5	34 51	12 20	23 51	23 50	11 16			n.a.
T 24	22 46	19 32	2 15	24 3	0n12	16 57	3 57	18 58	0 1	23 51	0 15	18 26	1 18	14 22	0 17	1 30	2 5	34 51	12 20	23 51	23 50	11 14			n.a.
W25	22 38	15 7	3 24	24 16	0 24	17 11	3 53	19 8	0 1	23 52	0 15	18 27	1 18	14 23	0 17	1 30	2 5	34 51	12 20	23 51	23 50	11 11			n.a.
T 26	22 30	9 46	4 19	24 26	0 36	17 26	3 49	19 18	0n 0	23 53	0 15	18 29	1 18	14 24	0 17	1 30	2 6	34 51	12 20	23 51	23 50	11 8			n.a.
F 27	22 22	3 55	4 56	24 35	0 47	17 40	3 45	19 28	0 1	23 54	0 15	18 30	1 18	14 24	0 17	1 30	2 6	34 52	12 20	23 51	23 50	11 6			n.a.
S 28	22 13	2s 1	5 13	24 41	0 57	17 53	3 41	19 37	0 2	23 55	0 15	18 31	1 18	14 25	0 17	1 31	2 6	34 52	12 20	23 51	23 50	11 3			n.a.
S 29	22 3	7 43	5 11	24 45	1 6	18 7	3 37	19 47	0 3	23 56	0 16	18 33	1 18	14 25	0 17	1 31	2 6	34 52	12 20	23 51	23 50	11 1			n.a.
M30	21 54	12 53	4 50	24 46	1 15	18 21	3 33	19 56	0 3	23 57	0 16	18 34	1 18	14 26	0 17	1 31	2 6	34 52	12 20	23 51	23 50	10 58			n.a.
T 31	21n44	17s17	4s13	24n45	1n22	18n34	3s28	20n 6	0n 4	23n57	0n16	18n35	1s18	14n26	0s17	1s31	2s 6	34s52	12s20	23s51	23s49	10s55			n.a.

Julian Day Number = 1204775.5, Delta T = 09h18m55s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'36, Lahiri = -23°28'36 Julian Calendar 1 July 1415 BCE == Greg. Calendar 18 June 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

AUGUST 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 46 43	24♋44'11	17♏48	12♋59	8♊45	28♉28	23♊35	27♉10	8♉53	0°R58	17°R43	28♐16	26♐50	20♒47	n.a.	W 1
T 2	19 50 40	25°42'38	0♐36	14°50	9°42	29° 4	23°48	27°15	8°54	0♈58	17♑42	28°17	26°47	20°53	n.a.	T 2
F 3	19 54 36	26°41'07	13° 9	16°43	10°39	29°41	24° 0	27°20	8°55	0°57	17°40	28°19	26°44	21° 0	n.a.	F 3
S 4	19 58 33	27°39'37	25°28	18°36	11°37	0♊17	24°12	27°25	8°57	0°57	17°39	28°R20	26°41	21° 7	n.a.	S 4
S 5	20 2 30	28°38'10	7♑38	20°30	12°35	0°53	24°24	27°30	8°58	0°56	17°38	28°19	26°37	21°13	n.a.	S 5
M 6	20 6 26	29°36'45	19°40	22°23	13°34	1°29	24°36	27°36	8°59	0°56	17°36	28°17	26°34	21°20	n.a.	M 6
T 7	20 10 23	0♌35'21	1♒37	24°17	14°33	2° 6	24°48	27°40	9° 0	0°55	17°35	28°14	26°31	21°27	n.a.	T 7
W 8	20 14 19	1°34'00	13°30	26°11	15°33	2°42	25° 0	27°45	9° 1	0°54	17°34	28° 9	26°28	21°33	n.a.	W 8
T 9	20 18 16	2°32'41	25°21	28° 4	16°33	3°18	25°12	27°50	9° 2	0°54	17°33	28° 3	26°25	21°40	n.a.	T 9
F 10	20 22 12	3°31'24	7♓12	29°56	17°33	3°53	25°23	27°55	9° 3	0°53	17°31	27°56	26°22	21°47	n.a.	F 10
S 11	20 26 9	4°30'09	19° 5	1♌48	18°34	4°29	25°35	28° 0	9° 4	0°52	17°30	27°50	26°18	21°54	n.a.	S 11
S 12	20 30 5	5°28'57	1♈ 3	3°40	19°35	5° 5	25°47	28° 4	9° 5	0°51	17°29	27°44	26°15	22° 0	n.a.	S 12
M13	20 34 2	6°27'47	13°10	5°30	20°36	5°40	25°58	28° 9	9° 6	0°51	17°28	27°40	26°12	22° 7	n.a.	M13
T 14	20 37 59	7°26'39	25°28	7°20	21°38	6°16	26°10	28°13	9° 7	0°50	17°27	27°38	26° 9	22°14	n.a.	T 14
W15	20 41 55	8°25'34	8♉ 2	9° 9	22°40	6°51	26°21	28°17	9° 7	0°49	17°25	27°D37	26° 6	22°20	n.a.	W15
T 16	20 45 52	9°24'32	20°57	10°57	23°43	7°26	26°32	28°21	9° 8	0°48	17°24	27°37	26° 3	22°27	n.a.	T 16
F 17	20 49 48	10°23'31	4♊15	12°44	24°46	8° 2	26°44	28°26	9° 9	0°47	17°23	27°39	25°59	22°34	n.a.	F 17
S 18	20 53 45	11°22'34	18° 0	14°30	25°49	8°37	26°55	28°30	9° 9	0°46	17°22	27°40	25°56	22°40	n.a.	S 18
S 19	20 57 41	12°21'39	2♋13	16°15	26°53	9°12	27° 6	28°34	9°10	0°45	17°21	27°R40	25°53	22°47	n.a.	S 19
M20	21 1 38	13°20'46	16°52	18° 0	27°57	9°46	27°17	28°37	9°10	0°44	17°20	27°39	25°50	22°54	n.a.	M20
T 21	21 5 34	14°19'55	1♌53	19°43	29° 1	10°21	27°28	28°41	9°11	0°43	17°19	27°35	25°47	23° 1	n.a.	T 21
W22	21 9 31	15°19'07	17° 7	21°26	0♋ 5	10°56	27°39	28°45	9°11	0°42	17°17	27°29	25°43	23° 7	n.a.	W22
T 23	21 13 27	16°18'21	2♍25	23° 8	1°10	11°30	27°50	28°48	9°11	0°41	17°16	27°22	25°40	23°14	n.a.	T 23
F 24	21 17 24	17°17'37	17°34	24°48	2°15	12° 5	28° 0	28°52	9°12	0°40	17°15	27°15	25°37	23°21	n.a.	F 24
S 25	21 21 21	18°16'55	2♎26	26°28	3°20	12°39	28°11	28°55	9°12	0°39	17°14	27° 7	25°34	23°27	n.a.	S 25
S 26	21 25 17	19°16'15	16°54	28° 8	4°26	13°13	28°21	28°58	9°12	0°38	17°13	27° 2	25°31	23°34	n.a.	S 26
M27	21 29 14	20°15'37	0♏53	29°46	5°31	13°47	28°32	29° 2	9°12	0°36	17°12	26°58	25°28	23°41	n.a.	M27
T 28	21 33 10	21°15'01	14°23	1♍23	6°37	14°21	28°42	29° 5	9°R12	0°35	17°11	26°56	25°24	23°47	n.a.	T 28
W29	21 37 7	22°14'26	27°28	3° 0	7°43	14°55	28°52	29° 8	9°12	0°34	17°10	26°D56	25°21	23°54	n.a.	W29
T 30	21 41 3	23°13'54	10♐ 9	4°36	8°50	15°29	29° 3	29°10	9°12	0°33	17° 9	26°57	25°18	24° 1	n.a.	T 30
F 31	21 45 0	24♌13'24	22♐33	6♍11	9♋57	16♊ 2	29♊13	29♉13	9♉12	0♈31	17♑ 8	26°R57	25♐15	24♒ 8	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n33	20s42	3s24	24n41	1n28	18n48	3s24	20n15	0n 5	23n58	0n16	18n36	1s18	14n27	0s17	1s32	2s 6	34s53	12s20	23s51	23s49	10s53			n.a.
T 2	21 22	23 1	2 26	24 34	1 34	19 1	3 19	20 24	0 6	23 59	0 16	18 38	1 18	14 27	0 17	1 32	2 6	34 53	12 20	23 51	23 49	10 50			n.a.
F 3	21 11	24 8	1 22	24 25	1 38	19 13	3 15	20 33	0 7	23 59	0 16	18 39	1 18	14 27	0 17	1 32	2 6	34 53	12 20	23 51	23 49	10 47			n.a.
S 4	21 0	24 3	0 16	24 14	1 42	19 26	3 10	20 41	0 7	24 0	0 16	18 40	1 18	14 28	0 17	1 32	2 6	34 53	12 20	23 51	23 49	10 45			n.a.
S 5	20 48	22 47	0n51	24 0	1 45	19 38	3 6	20 50	0 8	24 1	0 16	18 41	1 18	14 28	0 17	1 33	2 6	34 53	12 20	23 51	23 49	10 42			n.a.
M 6	20 35	20 30	1 54	23 43	1 47	19 50	3 1	20 58	0 9	24 1	0 17	18 42	1 18	14 29	0 17	1 33	2 6	34 53	12 20	23 51	23 49	10 40			n.a.
T 7	20 23	17 22	2 52	23 25	1 49	20 2	2 56	21 7	0 10	24 2	0 17	18 43	1 18	14 29	0 17	1 33	2 6	34 54	12 20	23 51	23 49	10 37			n.a.
W 8	20 10	13 32	3 42	23 4	1 49	20 13	2 52	21 15	0 11	24 3	0 17	18 44	1 18	14 29	0 17	1 34	2 6	34 54	12 20	23 51	23 49	10 34			n.a.
T 9	19 56	9 12	4 22	22 42	1 49	20 24	2 47	21 23	0 12	24 3	0 17	18 45	1 18	14 30	0 17	1 34	2 6	34 54	12 20	23 51	23 49	10 32			n.a.
F 10	19 42	4 32	4 50	22 17	1 49	20 35	2 42	21 30	0 13	24 4	0 17	18 46	1 18	14 30	0 17	1 34	2 7	34 54	12 20	23 51	23 49	10 29			n.a.
S 11	19 28	0n18	5 7	21 51	1 48	20 45	2 37	21 38	0 14	24 4	0 17	18 47	1 18	14 30	0 17	1 35	2 7	34 54	12 20	23 51	23 49	10 26			n.a.
S 12	19 14	5 9	5 10	21 24	1 46	20 55	2 32	21 46	0 14	24 5	0 17	18 48	1 18	14 31	0 17	1 35	2 7	34 54	12 20	23 50	23 48	10 24			n.a.
M13	18 59	9 52	4 59	20 54	1 44	21 4	2 27	21 53	0 15	24 5	0 17	18 49	1 18	14 31	0 17	1 35	2 7	34 54	12 20	23 50	23 48	10 21			n.a.
T 14	18 44	14 16	4 35	20 24	1 41	21 13	2 23	22 0	0 16	24 6	0 18	18 50	1 18	14 31	0 17	1 36	2 7	34 55	12 20	23 50	23 48	10 19			n.a.
W15	18 29	18 9	3 57	19 52	1 38	21 22	2 18	22 7	0 17	24 6	0 18	18 51	1 18	14 31	0 17	1 36	2 7	34 55	12 20	23 50	23 48	10 16			n.a.
T 16	18 13	21 17	3 6	19 19	1 35	21 30	2 13	22 14	0 18	24 7	0 18	18 52	1 19	14 31	0 17	1 37	2 7	34 55	12 20	23 50	23 48	10 13			n.a.
F 17	17 57	23 23	2 3	18 44	1 31	21 38	2 8	22 21	0 19	24 7	0 18	18 53	1 19	14 32	0 17	1 37	2 7	34 55	12 19	23 50	23 48	10 11			n.a.
S 18	17 40	24 10	0 52	18 9	1 27	21 45	2 3	22 27	0 20	24 8	0 18	18 54	1 19	14 32	0 17	1 37	2 7	34 55	12 19	23 50	23 48	10 8			n.a.
S 19	17 23	23 26	0s25	17 33	1 22	21 51	1 58	22 34	0 21	24 8	0 18	18 55	1 19	14 32	0 17	1 38	2 7	34 55	12 19	23 50	23 48	10 5			n.a.
M20	17 6	21 5	1 42	16 56	1 18	21 58	1 53	22 40	0 22	24 8	0 18	18 55	1 19	14 32	0 17	1 38	2 7	34 55	12 19	23 50	23 48	10 3			n.a.
T 21	16 49	17 16	2 54	16 19	1 13	22 3	1 48	22 46	0 23	24 9	0 19	18 56	1 19	14 32	0 17	1 39	2 7	34 55	12 19	23 50	23 48	10 0			n.a.
W22	16 32	12 15	3 55	15 40	1 7	22 8	1 43	22 52	0 24	24 9	0 19	18 57	1 19	14 32	0 17	1 39	2 7	34 55	12 19	23 50	23 47	9 57			n.a.
T 23	16 14	6 28	4 39	15 1	1 2	22 13	1 38	22 58	0 25	24 9	0 19	18 58	1 19	14 33	0 17	1 40	2 7	34 55	12 19	23 50	23 47	9 55			n.a.
F 24	15 55	0 22	5 3	14 22	0 56	22 17	1 33	23 4	0 26	24 10	0 19	18 58	1 19	14 33	0 17	1 40	2 7	34 55	12 19	23 50	23 47	9 52			n.a.
S 25	15 37	5s39	5 6	13 42	0 50	22 21	1 29	23 9	0 27	24 10	0 19	18 59	1 19	14 33	0 17	1 41	2 7	34 55	12 19	23 50	23 47	9 49			n.a.
S 26	15 18	11 11	4 49	13 2	0 44	22 24	1 24	23 15	0 28	24 10	0 19	19 0	1 19	14 33	0 17	1 41	2 7	34 55	12 19	23 50	23 47	9 47			n.a.
M27	14 59	15 57	4 15	12 21	0 38	22 26	1 19	23 20	0 29	24 11	0 20	19 0	1 19	14 33	0 17	1 42	2 7	34 55	12 18	23 50	23 47	9 44			n.a.
T 28	14 40	19 44	3 28	11 40	0 32	22 28	1 14	23 25	0 30	24 11	0 20	19 1	1 19	14 33	0 17	1 42	2 8	34 55	12 18	23 49	23 47	9 41			n.a.
W29	14 20	22 24	2 32	10 58	0 25	22 29	1 9	23 30	0 31	24 11	0 20	19 2	1 19	14 33	0 17	1 43	2 8	34 55	12 18	23 49	23 47	9 39			n.a.
T 30	14 1	23 50	1 29	10 17	0 19	22 29	1 4	23 35	0 32	24 11	0 20	19 2	1 19	14 33	0 17	1 43	2 8	34 55	12 18	23 50	23 47	9 36			n.a.
F 31	13n41	24s 2	0s24	9n35	0n12	22n29	1s 0	23n39	0n33	24n12	0n20	19n 3	1s19	14n33	0s17	1s44	2s 8	34s55	12s18	23s50	23s46	9s34			n.a.

Julian Day Number = 1204806.5, Delta T = 09h18m53s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'32, Lahiri = -23°28'31 Julian Calendar 1 Aug. 1415 BCE == Greg. Calendar 19 July 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

SEPTEMBER 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 48 56	25♌12'55	4♉43	7♍46	11♋ 3	16♊36	29♊23	29♉16	9°R12	0°R30	17°R 7	26°R57	25♐12	24♒14	n.a.	S 1
S 2	21 52 53	26°12'29	16°43	9°20	12°11	17° 9	29°32	29°18	9♉12	0♈29	17♉ 6	26♐55	25° 9	24°21	n.a.	S 2
M 3	21 56 49	27°12'04	28°37	10°53	13°18	17°42	29°42	29°21	9°11	0°27	17° 5	26°50	25° 5	24°28	n.a.	M 3
T 4	22 0 46	28°11'42	10♒29	12°25	14°26	18°16	29°52	29°23	9°11	0°26	17° 4	26°43	25° 2	24°34	n.a.	T 4
W 5	22 4 43	29°11'22	22°20	13°57	15°33	18°49	0♋ 1	29°25	9°11	0°25	17° 3	26°33	24°59	24°41	n.a.	W 5
T 6	22 8 39	0♍11'03	4♓12	15°28	16°41	19°21	0°11	29°28	9°10	0°23	17° 2	26°22	24°56	24°48	n.a.	T 6
F 7	22 12 36	1°10'47	16° 6	16°58	17°49	19°54	0°20	29°30	9°10	0°22	17° 2	26° 9	24°53	24°54	n.a.	F 7
S 8	22 16 32	2°10'33	28° 5	18°27	18°58	20°27	0°29	29°32	9° 9	0°20	17° 1	25°57	24°49	25° 1	n.a.	S 8
S 9	22 20 29	3°10'21	10♈ 9	19°56	20° 6	20°59	0°38	29°33	9° 9	0°19	17° 0	25°45	24°46	25° 8	n.a.	S 9
M10	22 24 25	4°10'12	22°20	21°25	21°15	21°31	0°47	29°35	9° 8	0°18	16°59	25°36	24°43	25°15	n.a.	M10
T 11	22 28 22	5°10'05	4♉41	22°52	22°24	22° 3	0°56	29°37	9° 7	0°16	16°58	25°29	24°40	25°21	n.a.	T 11
W12	22 32 18	6°10'00	17°15	24°19	23°33	22°35	1° 5	29°38	9° 6	0°15	16°58	25°25	24°37	25°28	n.a.	W12
T 13	22 36 15	7° 9'58	0♊ 6	25°45	24°43	23° 7	1°14	29°39	9° 6	0°13	16°57	25°24	24°34	25°35	n.a.	T 13
F 14	22 40 11	8° 9'58	13°17	27°10	25°52	23°39	1°22	29°41	9° 5	0°11	16°56	25°D24	24°30	25°41	n.a.	F 14
S 15	22 44 8	9°10'00	26°51	28°35	27° 2	24°11	1°31	29°42	9° 4	0°10	16°55	25°R24	24°27	25°48	n.a.	S 15
S 16	22 48 5	10°10'05	10♋52	29°58	28°11	24°42	1°39	29°43	9° 3	0° 8	16°55	25°23	24°24	25°55	n.a.	S 16
M17	22 52 1	11°10'12	25°18	1♎21	29°21	25°13	1°47	29°44	9° 2	0° 7	16°54	25°20	24°21	26° 2	n.a.	M17
T 18	22 55 58	12°10'21	10♌ 9	2°43	0♌32	25°44	1°55	29°45	9° 1	0° 5	16°53	25°15	24°18	26° 8	n.a.	T 18
W19	22 59 54	13°10'33	25°17	4° 4	1°42	26°15	2° 3	29°45	9° 0	0° 4	16°53	25° 6	24°14	26°15	n.a.	W19
T 20	23 3 51	14°10'46	10♍33	5°23	2°52	26°46	2°11	29°46	8°59	0° 2	16°52	24°56	24°11	26°22	n.a.	T 20
F 21	23 7 47	15°11'02	25°47	6°42	4° 3	27°17	2°18	29°46	8°58	0° 0	16°52	24°44	24° 8	26°28	n.a.	F 21
S 22	23 11 44	16°11'19	10♎47	7°59	5°14	27°47	2°26	29°47	8°56	29♓59	16°51	24°33	24° 5	26°35	n.a.	S 22
S 23	23 15 40	17°11'38	25°24	9°15	6°24	28°17	2°33	29°47	8°55	29°57	16°51	24°24	24° 2	26°42	n.a.	S 23
M24	23 19 37	18°11'59	9♏33	10°30	7°35	28°47	2°40	29°47	8°54	29°55	16°50	24°16	23°59	26°48	n.a.	M24
T 25	23 23 34	19°12'21	23°12	11°42	8°46	29°17	2°47	29°R47	8°52	29°54	16°50	24°12	23°55	26°55	n.a.	T 25
W26	23 27 30	20°12'46	6♐21	12°53	9°58	29°47	2°54	29°47	8°51	29°52	16°49	24°10	23°52	27° 2	n.a.	W26
T 27	23 31 27	21°13'11	19° 5	14° 2	11° 9	0♋16	3° 1	29°47	8°50	29°50	16°49	24°10	23°49	27° 9	n.a.	T 27
F 28	23 35 23	22°13'39	1♑28	15° 9	12°20	0°45	3° 7	29°46	8°48	29°49	16°48	24°10	23°46	27°15	n.a.	F 28
S 29	23 39 20	23°14'07	13°36	16°13	13°32	1°14	3°14	29°46	8°46	29°47	16°48	24° 9	23°43	27°22	n.a.	S 29
S 30	23 43 16	24♍14'38	25♑32	17♎14	14♌44	1♋43	3♋20	29♉45	8♉45	29♓45	16♑48	24♐ 6	23♐40	27♒29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n21	23s 5	0n41	8n53	0n 5	22n29	0s55	23n44	0n34	24n12	0n20	19n 3	1s19	14n33	0s17	1s45	2s 8	34s55	12s18	23s50	23s46	9s31		n.a.
S 2	13 0	21 5	1 44	8 11	0s 2	22 28	0 50	23 48	0 35	24 12	0 20	19 4	1 19	14 33	0 17	1 45	2 8	34 55	12 18	23 49	23 46	9 28		n.a.
M 3	12 39	18 11	2 41	7 29	0 8	22 26	0 46	23 52	0 36	24 12	0 21	19 4	1 20	14 32	0 17	1 46	2 8	34 55	12 17	23 49	23 46	9 26		n.a.
T 4	12 19	14 33	3 30	6 47	0 15	22 23	0 41	23 56	0 37	24 12	0 21	19 5	1 20	14 32	0 17	1 46	2 8	34 55	12 17	23 49	23 46	9 23		n.a.
W 5	11 57	10 22	4 11	6 5	0 22	22 20	0 36	24 0	0 38	24 13	0 21	19 5	1 20	14 32	0 17	1 47	2 8	34 55	12 17	23 49	23 46	9 20		n.a.
T 6	11 36	5 48	4 40	5 23	0 29	22 16	0 32	24 4	0 39	24 13	0 21	19 6	1 20	14 32	0 17	1 48	2 8	34 55	12 17	23 49	23 46	9 18		n.a.
F 7	11 15	1 1	4 58	4 41	0 36	22 12	0 27	24 8	0 40	24 13	0 21	19 6	1 20	14 32	0 17	1 48	2 8	34 55	12 17	23 48	23 46	9 15		n.a.
S 8	10 53	3n49	5 2	3 59	0 43	22 7	0 23	24 11	0 41	24 13	0 21	19 6	1 20	14 32	0 17	1 49	2 8	34 55	12 17	23 48	23 45	9 12		n.a.
S 9	10 31	8 33	4 53	3 17	0 50	22 1	0 19	24 15	0 42	24 13	0 22	19 7	1 20	14 32	0 17	1 49	2 8	34 55	12 16	23 47	23 45	9 10		n.a.
M10	10 9	13 0	4 30	2 36	0 57	21 55	0 14	24 18	0 43	24 13	0 22	19 7	1 20	14 31	0 17	1 50	2 8	34 55	12 16	23 47	23 45	9 7		n.a.
T 11	9 47	16 59	3 55	1 54	1 4	21 48	0 10	24 21	0 44	24 13	0 22	19 7	1 20	14 31	0 17	1 51	2 8	34 55	12 16	23 47	23 45	9 4		n.a.
W12	9 24	20 17	3 8	1 13	1 11	21 40	0 6	24 24	0 45	24 13	0 22	19 8	1 20	14 31	0 17	1 51	2 8	34 55	12 16	23 47	23 45	9 2		n.a.
T 13	9 2	22 39	2 10	0 32	1 18	21 32	0 2	24 27	0 47	24 14	0 22	19 8	1 20	14 31	0 17	1 52	2 8	34 55	12 16	23 47	23 45	8 59		n.a.
F 14	8 39	23 51	1 4	0s 8	1 24	21 23	0n 3	24 30	0 48	24 14	0 22	19 8	1 20	14 30	0 17	1 53	2 8	34 55	12 15	23 47	23 45	8 56		n.a.
S 15	8 16	23 42	0s 8	0 49	1 31	21 14	0 7	24 33	0 49	24 14	0 23	19 8	1 20	14 30	0 17	1 53	2 8	34 55	12 15	23 47	23 45	8 54		n.a.
S 16	7 53	22 4	1 21	1 28	1 37	21 4	0 11	24 35	0 50	24 14	0 23	19 8	1 20	14 30	0 17	1 54	2 8	34 55	12 15	23 47	23 44	8 51		n.a.
M17	7 30	18 58	2 31	2 8	1 44	20 53	0 15	24 37	0 51	24 14	0 23	19 8	1 20	14 29	0 17	1 55	2 8	34 54	12 15	23 47	23 44	8 48		n.a.
T 18	7 7	14 36	3 33	2 46	1 50	20 42	0 18	24 40	0 52	24 14	0 23	19 9	1 20	14 29	0 17	1 55	2 8	34 54	12 15	23 46	23 44	8 46		n.a.
W19	6 43	9 14	4 21	3 24	1 56	20 30	0 22	24 42	0 54	24 14	0 23	19 9	1 20	14 29	0 17	1 56	2 8	34 54	12 14	23 46	23 44	8 43		n.a.
T 20	6 20	3 15	4 51	4 2	2 2	20 17	0 26	24 44	0 55	24 14	0 23	19 9	1 21	14 28	0 17	1 57	2 8	34 54	12 14	23 46	23 44	8 40		n.a.
F 21	5 56	2s53	5 0	4 39	2 7	20 4	0 30	24 46	0 56	24 14	0 24	19 9	1 21	14 28	0 17	1 57	2 8	34 54	12 14	23 45	23 44	8 38		n.a.
S 22	5 32	8 45	4 49	5 15	2 13	19 50	0 33	24 48	0 57	24 14	0 24	19 9	1 21	14 28	0 17	1 58	2 8	34 54	12 14	23 45	23 44	8 35		n.a.
S 23	5 9	13 59	4 18	5 50	2 18	19 36	0 37	24 49	0 58	24 14	0 24	19 9	1 21	14 27	0 17	1 59	2 8	34 54	12 14	23 44	23 43	8 32		n.a.
M24	4 45	18 17	3 32	6 24	2 23	19 21	0 40	24 51	1 0	24 14	0 24	19 9	1 21	14 27	0 17	1 59	2 8	34 53	12 13	23 44	23 43	8 30		n.a.
T 25	4 21	21 25	2 36	6 58	2 27	19 5	0 44	24 52	1 1	24 14	0 24	19 9	1 21	14 26	0 17	2 0	2 8	34 53	12 13	23 44	23 43	8 27		n.a.
W26	3 57	23 16	1 33	7 30	2 31	18 49	0 47	24 54	1 2	24 14	0 25	19 9	1 21	14 26	0 17	2 1	2 8	34 53	12 13	23 44	23 43	8 24		n.a.
T 27	3 32	23 51	0 27	8 0	2 35	18 32	0 50	24 55	1 3	24 14	0 25	19 9	1 21	14 25	0 17	2 1	2 8	34 53	12 13	23 44	23 43	8 22		n.a.
F 28	3 8	23 13	0n39	8 30	2 39	18 15	0 53	24 56	1 5	24 14	0 25	19 8	1 21	14 25	0 17	2 2	2 8	34 53	12 12	23 44	23 43	8 19		n.a.
S 29	2 44	21 29	1 41	8 58	2 41	17 57	0 56	24 57	1 6	24 14	0 25	19 8	1 21	14 24	0 17	2 3	2 8	34 53	12 12	23 44	23 43	8 16		n.a.
S 30	2n20	18s50	2n38	9s24	2s44	17n39	0n59	24n58	1n 7	24n14	0n25	19n 8	1s21	14n24	0s17	2s 3	2s 8	34s52	12s12	23s44	23s42	8s14		n.a.

Julian Day Number = 1204837.5, Delta T = 09h18m51s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'28, Lahiri = -23°28'27 Julian Calendar 1 Sept. 1415 BCE == Greg. Calendar 19 Aug. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

OCTOBER 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 47 13	25♍15'10	7♒24	18♎11	15♌55	2♋12	3♋26	29°R45	8°R43	29°R44	16°R47	24°R 0	23♐36	27♒35	n.a.	M 1
T 2	23 51 9	26°15'43	19°13	19° 6	17° 7	2°40	3°32	29♉44	8♉42	29♓42	16♑47	23♐52	23°33	27°42	n.a.	T 2
W 3	23 55 6	27°16'18	1♓ 5	19°56	18°19	3° 9	3°38	29°43	8°40	29°40	16°47	23°40	23°30	27°49	n.a.	W 3
T 4	23 59 3	28°16'54	13° 0	20°41	19°32	3°37	3°44	29°42	8°38	29°39	16°46	23°27	23°27	27°56	n.a.	T 4
F 5	0 2 59	29°17'32	25° 1	21°21	20°44	4° 4	3°49	29°41	8°36	29°37	16°46	23°12	23°24	28° 2	n.a.	F 5
S 6	0 6 56	0♎18'11	7♈ 8	21°56	21°56	4°32	3°55	29°40	8°35	29°35	16°46	22°58	23°20	28° 9	n.a.	S 6
S 7	0 10 52	1°18'53	19°24	22°24	23° 9	4°59	4° 0	29°38	8°33	29°33	16°46	22°44	23°17	28°16	n.a.	S 7
M 8	0 14 49	2°19'35	1♉47	22°45	24°21	5°26	4° 5	29°37	8°31	29°32	16°46	22°33	23°14	28°22	n.a.	M 8
T 9	0 18 45	3°20'20	14°20	22°58	25°34	5°53	4°10	29°35	8°29	29°30	16°45	22°25	23°11	28°29	n.a.	T 9
W10	0 22 42	4°21'06	27° 3	23°R 2	26°46	6°20	4°14	29°33	8°27	29°28	16°45	22°20	23° 8	28°36	n.a.	W10
T 11	0 26 38	5°21'54	10♊ 0	22°57	27°59	6°46	4°19	29°32	8°25	29°27	16°45	22°18	23° 5	28°43	n.a.	T 11
F 12	0 30 35	6°22'44	23°11	22°42	29°12	7°12	4°23	29°30	8°23	29°25	16°45	22°D17	23° 1	28°49	n.a.	F 12
S 13	0 34 31	7°23'36	6♋41	22°16	0♍25	7°38	4°27	29°28	8°21	29°23	16°45	22°R17	22°58	28°56	n.a.	S 13
S 14	0 38 28	8°24'29	20°30	21°40	1°38	8° 4	4°31	29°26	8°19	29°22	16°D45	22°17	22°55	29° 3	n.a.	S 14
M15	0 42 25	9°25'24	4♌41	20°53	2°51	8°29	4°35	29°23	8°17	29°20	16°45	22°15	22°52	29° 9	n.a.	M15
T 16	0 46 21	10°26'20	19°11	19°56	4° 5	8°54	4°39	29°21	8°14	29°18	16°45	22°10	22°49	29°16	n.a.	T 16
W17	0 50 18	11°27'18	3♍59	18°50	5°18	9°19	4°42	29°19	8°12	29°17	16°45	22° 2	22°45	29°23	n.a.	W17
T 18	0 54 14	12°28'17	18°56	17°37	6°31	9°44	4°45	29°16	8°10	29°15	16°45	21°52	22°42	29°30	n.a.	T 18
F 19	0 58 11	13°29'18	3♎55	16°18	7°45	10° 8	4°48	29°14	8° 8	29°13	16°46	21°42	22°39	29°36	n.a.	F 19
S 20	1 2 7	14°30'20	18°46	14°56	8°58	10°32	4°51	29°11	8° 5	29°12	16°46	21°31	22°36	29°43	n.a.	S 20
S 21	1 6 4	15°31'23	3♏20	13°34	10°12	10°55	4°54	29° 8	8° 3	29°10	16°46	21°22	22°33	29°50	n.a.	S 21
M22	1 10 0	16°32'27	17°30	12°14	11°26	11°18	4°57	29° 5	8° 1	29° 8	16°46	21°15	22°30	29°56	n.a.	M22
T 23	1 13 57	17°33'33	1♐13	10°59	12°39	11°41	4°59	29° 2	7°58	29° 7	16°46	21°10	22°26	0♓ 3	n.a.	T 23
W24	1 17 54	18°34'39	14°27	9°52	13°53	12° 4	5° 1	28°59	7°56	29° 5	16°47	21° 8	22°23	0°10	n.a.	W24
T 25	1 21 50	19°35'46	27°17	8°54	15° 7	12°26	5° 3	28°56	7°54	29° 4	16°47	21°D 8	22°20	0°17	n.a.	T 25
F 26	1 25 47	20°36'53	9♑44	8° 7	16°21	12°48	5° 5	28°53	7°51	29° 2	16°47	21° 9	22°17	0°23	n.a.	F 26
S 27	1 29 43	21°38'01	21°54	7°31	17°35	13°10	5° 6	28°49	7°49	29° 1	16°47	21°R 9	22°14	0°30	n.a.	S 27
S 28	1 33 40	22°39'10	3♒53	7° 6	18°49	13°31	5° 8	28°46	7°46	28°59	16°48	21° 9	22°11	0°37	n.a.	S 28
M29	1 37 36	23°40'19	15°45	6°53	20° 3	13°52	5° 9	28°42	7°44	28°58	16°48	21° 6	22° 7	0°43	n.a.	M29
T 30	1 41 33	24°41'29	27°35	6°D50	21°17	14°12	5°10	28°39	7°41	28°56	16°49	21° 1	22° 4	0°50	n.a.	T 30
W31	1 45 30	25♎42'40	9♓28	6♎57	22♍31	14♋32	5♋11	28♉35	7♉39	28♓55	16♑49	20♐53	22♐ 1	0♓57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	1n55	15s25	3n27	9s48	2s46	17n20	1n 2	24n59	1n 9	24n14	0n26	19n 8	1s21	14n23	0s17	2s 4	2s 8	34s52	12s12	23s43	23s42	8s11		n.a.
T 2	1 31	11 24	4 7	10 10	2 47	17 1	1 5	25 0	1 10	24 15	0 26	19 8	1 21	14 23	0 17	2 5	2 8	34 52	12 11	23 43	23 42	8 8		n.a.
W 3	1 6	6 58	4 37	10 30	2 47	16 41	1 8	25 1	1 11	24 15	0 26	19 7	1 21	14 22	0 17	2 5	2 8	34 52	12 11	23 42	23 42	8 6		n.a.
T 4	0 42	2 16	4 55	10 47	2 46	16 20	1 11	25 1	1 13	24 15	0 26	19 7	1 21	14 22	0 17	2 6	2 8	34 52	12 11	23 42	23 42	8 3		n.a.
F 5	0 17	2n33	4 59	11 1	2 45	15 59	1 13	25 2	1 14	24 15	0 26	19 7	1 21	14 21	0 17	2 7	2 9	34 51	12 11	23 41	23 42	8 0		n.a.
S 6	0s 7	7 19	4 50	11 12	2 43	15 38	1 16	25 2	1 16	24 15	0 27	19 7	1 21	14 20	0 17	2 8	2 9	34 51	12 10	23 40	23 41	7 58		n.a.
S 7	0 32	11 50	4 28	11 19	2 39	15 16	1 18	25 3	1 17	24 15	0 27	19 6	1 21	14 20	0 17	2 8	2 9	34 51	12 10	23 39	23 41	7 55		n.a.
M 8	0 56	15 56	3 53	11 23	2 34	14 54	1 20	25 3	1 18	24 15	0 27	19 6	1 21	14 19	0 17	2 9	2 8	34 51	12 10	23 39	23 41	7 52		n.a.
T 9	1 21	19 23	3 6	11 22	2 28	14 31	1 23	25 3	1 20	24 15	0 27	19 6	1 21	14 19	0 17	2 10	2 8	34 50	12 10	23 38	23 41	7 50		n.a.
W10	1 46	21 56	2 9	11 17	2 21	14 8	1 25	25 4	1 21	24 15	0 27	19 5	1 22	14 18	0 17	2 10	2 8	34 50	12 9	23 38	23 41	7 47		n.a.
T 11	2 10	23 24	1 5	11 6	2 12	13 44	1 27	25 4	1 23	24 15	0 28	19 5	1 22	14 17	0 17	2 11	2 8	34 50	12 9	23 38	23 41	7 44		n.a.
F 12	2 35	23 36	0s 5	10 51	2 1	13 20	1 29	25 4	1 24	24 15	0 28	19 4	1 22	14 17	0 17	2 12	2 8	34 50	12 9	23 38	23 40	7 42		n.a.
S 13	2 59	22 26	1 16	10 30	1 49	12 56	1 31	25 4	1 26	24 15	0 28	19 4	1 22	14 16	0 17	2 12	2 8	34 49	12 9	23 38	23 40	7 39		n.a.
S 14	3 23	19 54	2 24	10 3	1 35	12 31	1 32	25 4	1 27	24 15	0 28	19 3	1 22	14 15	0 17	2 13	2 8	34 49	12 8	23 38	23 40	7 36		n.a.
M15	3 48	16 7	3 25	9 30	1 19	12 6	1 34	25 4	1 29	24 15	0 28	19 3	1 22	14 14	0 17	2 14	2 8	34 49	12 8	23 38	23 40	7 34		n.a.
T 16	4 12	11 19	4 14	8 52	1 1	11 40	1 36	25 4	1 30	24 15	0 29	19 2	1 22	14 14	0 17	2 14	2 8	34 49	12 8	23 37	23 40	7 31		n.a.
W17	4 36	5 46	4 47	8 10	0 43	11 14	1 37	25 3	1 32	24 15	0 29	19 2	1 22	14 13	0 17	2 15	2 8	34 48	12 8	23 37	23 40	7 28		n.a.
T 18	5 1	0s10	5 2	7 23	0 23	10 48	1 39	25 3	1 34	24 15	0 29	19 1	1 22	14 12	0 17	2 16	2 8	34 48	12 7	23 36	23 39	7 26		n.a.
F 19	5 25	6 5	4 55	6 33	0 2	10 21	1 40	25 3	1 35	24 16	0 29	19 1	1 22	14 12	0 17	2 16	2 8	34 48	12 7	23 36	23 39	7 23		n.a.
S 20	5 49	11 36	4 29	5 42	0n18	9 54	1 41	25 3	1 37	24 16	0 29	19 0	1 22	14 11	0 17	2 17	2 8	34 48	12 7	23 35	23 39	7 20		n.a.
S 21	6 13	16 22	3 45	4 51	0 39	9 27	1 42	25 2	1 39	24 16	0 30	18 59	1 22	14 10	0 17	2 18	2 8	34 47	12 7	23 34	23 39	7 17		n.a.
M22	6 37	20 3	2 49	4 1	0 58	9 0	1 43	25 2	1 40	24 16	0 30	18 59	1 22	14 9	0 17	2 18	2 8	34 47	12 6	23 34	23 39	7 15		n.a.
T 23	7 1	22 28	1 44	3 15	1 17	8 32	1 44	25 2	1 42	24 16	0 30	18 58	1 22	14 9	0 17	2 19	2 8	34 47	12 6	23 34	23 38	7 12		n.a.
W24	7 24	23 32	0 36	2 33	1 34	8 4	1 45	25 1	1 44	24 16	0 30	18 57	1 22	14 8	0 17	2 19	2 8	34 46	12 6	23 34	23 38	7 9		n.a.
T 25	7 48	23 17	0n33	1 56	1 49	7 35	1 46	25 1	1 45	24 16	0 31	18 57	1 22	14 7	0 17	2 20	2 8	34 46	12 5	23 34	23 38	7 7		n.a.
F 26	8 11	21 52	1 38	1 25	2 2	7 7	1 47	25 1	1 47	24 16	0 31	18 56	1 22	14 6	0 17	2 21	2 8	34 46	12 5	23 34	23 38	7 4		n.a.
S 27	8 35	19 28	2 37	1 1	2 12	6 38	1 47	25 0	1 49	24 17	0 31	18 55	1 22	14 5	0 17	2 21	2 8	34 46	12 5	23 34	23 38	7 1		n.a.
S 28	8 58	16 15	3 28	0 43	2 21	6 9	1 48	25 0	1 51	24 17	0 31	18 54	1 22	14 5	0 17	2 22	2 8	34 45	12 5	23 34	23 38	6 59		n.a.
M29	9 21	12 26	4 10	0 31	2 28	5 40	1 48	24 59	1 52	24 17	0 31	18 54	1 22	14 4	0 17	2 22	2 8	34 45	12 4	23 33	23 37	6 56		n.a.
T 30	9 44	8 9	4 40	0 25	2 33	5 11	1 49	24 59	1 54	24 17	0 32	18 53	1 22	14 3	0 17	2 23	2 8	34 45	12 4	23 33	23 37	6 53		n.a.
W31	10s 6	3s33	4n59	0s25	2n37	4n41	1n49	24n59	1n56	24n17	0n32	18n52	1s22	14n 2	0s17	2s24	2s 8	34s44	12s 4	23s32	23s37	6s51		n.a.

Julian Day Number = 1204867.5, Delta T = 09h18m49s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'24, Lahiri = -23°28'23 Julian Calendar 1 Oct. 1415 BCE == Greg. Calendar 18 Sept. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

NOVEMBER 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 49 26	26♎43'51	21♓27	7♎14	23♍45	14♋52	5♋11	28°R31	7°R36	28°R53	16♑50	20°R44	21♐58	1♓ 4	n.a.	T 1
F 2	1 53 23	27°45'02	3♈34	7°40	24°59	15°11	5°12	28♉27	7♉34	28♓52	16°50	20♐33	21°55	1°10	n.a.	F 2
S 3	1 57 19	28°46'14	15°52	8°13	26°13	15°30	5°12	28°23	7°31	28°50	16°51	20°23	21°51	1°17	n.a.	S 3
S 4	2 1 16	29°47'27	28°21	8°53	27°28	15°48	5°R12	28°19	7°29	28°49	16°51	20°13	21°48	1°24	n.a.	S 4
M 5	2 5 12	0♏48'41	11♉ 2	9°39	28°42	16° 7	5°12	28°15	7°26	28°47	16°52	20° 5	21°45	1°30	n.a.	M 5
T 6	2 9 9	1°49'55	23°54	10°31	29°56	16°24	5°11	28°11	7°24	28°46	16°52	20° 0	21°42	1°37	n.a.	T 6
W 7	2 13 5	2°51'09	6♊57	11°27	1♎11	16°41	5°11	28° 7	7°21	28°45	16°53	19°57	21°39	1°44	n.a.	W 7
T 8	2 17 2	3°52'25	20°11	12°28	2°25	16°58	5°10	28° 3	7°19	28°43	16°54	19°D56	21°36	1°51	n.a.	T 8
F 9	2 20 59	4°53'41	3♋37	13°32	3°40	17°14	5° 9	27°58	7°16	28°42	16°54	19°57	21°32	1°57	n.a.	F 9
S 10	2 24 55	5°54'57	17°14	14°39	4°54	17°30	5° 8	27°54	7°14	28°41	16°55	19°58	21°29	2° 4	n.a.	S 10
S 11	2 28 52	6°56'15	1♌ 4	15°49	6° 9	17°45	5° 6	27°50	7°11	28°40	16°56	19°R59	21°26	2°11	n.a.	S 11
M12	2 32 48	7°57'33	15° 7	17° 2	7°23	18° 0	5° 5	27°45	7° 8	28°38	16°56	19°59	21°23	2°17	n.a.	M12
T 13	2 36 45	8°58'51	29°22	18°17	8°38	18°14	5° 3	27°40	7° 6	28°37	16°57	19°57	21°20	2°24	n.a.	T 13
W14	2 40 41	10° 0'10	13♍46	19°33	9°52	18°28	5° 1	27°36	7° 3	28°36	16°58	19°53	21°17	2°31	n.a.	W14
T 15	2 44 38	11° 1'29	28°16	20°52	11° 7	18°41	4°59	27°31	7° 1	28°35	16°59	19°48	21°13	2°38	n.a.	T 15
F 16	2 48 34	12° 2'49	12♎47	22°11	12°22	18°54	4°57	27°27	6°58	28°34	16°59	19°42	21°10	2°44	n.a.	F 16
S 17	2 52 31	13° 4'09	27°12	23°33	13°36	19° 6	4°54	27°22	6°56	28°32	17° 0	19°36	21° 7	2°51	n.a.	S 17
S 18	2 56 28	14° 5'30	11♏25	24°55	14°51	19°18	4°51	27°17	6°53	28°31	17° 1	19°31	21° 4	2°58	n.a.	S 18
M19	3 0 24	15° 6'50	25°21	26°18	16° 6	19°29	4°48	27°12	6°50	28°30	17° 2	19°27	21° 1	3° 4	n.a.	M19
T 20	3 4 21	16° 8'10	8♐57	27°42	17°20	19°39	4°45	27° 7	6°48	28°29	17° 3	19°25	20°57	3°11	n.a.	T 20
W21	3 8 17	17° 9'30	22° 9	29° 7	18°35	19°49	4°42	27° 3	6°45	28°28	17° 4	19°D24	20°54	3°18	n.a.	W21
T 22	3 12 14	18°10'50	5♑ 0	0♏33	19°50	19°58	4°39	26°58	6°43	28°27	17° 5	19°25	20°51	3°25	n.a.	T 22
F 23	3 16 10	19°12'10	17°30	2° 0	21° 5	20° 7	4°35	26°53	6°40	28°26	17° 6	19°27	20°48	3°31	n.a.	F 23
S 24	3 20 7	20°13'29	29°44	3°27	22°19	20°15	4°31	26°48	6°38	28°25	17° 7	19°29	20°45	3°38	n.a.	S 24
S 25	3 24 4	21°14'48	11♒46	4°55	23°34	20°22	4°27	26°43	6°35	28°25	17° 8	19°30	20°42	3°45	n.a.	S 25
M26	3 28 0	22°16'06	23°40	6°23	24°49	20°29	4°23	26°38	6°33	28°24	17° 9	19°R30	20°38	3°51	n.a.	M26
T 27	3 31 57	23°17'23	5♓31	7°52	26° 4	20°35	4°18	26°33	6°31	28°23	17°10	19°29	20°35	3°58	n.a.	T 27
W28	3 35 53	24°18'40	17°25	9°21	27°19	20°40	4°14	26°28	6°28	28°22	17°11	19°27	20°32	4° 5	n.a.	W28
T 29	3 39 50	25°19'56	29°26	10°51	28°34	20°45	4° 9	26°23	6°26	28°21	17°12	19°24	20°29	4°12	n.a.	T 29
F 30	3 43 46	26♏21'11	11♈37	12♏22	29♎48	20♋49	4♋ 4	26♉18	6♉23	28♓20	17♑13	19♐21	20♐26	4♓18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s29	1n13	5n 5	0s30	2n39	4n11	1n49	24n58	1n58	24n18	0n32	18n51	1s22	14n 1	0s17	2s24	2s 8	34s44	12s 4	23s32	23s37	6s48		n.a.
F 2	10 51	5 59	4 57	0 40	2 39	3 42	1 49	24 58	2 0	24 18	0 32	18 50	1 22	14 1	0 17	2 25	2 8	34 44	12 3	23 31	23 37	6 45		n.a.
S 3	11 14	10 35	4 36	0 53	2 39	3 12	1 49	24 58	2 2	24 18	0 33	18 49	1 22	14 0	0 17	2 25	2 8	34 43	12 3	23 30	23 36	6 43		n.a.
S 4	11 36	14 49	4 1	1 11	2 37	2 42	1 49	24 57	2 4	24 18	0 33	18 48	1 22	13 59	0 17	2 26	2 8	34 43	12 3	23 30	23 36	6 40		n.a.
M 5	11 57	18 28	3 14	1 32	2 35	2 11	1 49	24 57	2 6	24 18	0 33	18 48	1 22	13 58	0 17	2 26	2 8	34 43	12 3	23 29	23 36	6 37		n.a.
T 6	12 19	21 16	2 16	1 55	2 31	1 41	1 49	24 57	2 8	24 19	0 33	18 47	1 22	13 57	0 17	2 27	2 8	34 42	12 2	23 29	23 36	6 35		n.a.
W 7	12 41	23 0	1 10	2 21	2 27	1 11	1 48	24 57	2 10	24 19	0 34	18 46	1 22	13 56	0 17	2 27	2 8	34 42	12 2	23 28	23 36	6 32		n.a.
T 8	13 2	23 28	0s 1	2 49	2 23	0 40	1 48	24 56	2 12	24 19	0 34	18 45	1 22	13 56	0 17	2 28	2 8	34 42	12 2	23 28	23 35	6 29		n.a.
F 9	13 23	22 35	1 13	3 19	2 18	0 10	1 48	24 56	2 14	24 19	0 34	18 44	1 22	13 55	0 17	2 28	2 8	34 41	12 2	23 28	23 35	6 27		n.a.
S 10	13 44	20 22	2 22	3 51	2 12	0s21	1 47	24 56	2 16	24 20	0 34	18 43	1 22	13 54	0 17	2 29	2 8	34 41	12 1	23 28	23 35	6 24		n.a.
S 11	14 4	16 57	3 24	4 24	2 6	0 51	1 46	24 56	2 18	24 20	0 34	18 42	1 22	13 53	0 17	2 29	2 8	34 41	12 1	23 29	23 35	6 21		n.a.
M12	14 24	12 32	4 15	4 58	2 0	1 22	1 46	24 56	2 20	24 20	0 35	18 41	1 22	13 52	0 17	2 30	2 8	34 40	12 1	23 29	23 35	6 19		n.a.
T 13	14 45	7 22	4 50	5 33	1 53	1 53	1 45	24 56	2 22	24 21	0 35	18 40	1 22	13 51	0 17	2 30	2 8	34 40	12 1	23 28	23 34	6 16		n.a.
W14	15 4	1 46	5 8	6 8	1 47	2 23	1 44	24 57	2 24	24 21	0 35	18 39	1 21	13 50	0 17	2 31	2 7	34 40	12 0	23 28	23 34	6 13		n.a.
T 15	15 24	3s58	5 7	6 45	1 40	2 54	1 43	24 57	2 27	24 21	0 35	18 38	1 21	13 50	0 17	2 31	2 7	34 39	12 0	23 28	23 34	6 10		n.a.
F 16	15 43	9 30	4 45	7 21	1 33	3 24	1 42	24 57	2 29	24 22	0 36	18 37	1 21	13 49	0 17	2 31	2 7	34 39	12 0	23 27	23 34	6 8		n.a.
S 17	16 2	14 28	4 6	7 58	1 26	3 55	1 41	24 58	2 31	24 22	0 36	18 36	1 21	13 48	0 17	2 32	2 7	34 39	12 0	23 27	23 33	6 5		n.a.
S 18	16 21	18 34	3 12	8 36	1 18	4 25	1 40	24 58	2 33	24 22	0 36	18 35	1 21	13 47	0 17	2 32	2 7	34 38	12 0	23 26	23 33	6 2		n.a.
M19	16 39	21 30	2 7	9 13	1 11	4 56	1 39	24 59	2 36	24 23	0 36	18 34	1 21	13 46	0 17	2 33	2 7	34 38	11 59	23 26	23 33	6 0		n.a.
T 20	16 57	23 7	0 57	9 51	1 4	5 26	1 37	25 0	2 38	24 23	0 36	18 33	1 21	13 45	0 17	2 33	2 7	34 38	11 59	23 26	23 33	5 57		n.a.
W21	17 15	23 22	0n15	10 29	0 56	5 56	1 36	25 0	2 40	24 23	0 37	18 32	1 21	13 45	0 17	2 33	2 7	34 37	11 59	23 26	23 33	5 54		n.a.
T 22	17 33	22 22	1 24	11 6	0 49	6 26	1 35	25 1	2 42	24 24	0 37	18 31	1 21	13 44	0 17	2 34	2 7	34 37	11 59	23 26	23 32	5 52		n.a.
F 23	17 50	20 15	2 28	11 44	0 42	6 56	1 33	25 2	2 45	24 24	0 37	18 30	1 21	13 43	0 17	2 34	2 7	34 37	11 58	23 26	23 32	5 49		n.a.
S 24	18 7	17 15	3 23	12 21	0 34	7 26	1 32	25 3	2 47	24 24	0 37	18 29	1 21	13 42	0 17	2 34	2 7	34 36	11 58	23 26	23 32	5 46		n.a.
S 25	18 23	13 35	4 9	12 58	0 27	7 55	1 30	25 5	2 50	24 25	0 38	18 27	1 21	13 41	0 17	2 35	2 7	34 36	11 58	23 26	23 32	5 44		n.a.
M26	18 39	9 26	4 43	13 35	0 20	8 25	1 28	25 6	2 52	24 25	0 38	18 26	1 21	13 41	0 17	2 35	2 7	34 35	11 58	23 26	23 31	5 41		n.a.
T 27	18 55	4 56	5 5	14 11	0 12	8 54	1 27	25 8	2 55	24 25	0 38	18 25	1 21	13 40	0 17	2 35	2 7	34 35	11 58	23 26	23 31	5 38		n.a.
W28	19 11	0 15	5 14	14 47	0 5	9 23	1 25	25 9	2 57	24 26	0 38	18 24	1 20	13 39	0 17	2 36	2 7	34 35	11 57	23 26	23 31	5 36		n.a.
T 29	19 26	4n29	5 9	15 22	0s 2	9 52	1 23	25 11	2 59	24 26	0 39	18 23	1 20	13 38	0 17	2 36	2 7	34 34	11 57	23 26	23 31	5 33		n.a.
F 30	19s41	9n 7	4n51	15s57	0s 9	10s20	1n21	25n13	3n 2	24n27	0n39	18n22	1s20	13n37	0s17	2s36	2s 7	34s34	11s57	23s25	23s31	5s30		n.a.

Julian Day Number = 1204898.5, Delta T = 09h18m47s
Ecliptic obliquity = 23°51'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'19, Lahiri = -23°28'19 Julian Calendar 1 Nov. 1415 BCE == Greg. Calendar 19 Oct. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1415 BCE
geocentric

DECEMBER 1415 BCE (-1414) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 47 43	27♏22'26	24♈ 2	13♏52	1♏ 3	20♋52	3°R59	26°R13	6°R21	28°R20	17♑15	19°R17	20♐22	4♓25	n.a.	S 1
S 2	3 51 39	28°23'41	6♉43	15°24	2°18	20°55	3♋54	26♉ 8	6♉19	28♓19	17°16	19♐13	20°19	4°32	n.a.	S 2
M 3	3 55 36	29°24'54	19°39	16°56	3°33	20°57	3°49	26° 3	6°16	28°18	17°17	19°11	20°16	4°38	n.a.	M 3
T 4	3 59 33	0♐26'07	2♊52	18°28	4°48	20°58	3°43	25°58	6°14	28°18	17°18	19° 9	20°13	4°45	n.a.	T 4
W 5	4 3 29	1°27'20	16°20	20° 1	6° 3	20°R58	3°37	25°53	6°12	28°17	17°19	19°D 8	20°10	4°52	n.a.	W 5
T 6	4 7 26	2°28'32	0♋ 1	21°34	7°17	20°58	3°32	25°48	6°10	28°17	17°21	19° 8	20° 7	4°59	n.a.	T 6
F 7	4 11 22	3°29'43	13°52	23° 7	8°32	20°57	3°26	25°43	6° 7	28°16	17°22	19° 9	20° 3	5° 5	n.a.	F 7
S 8	4 15 19	4°30'54	27°52	24°42	9°47	20°55	3°20	25°39	6° 5	28°16	17°23	19°11	20° 0	5°12	n.a.	S 8
S 9	4 19 15	5°32'04	11♌58	26°16	11° 2	20°52	3°13	25°34	6° 3	28°15	17°25	19°12	19°57	5°19	n.a.	S 9
M10	4 23 12	6°33'14	26° 8	27°52	12°17	20°49	3° 7	25°29	6° 1	28°15	17°26	19°12	19°54	5°26	n.a.	M10
T 11	4 27 9	7°34'23	10♍19	29°27	13°32	20°44	3° 1	25°24	5°59	28°14	17°27	19°R13	19°51	5°32	n.a.	T 11
W12	4 31 5	8°35'31	24°30	1♐ 4	14°47	20°39	2°54	25°19	5°57	28°14	17°29	19°12	19°48	5°39	n.a.	W12
T 13	4 35 2	9°36'39	8♎37	2°41	16° 1	20°33	2°47	25°14	5°55	28°14	17°30	19°11	19°44	5°46	n.a.	T 13
F 14	4 38 58	10°37'46	22°40	4°18	17°16	20°27	2°40	25°10	5°53	28°13	17°31	19°10	19°41	5°52	n.a.	F 14
S 15	4 42 55	11°38'52	6♏34	5°56	18°31	20°19	2°33	25° 5	5°51	28°13	17°33	19° 9	19°38	5°59	n.a.	S 15
S 16	4 46 51	12°39'58	20°18	7°35	19°46	20°11	2°26	25° 0	5°49	28°13	17°34	19° 8	19°35	6° 6	n.a.	S 16
M17	4 50 48	13°41'03	3♐49	9°14	21° 1	20° 2	2°19	24°56	5°47	28°13	17°35	19° 8	19°32	6°13	n.a.	M17
T 18	4 54 44	14°42'06	17° 5	10°54	22°16	19°52	2°12	24°51	5°45	28°13	17°37	19°D 8	19°28	6°19	n.a.	T 18
W19	4 58 41	15°43'09	0♑ 4	12°35	23°31	19°41	2° 5	24°47	5°43	28°13	17°38	19° 8	19°25	6°26	n.a.	W19
T 20	5 2 38	16°44'10	12°47	14°16	24°45	19°30	1°57	24°42	5°41	28°13	17°40	19° 8	19°22	6°33	n.a.	T 20
F 21	5 6 34	17°45'10	25°15	15°58	26° 0	19°18	1°50	24°38	5°40	28°12	17°41	19° 8	19°19	6°39	n.a.	F 21
S 22	5 10 31	18°46'08	7♒28	17°41	27°15	19° 5	1°42	24°34	5°38	28°D12	17°43	19°R 8	19°16	6°46	n.a.	S 22
S 23	5 14 27	19°47'05	19°31	19°24	28°30	18°51	1°35	24°29	5°36	28°13	17°44	19° 8	19°13	6°53	n.a.	S 23
M24	5 18 24	20°48'01	1♓26	21° 8	29°45	18°36	1°27	24°25	5°35	28°13	17°46	19° 8	19° 9	7° 0	n.a.	M24
T 25	5 22 20	21°48'54	13°18	22°53	1♐ 0	18°21	1°19	24°21	5°33	28°13	17°47	19° 8	19° 6	7° 6	n.a.	T 25
W26	5 26 17	22°49'46	25°12	24°39	2°14	18° 5	1°11	24°17	5°32	28°13	17°49	19°D 8	19° 3	7°13	n.a.	W26
T 27	5 30 14	23°50'36	7♈12	26°25	3°29	17°49	1° 4	24°13	5°30	28°13	17°50	19° 8	19° 0	7°20	n.a.	T 27
F 28	5 34 10	24°51'25	19°22	28°11	4°44	17°31	0°56	24° 9	5°29	28°13	17°52	19° 9	18°57	7°27	n.a.	F 28
S 29	5 38 7	25°52'12	1♉48	29°59	5°59	17°13	0°48	24° 5	5°27	28°13	17°54	19° 9	18°54	7°33	n.a.	S 29
S 30	5 42 3	26°52'57	14°32	1♑47	7°13	16°55	0°40	24° 1	5°26	28°14	17°55	19°10	18°50	7°40	n.a.	S 30
M31	5 46 0	27♐53'41	27♉38	3♑35	8♐28	16♋36	0♋32	23♉58	5♉25	28♓14	17♑57	19♐11	18♐47	7♓47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s55	13n28	4n18	16s32	0s16	10s48	1n19	25n15	3n 4	24n27	0n39	18n21	1s20	13n37	0s17	2s36	2s 7	34s34	11s57	23s25	23s30	5s28		n.a.
S 2	20 9	17 20	3 33	17 6	0 22	11 17	1 17	25 17	3 7	24 27	0 39	18 20	1 20	13 36	0 17	2 36	2 6	34 33	11 57	23 25	23 30	5 25		n.a.
M 3	20 23	20 27	2 35	17 39	0 29	11 44	1 15	25 19	3 10	24 28	0 39	18 19	1 20	13 35	0 17	2 37	2 6	34 33	11 57	23 25	23 30	5 22		n.a.
T 4	20 36	22 33	1 29	18 11	0 35	12 12	1 13	25 21	3 12	24 28	0 40	18 18	1 20	13 34	0 17	2 37	2 6	34 33	11 56	23 25	23 30	5 20		n.a.
W 5	20 49	23 24	0 15	18 43	0 42	12 39	1 11	25 24	3 15	24 28	0 40	18 17	1 20	13 34	0 17	2 37	2 6	34 32	11 56	23 24	23 29	5 17		n.a.
T 6	21 1	22 52	1s 0	19 14	0 48	13 6	1 9	25 26	3 17	24 29	0 40	18 16	1 20	13 33	0 17	2 37	2 6	34 32	11 56	23 24	23 29	5 14		n.a.
F 7	21 13	20 56	2 13	19 45	0 54	13 33	1 7	25 29	3 20	24 29	0 40	18 15	1 19	13 32	0 17	2 37	2 6	34 32	11 56	23 25	23 29	5 11		n.a.
S 8	21 25	17 43	3 18	20 14	0 59	13 59	1 5	25 32	3 22	24 30	0 40	18 14	1 19	13 31	0 17	2 37	2 6	34 31	11 56	23 25	23 29	5 9		n.a.
S 9	21 36	13 28	4 12	20 43	1 5	14 25	1 2	25 35	3 25	24 30	0 41	18 12	1 19	13 31	0 17	2 38	2 6	34 31	11 56	23 25	23 28	5 6		n.a.
M10	21 47	8 28	4 51	21 10	1 10	14 50	1 0	25 38	3 28	24 30	0 41	18 11	1 19	13 30	0 17	2 38	2 6	34 31	11 55	23 25	23 28	5 3		n.a.
T 11	21 57	3 1	5 13	21 37	1 16	15 15	0 58	25 41	3 30	24 31	0 41	18 10	1 19	13 29	0 17	2 38	2 6	34 30	11 55	23 25	23 28	5 1		n.a.
W12	22 7	2s35	5 15	22 3	1 21	15 40	0 55	25 45	3 33	24 31	0 41	18 9	1 19	13 29	0 17	2 38	2 6	34 30	11 55	23 25	23 28	4 58		n.a.
T 13	22 17	8 2	4 59	22 27	1 25	16 5	0 53	25 48	3 35	24 31	0 41	18 8	1 19	13 28	0 17	2 38	2 6	34 30	11 55	23 25	23 27	4 55		n.a.
F 14	22 26	13 2	4 24	22 51	1 30	16 29	0 51	25 52	3 38	24 32	0 42	18 7	1 19	13 27	0 17	2 38	2 6	34 29	11 55	23 25	23 27	4 53		n.a.
S 15	22 35	17 19	3 35	23 13	1 34	16 52	0 48	25 55	3 40	24 32	0 42	18 6	1 18	13 27	0 17	2 38	2 6	34 29	11 55	23 25	23 27	4 50		n.a.
S 16	22 43	20 35	2 33	23 34	1 38	17 15	0 46	25 59	3 43	24 32	0 42	18 5	1 18	13 26	0 16	2 38	2 6	34 29	11 55	23 24	23 27	4 47		n.a.
M17	22 51	22 39	1 24	23 54	1 42	17 38	0 43	26 3	3 45	24 33	0 42	18 4	1 18	13 25	0 16	2 38	2 5	34 28	11 54	23 24	23 26	4 45		n.a.
T 18	22 58	23 25	0 11	24 13	1 45	18 0	0 41	26 7	3 48	24 33	0 42	18 3	1 18	13 25	0 16	2 38	2 5	34 28	11 54	23 24	23 26	4 42		n.a.
W19	23 5	22 51	1n 0	24 30	1 48	18 22	0 38	26 11	3 50	24 33	0 43	18 2	1 18	13 24	0 16	2 38	2 5	34 28	11 54	23 24	23 26	4 39		n.a.
T 20	23 11	21 7	2 8	24 45	1 51	18 43	0 36	26 15	3 53	24 34	0 43	18 2	1 18	13 24	0 16	2 38	2 5	34 27	11 54	23 24	23 26	4 37		n.a.
F 21	23 17	18 24	3 7	24 59	1 54	19 3	0 33	26 20	3 55	24 34	0 43	18 1	1 17	13 23	0 16	2 38	2 5	34 27	11 54	23 24	23 25	4 34		n.a.
S 22	23 23	14 54	3 57	25 12	1 56	19 23	0 31	26 24	3 58	24 34	0 43	18 0	1 17	13 22	0 16	2 38	2 5	34 27	11 54	23 24	23 25	4 31		n.a.
S 23	23 28	10 52	4 36	25 23	1 57	19 43	0 28	26 28	4 0	24 34	0 43	17 59	1 17	13 22	0 16	2 38	2 5	34 26	11 54	23 24	23 25	4 29		n.a.
M24	23 32	6 27	5 2	25 32	1 59	20 2	0 26	26 33	4 2	24 35	0 44	17 58	1 17	13 21	0 16	2 38	2 5	34 26	11 54	23 24	23 25	4 26		n.a.
T 25	23 36	1 50	5 16	25 39	1 59	20 20	0 23	26 37	4 5	24 35	0 44	17 57	1 17	13 21	0 16	2 38	2 5	34 26	11 54	23 24	23 24	4 23		n.a.
W26	23 40	2n52	5 15	25 45	2 0	20 38	0 21	26 41	4 7	24 35	0 44	17 56	1 17	13 20	0 16	2 37	2 5	34 25	11 53	23 24	23 24	4 21		n.a.
T 27	23 43	7 30	5 2	25 48	2 0	20 56	0 18	26 46	4 9	24 35	0 44	17 55	1 16	13 20	0 16	2 37	2 5	34 25	11 53	23 24	23 24	4 18		n.a.
F 28	23 45	11 56	4 34	25 50	1 59	21 12	0 15	26 50	4 11	24 36	0 44	17 55	1 16	13 19	0 16	2 37	2 5	34 25	11 53	23 24	23 23	4 15		n.a.
S 29	23 48	15 57	3 54	25 50	1 58	21 28	0 13	26 55	4 13	24 36	0 44	17 54	1 16	13 19	0 16	2 37	2 5	34 24	11 53	23 25	23 23	4 13		n.a.
S 30	23 49	19 21	3 1	25 48	1 57	21 44	0 10	26 59	4 15	24 36	0 44	17 53	1 16	13 19	0 16	2 37	2 5	34 24	11 53	23 25	23 23	4 10		n.a.
M31	23s51	21n52	1n57	25s43	1s55	21s59	0n 8	27n 4	4n17	24n36	0n45	17n52	1s16	13n18	0s16	2s37	2s 4	34s24	11s53	23s25	23s23	4s 7		n.a.

Julian Day Number = 1204928.5, Delta T = 09h18m46s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'15, Lahiri = -23°28'15 Julian Calendar 1 Dec. 1415 BCE == Greg. Calendar 18 Nov. 1415 BCE

The year -1414 astronomical counting style corresponds to year 1415 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

JANUARY 1414 BCE (-1413) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 49 56	28♐54'23	11♊ 5	5♉24	9♐43	16°R16	0°R24	23°R54	5°R24	28♓14	17♉58	19♐11	18♐44	7♓53	n.a.	T 1
W 2	5 53 53	29°55'03	24°53	7°13	10°58	15♋56	0♋16	23♉51	5♉22	28°15	18° 0	19°R11	18°41	8° 0	n.a.	W 2
T 3	5 57 49	0♉55'41	9♋ 0	9° 3	12°12	15°35	0° 8	23°47	5°21	28°15	18° 1	19°11	18°38	8° 7	n.a.	T 3
F 4	6 1 46	1°56'18	23°21	10°52	13°27	15°14	0° 0	23°44	5°20	28°16	18° 3	19°10	18°34	8°14	n.a.	F 4
S 5	6 5 43	2°56'54	7♌51	12°42	14°42	14°52	29♊52	23°41	5°19	28°16	18° 5	19° 8	18°31	8°20	n.a.	S 5
S 6	6 9 39	3°57'27	22°24	14°31	15°56	14°30	29°44	23°37	5°18	28°17	18° 6	19° 6	18°28	8°27	n.a.	S 6
M 7	6 13 36	4°58'00	6♍54	16°20	17°11	14° 8	29°36	23°34	5°17	28°17	18° 8	19° 4	18°25	8°34	n.a.	M 7
T 8	6 17 32	5°58'30	21°17	18° 8	18°26	13°45	29°29	23°31	5°16	28°18	18°10	19° 3	18°22	8°40	n.a.	T 8
W 9	6 21 29	6°59'00	5♎29	19°55	19°41	13°22	29°21	23°28	5°15	28°18	18°11	19°D 3	18°19	8°47	n.a.	W 9
T 10	6 25 25	7°59'27	19°27	21°41	20°55	12°59	29°13	23°25	5°14	28°19	18°13	19° 3	18°15	8°54	n.a.	T 10
F 11	6 29 22	8°59'54	3♏12	23°24	22°10	12°35	29° 5	23°23	5°14	28°20	18°15	19° 4	18°12	9° 1	n.a.	F 11
S 12	6 33 18	10° 0'18	16°43	25° 6	23°25	12°11	28°57	23°20	5°13	28°20	18°16	19° 5	18° 9	9° 7	n.a.	S 12
S 13	6 37 15	11° 0'42	0♐ 0	26°45	24°39	11°48	28°50	23°18	5°12	28°21	18°18	19° 7	18° 6	9°14	n.a.	S 13
M14	6 41 12	12° 1'03	13° 5	28°20	25°54	11°24	28°42	23°15	5°12	28°22	18°19	19°R 8	18° 3	9°21	n.a.	M14
T 15	6 45 8	13° 1'23	25°57	29°52	27° 8	11° 0	28°35	23°13	5°11	28°23	18°21	19° 8	18° 0	9°28	n.a.	T 15
W16	6 49 5	14° 1'41	8♑37	1♒19	28°23	10°36	28°27	23°11	5°11	28°24	18°23	19° 6	17°56	9°34	n.a.	W16
T 17	6 53 1	15° 1'57	21° 6	2°41	29°38	10°12	28°20	23° 8	5°10	28°24	18°24	19° 4	17°53	9°41	n.a.	T 17
F 18	6 56 58	16° 2'11	3♒24	3°57	0♑52	9°49	28°13	23° 6	5°10	28°25	18°26	19° 0	17°50	9°48	n.a.	F 18
S 19	7 0 54	17° 2'23	15°32	5° 7	2° 7	9°25	28° 5	23° 5	5° 9	28°26	18°28	18°55	17°47	9°54	n.a.	S 19
S 20	7 4 51	18° 2'33	27°32	6°10	3°21	9° 2	27°58	23° 3	5° 9	28°27	18°29	18°50	17°44	10° 1	n.a.	S 20
M21	7 8 47	19° 2'40	9♓27	7° 6	4°36	8°39	27°51	23° 1	5° 9	28°28	18°31	18°45	17°40	10° 8	n.a.	M21
T 22	7 12 44	20° 2'45	21°18	7°53	5°51	8°17	27°44	22°59	5° 9	28°29	18°33	18°40	17°37	10°15	n.a.	T 22
W23	7 16 41	21° 2'48	3♈11	8°32	7° 5	7°54	27°37	22°58	5° 9	28°30	18°34	18°37	17°34	10°21	n.a.	W23
T 24	7 20 37	22° 2'49	15° 8	9° 3	8°20	7°32	27°31	22°57	5° 9	28°32	18°36	18°35	17°31	10°28	n.a.	T 24
F 25	7 24 34	23° 2'47	27°16	9°24	9°34	7°11	27°24	22°55	5°D 9	28°33	18°38	18°D35	17°28	10°35	n.a.	F 25
S 26	7 28 30	24° 2'43	9♉38	9°36	10°49	6°50	27°18	22°54	5° 9	28°34	18°39	18°36	17°25	10°41	n.a.	S 26
S 27	7 32 27	25° 2'37	22°19	9°R39	12° 3	6°29	27°11	22°53	5° 9	28°35	18°41	18°38	17°21	10°48	n.a.	S 27
M28	7 36 23	26° 2'29	5♊23	9°33	13°18	6° 9	27° 5	22°52	5° 9	28°36	18°43	18°39	17°18	10°55	n.a.	M28
T 29	7 40 20	27° 2'18	18°54	9°18	14°32	5°50	26°59	22°51	5° 9	28°38	18°44	18°R40	17°15	11° 2	n.a.	T 29
W30	7 44 16	28° 2'04	2♋51	8°55	15°46	5°31	26°53	22°51	5° 9	28°39	18°46	18°39	17°12	11° 8	n.a.	W30
T 31	7 48 13	29♉ 1'49	17♋13	8♒25	17♉ 1	5♋13	26♊47	22♉50	5♉ 9	28♓40	18♉48	18♐36	17♐ 9	11♓15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23s51	23n14	0n45	25s37	1s52	22s13	0n 5	27n 8	4n19	24n36	0n45	17n52	1s15	13n18	0s16	2s36	2s 4	34s24	11s53	23s25	23s22	4s 5			n.a.
W 2	23 52	23 14	0s31	25 28	1 49	22 26	0 3	27 12	4 21	24 37	0 45	17 51	1 15	13 17	0 16	2 36	2 4	34 23	11 53	23 25	23 22	4 2			n.a.
T 3	23 51	21 46	1 48	25 17	1 45	22 39	0s 0	27 16	4 22	24 37	0 45	17 50	1 15	13 17	0 16	2 36	2 4	34 23	11 53	23 25	23 22	3 59			n.a.
F 4	23 51	18 53	2 58	25 4	1 40	22 51	0 3	27 21	4 24	24 37	0 45	17 50	1 15	13 17	0 16	2 36	2 4	34 23	11 53	23 25	23 22	3 57			n.a.
S 5	23 50	14 48	3 58	24 49	1 35	23 3	0 5	27 25	4 25	24 37	0 45	17 49	1 15	13 16	0 16	2 36	2 4	34 22	11 53	23 24	23 21	3 54			n.a.
S 6	23 48	9 51	4 42	24 32	1 29	23 14	0 8	27 28	4 27	24 37	0 45	17 48	1 15	13 16	0 16	2 35	2 4	34 22	11 53	23 24	23 21	3 51			n.a.
M 7	23 46	4 22	5 9	24 12	1 22	23 24	0 10	27 32	4 28	24 37	0 46	17 48	1 14	13 16	0 16	2 35	2 4	34 22	11 53	23 24	23 21	3 49			n.a.
T 8	23 43	1s18	5 16	23 51	1 15	23 33	0 13	27 36	4 29	24 37	0 46	17 47	1 14	13 15	0 16	2 35	2 4	34 22	11 53	23 24	23 20	3 46			n.a.
W 9	23 40	6 50	5 3	23 27	1 7	23 42	0 15	27 40	4 30	24 37	0 46	17 47	1 14	13 15	0 16	2 34	2 4	34 21	11 53	23 24	23 20	3 43			n.a.
T 10	23 37	11 56	4 33	23 2	0 58	23 50	0 17	27 43	4 32	24 37	0 46	17 46	1 14	13 15	0 16	2 34	2 4	34 21	11 53	23 24	23 20	3 41			n.a.
F 11	23 33	16 20	3 47	22 35	0 48	23 57	0 20	27 46	4 32	24 38	0 46	17 46	1 14	13 15	0 16	2 34	2 4	34 21	11 53	23 24	23 20	3 38			n.a.
S 12	23 29	19 49	2 49	22 6	0 37	24 4	0 22	27 49	4 33	24 38	0 46	17 45	1 13	13 14	0 16	2 33	2 4	34 21	11 53	23 24	23 19	3 35			n.a.
S 13	23 24	22 11	1 43	21 36	0 26	24 10	0 25	27 52	4 34	24 38	0 46	17 45	1 13	13 14	0 16	2 33	2 4	34 20	11 53	23 24	23 19	3 33			n.a.
M14	23 18	23 19	0 33	21 5	0 14	24 15	0 27	27 55	4 35	24 38	0 46	17 44	1 13	13 14	0 16	2 33	2 3	34 20	11 53	23 24	23 19	3 30			n.a.
T 15	23 13	23 10	0n37	20 33	0 1	24 19	0 29	27 58	4 35	24 38	0 46	17 44	1 13	13 14	0 16	2 32	2 3	34 20	11 53	23 24	23 18	3 27			n.a.
W16	23 6	21 50	1 45	20 1	0n12	24 23	0 32	28 0	4 35	24 38	0 47	17 44	1 12	13 14	0 16	2 32	2 3	34 20	11 53	23 24	23 18	3 25			n.a.
T 17	23 0	19 26	2 47	19 29	0 26	24 25	0 34	28 2	4 36	24 38	0 47	17 43	1 12	13 14	0 16	2 31	2 3	34 19	11 53	23 24	23 18	3 22			n.a.
F 18	22 53	16 11	3 39	18 57	0 41	24 27	0 36	28 4	4 36	24 38	0 47	17 43	1 12	13 13	0 16	2 31	2 3	34 19	11 53	23 24	23 18	3 19			n.a.
S 19	22 45	12 18	4 21	18 25	0 56	24 29	0 38	28 6	4 36	24 38	0 47	17 43	1 12	13 13	0 16	2 30	2 3	34 19	11 53	23 23	23 17	3 17			n.a.
S 20	22 37	7 59	4 51	17 55	1 11	24 29	0 40	28 8	4 36	24 38	0 47	17 42	1 12	13 13	0 16	2 30	2 3	34 19	11 53	23 23	23 17	3 14			n.a.
M21	22 29	3 25	5 8	17 26	1 27	24 29	0 42	28 9	4 36	24 38	0 47	17 42	1 11	13 13	0 16	2 30	2 3	34 19	11 53	23 22	23 17	3 11			n.a.
T 22	22 20	1n15	5 12	16 58	1 42	24 28	0 45	28 10	4 35	24 38	0 47	17 42	1 11	13 13	0 16	2 29	2 3	34 18	11 53	23 22	23 16	3 9			n.a.
W23	22 11	5 54	5 2	16 33	1 58	24 26	0 47	28 12	4 35	24 37	0 47	17 42	1 11	13 13	0 16	2 29	2 3	34 18	11 53	23 22	23 16	3 6			n.a.
T 24	22 1	10 21	4 39	16 10	2 13	24 24	0 49	28 12	4 34	24 37	0 47	17 42	1 11	13 13	0 16	2 28	2 3	34 18	11 53	23 22	23 16	3 3			n.a.
F 25	21 51	14 28	4 4	15 50	2 28	24 21	0 50	28 13	4 34	24 37	0 47	17 42	1 11	13 13	0 16	2 28	2 3	34 18	11 53	23 22	23 15	3 1			n.a.
S 26	21 41	18 3	3 17	15 33	2 42	24 17	0 52	28 14	4 33	24 37	0 47	17 41	1 10	13 13	0 16	2 27	2 3	34 18	11 53	23 22	23 15	2 58			n.a.
S 27	21 30	20 54	2 19	15 20	2 56	24 12	0 54	28 14	4 32	24 37	0 47	17 41	1 10	13 13	0 16	2 26	2 3	34 17	11 53	23 22	23 15	2 55			n.a.
M28	21 19	22 45	1 12	15 9	3 8	24 7	0 56	28 14	4 31	24 37	0 47	17 41	1 10	13 13	0 16	2 26	2 3	34 17	11 53	23 22	23 15	2 53			n.a.
T 29	21 7	23 22	0s 1	15 2	3 20	24 1	0 58	28 14	4 30	24 37	0 47	17 41	1 10	13 13	0 16	2 25	2 2	34 17	11 53	23 22	23 14	2 50			n.a.
W30	20 55	22 33	1 16	14 59	3 30	23 54	1 0	28 14	4 29	24 37	0 48	17 41	1 9	13 14	0 16	2 25	2 2	34 17	11 54	23 22	23 14	2 47			n.a.
T 31	20s43	20n16	2s29	14s58	3n38	23s46	1s 1	28n13	4n28	24n37	0n48	17n41	1s 9	13n14	0s15	2s24	2s 2	34s17	11s54	23s22	23s14	2s45			n.a.

Julian Day Number = 1204959.5, Delta T = 09h18m44s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'11, Lahiri = -23°28'11 Julian Calendar 1 Jan. 1414 BCE == Greg. Calendar 19 Dec. 1415 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

FEBRUARY 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 52 10	0♒ 1'31	1♌56	7°R47	18♑15	4°R55	26°R42	22°R50	5♉10	28♓41	18♑49	18°R32	17♐ 6	11♓22	n.a.	F 1
S 2	7 56 6	1° 1'11	16°53	7♒ 3	19°30	4♋38	26♊36	22♉49	5°10	28°43	18°51	18♐26	17° 2	11°29	n.a.	S 2
S 3	8 0 3	2° 0'49	1♍54	6°15	20°44	4°22	26°31	22°49	5°11	28°44	18°53	18°19	16°59	11°35	n.a.	S 3
M 4	8 3 59	3° 0'25	16°50	5°23	21°59	4° 7	26°26	22°49	5°11	28°46	18°54	18°13	16°56	11°42	n.a.	M 4
T 5	8 7 56	3°59'59	1♎33	4°28	23°13	3°52	26°21	22°D49	5°12	28°47	18°56	18° 7	16°53	11°49	n.a.	T 5
W 6	8 11 52	4°59'30	15°58	3°32	24°27	3°38	26°16	22°49	5°12	28°49	18°58	18° 4	16°50	11°55	n.a.	W 6
T 7	8 15 49	5°59'01	0♏ 1	2°36	25°42	3°24	26°11	22°49	5°13	28°50	18°59	18°D 2	16°46	12° 2	n.a.	T 7
F 8	8 19 45	6°58'29	13°42	1°40	26°56	3°12	26° 6	22°49	5°14	28°52	19° 1	18° 2	16°43	12° 9	n.a.	F 8
S 9	8 23 42	7°57'55	27° 2	0°48	28°10	3° 0	26° 2	22°50	5°15	28°53	19° 2	18° 3	16°40	12°16	n.a.	S 9
S 10	8 27 38	8°57'20	10♐ 3	29♑58	29°25	2°49	25°58	22°50	5°15	28°55	19° 4	18° 4	16°37	12°22	n.a.	S 10
M11	8 31 35	9°56'42	22°49	29°12	0♒39	2°38	25°54	22°51	5°16	28°56	19° 6	18°R 4	16°34	12°29	n.a.	M11
T 12	8 35 32	10°56'03	5♑22	28°30	1°53	2°29	25°50	22°52	5°17	28°58	19° 7	18° 3	16°31	12°36	n.a.	T 12
W13	8 39 28	11°55'21	17°45	27°54	3° 8	2°20	25°46	22°52	5°18	28°59	19° 9	17°59	16°27	12°43	n.a.	W13
T 14	8 43 25	12°54'38	29°58	27°23	4°22	2°12	25°43	22°53	5°19	29° 1	19°10	17°52	16°24	12°49	n.a.	T 14
F 15	8 47 21	13°53'52	12♒ 5	26°58	5°36	2° 5	25°39	22°54	5°20	29° 3	19°12	17°43	16°21	12°56	n.a.	F 15
S 16	8 51 18	14°53'04	24° 6	26°39	6°51	1°58	25°36	22°56	5°21	29° 5	19°13	17°33	16°18	13° 3	n.a.	S 16
S 17	8 55 14	15°52'14	6♓ 1	26°26	8° 5	1°53	25°33	22°57	5°23	29° 6	19°15	17°21	16°15	13° 9	n.a.	S 17
M18	8 59 11	16°51'21	17°54	26°18	9°19	1°48	25°30	22°58	5°24	29° 8	19°16	17°10	16°12	13°16	n.a.	M18
T 19	9 3 7	17°50'26	29°45	26°D16	10°33	1°44	25°28	23° 0	5°25	29°10	19°18	17° 0	16° 8	13°23	n.a.	T 19
W20	9 7 4	18°49'29	11♈38	26°20	11°48	1°41	25°25	23° 1	5°26	29°12	19°19	16°51	16° 5	13°30	n.a.	W20
T 21	9 11 0	19°48'29	23°35	26°29	13° 2	1°38	25°23	23° 3	5°28	29°13	19°21	16°46	16° 2	13°36	n.a.	T 21
F 22	9 14 57	20°47'27	5♉40	26°44	14°16	1°37	25°21	23° 5	5°29	29°15	19°22	16°42	15°59	13°43	n.a.	F 22
S 23	9 18 54	21°46'23	17°58	27° 3	15°30	1°36	25°19	23° 7	5°31	29°17	19°24	16°D41	15°56	13°50	n.a.	S 23
S 24	9 22 50	22°45'16	0♊34	27°27	16°44	1°D36	25°17	23° 9	5°32	29°19	19°25	16°41	15°52	13°57	n.a.	S 24
M25	9 26 47	23°44'06	13°33	27°55	17°59	1°36	25°16	23°11	5°34	29°21	19°27	16°R42	15°49	14° 3	n.a.	M25
T 26	9 30 43	24°42'55	26°58	28°28	19°13	1°38	25°14	23°13	5°35	29°23	19°28	16°41	15°46	14°10	n.a.	T 26
W27	9 34 40	25°41'41	10♋52	29° 5	20°27	1°40	25°13	23°16	5°37	29°25	19°29	16°39	15°43	14°17	n.a.	W27
T 28	9 38 36	26♒40'24	25♋15	29♑46	21♒41	1♋43	25♊12	23♉18	5♉39	29♓27	19♑31	16♐34	15♐40	14♓23	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s30	16n37	3s33	15s 2	3n45	23s38	1s 3	28n13	4n27	24n37	0n48	17n42	1s 9	13n14	0s15	2s24	2s 2	34s16	11s54	23s21	23s13	2s42		n.a.
S 2	20 17	11 52	4 23	15 8	3 50	23 29	1 4	28 12	4 26	24 37	0 48	17 42	1 9	13 14	0 15	2 23	2 2	34 16	11 54	23 21	23 13	2 39		n.a.
S 3	20 4	6 23	4 56	15 17	3 52	23 19	1 6	28 11	4 24	24 37	0 48	17 42	1 9	13 14	0 15	2 22	2 2	34 16	11 54	23 20	23 13	2 37		n.a.
M 4	19 50	0 34	5 8	15 29	3 53	23 8	1 7	28 11	4 23	24 36	0 48	17 42	1 8	13 14	0 15	2 22	2 2	34 16	11 54	23 20	23 12	2 34		n.a.
T 5	19 36	5s12	5 0	15 43	3 52	22 57	1 9	28 10	4 21	24 36	0 48	17 42	1 8	13 15	0 15	2 21	2 2	34 16	11 54	23 19	23 12	2 32		n.a.
W 6	19 21	10 34	4 33	15 59	3 49	22 45	1 10	28 8	4 20	24 36	0 48	17 42	1 8	13 15	0 15	2 21	2 2	34 16	11 54	23 19	23 12	2 29		n.a.
T 7	19 6	15 15	3 50	16 17	3 44	22 33	1 11	28 7	4 18	24 36	0 48	17 43	1 8	13 15	0 15	2 20	2 2	34 16	11 54	23 19	23 11	2 26		n.a.
F 8	18 51	19 0	2 54	16 36	3 38	22 20	1 13	28 6	4 17	24 36	0 48	17 43	1 7	13 15	0 15	2 19	2 2	34 15	11 54	23 19	23 11	2 24		n.a.
S 9	18 36	21 38	1 51	16 56	3 29	22 6	1 14	28 4	4 15	24 36	0 48	17 43	1 7	13 16	0 15	2 19	2 2	34 15	11 55	23 19	23 11	2 21		n.a.
S 10	18 20	23 4	0 43	17 16	3 20	21 51	1 15	28 3	4 13	24 36	0 48	17 44	1 7	13 16	0 15	2 18	2 2	34 15	11 55	23 19	23 10	2 18		n.a.
M11	18 4	23 14	0n26	17 36	3 9	21 36	1 16	28 1	4 11	24 36	0 48	17 44	1 7	13 16	0 15	2 17	2 2	34 15	11 55	23 19	23 10	2 16		n.a.
T 12	17 48	22 13	1 32	17 56	2 57	21 20	1 17	28 0	4 10	24 36	0 48	17 44	1 7	13 16	0 15	2 16	2 2	34 15	11 55	23 19	23 10	2 13		n.a.
W13	17 31	20 9	2 32	18 16	2 44	21 4	1 18	27 58	4 8	24 35	0 48	17 45	1 6	13 17	0 15	2 16	2 2	34 15	11 55	23 18	23 9	2 10		n.a.
T 14	17 14	17 11	3 25	18 36	2 30	20 47	1 19	27 56	4 6	24 35	0 48	17 45	1 6	13 17	0 15	2 15	2 2	34 15	11 55	23 18	23 9	2 8		n.a.
F 15	16 57	13 31	4 8	18 54	2 16	20 29	1 20	27 54	4 4	24 35	0 48	17 46	1 6	13 18	0 15	2 14	2 2	34 15	11 56	23 17	23 9	2 5		n.a.
S 16	16 39	9 20	4 39	19 12	2 2	20 11	1 21	27 53	4 2	24 35	0 48	17 46	1 6	13 18	0 15	2 14	2 2	34 15	11 56	23 16	23 8	2 2		n.a.
S 17	16 22	4 51	4 58	19 29	1 47	19 52	1 21	27 51	4 0	24 35	0 48	17 47	1 5	13 18	0 15	2 13	2 1	34 15	11 56	23 15	23 8	2 0		n.a.
M18	16 3	0 13	5 4	19 45	1 33	19 33	1 22	27 49	3 58	24 35	0 48	17 47	1 5	13 19	0 15	2 12	2 1	34 15	11 56	23 14	23 8	1 57		n.a.
T 19	15 45	4n25	4 56	19 59	1 18	19 13	1 23	27 47	3 56	24 35	0 48	17 48	1 5	13 19	0 15	2 11	2 1	34 14	11 56	23 13	23 7	1 55		n.a.
W20	15 27	8 54	4 36	20 13	1 4	18 53	1 23	27 45	3 54	24 35	0 48	17 49	1 5	13 20	0 15	2 11	2 1	34 14	11 56	23 12	23 7	1 52		n.a.
T 21	15 8	13 4	4 4	20 25	0 50	18 32	1 24	27 43	3 52	24 35	0 48	17 49	1 5	13 20	0 15	2 10	2 1	34 14	11 57	23 11	23 7	1 49		n.a.
F 22	14 49	16 47	3 20	20 36	0 36	18 10	1 24	27 41	3 50	24 35	0 48	17 50	1 4	13 21	0 15	2 9	2 1	34 14	11 57	23 11	23 6	1 47		n.a.
S 23	14 30	19 50	2 27	20 45	0 22	17 49	1 24	27 39	3 48	24 34	0 48	17 51	1 4	13 21	0 15	2 8	2 1	34 14	11 57	23 11	23 6	1 44		n.a.
S 24	14 10	22 1	1 25	20 53	0 9	17 26	1 25	27 36	3 45	24 34	0 48	17 51	1 4	13 22	0 15	2 7	2 1	34 14	11 57	23 11	23 6	1 41		n.a.
M25	13 51	23 6	0 17	21 0	0s 4	17 3	1 25	27 34	3 43	24 34	0 48	17 52	1 4	13 22	0 15	2 7	2 1	34 14	11 57	23 11	23 5	1 39		n.a.
T 26	13 31	22 55	0s54	21 5	0 16	16 40	1 25	27 32	3 41	24 34	0 48	17 53	1 4	13 23	0 15	2 6	2 1	34 14	11 58	23 11	23 5	1 36		n.a.
W27	13 11	21 20	2 5	21 9	0 27	16 16	1 25	27 30	3 39	24 34	0 48	17 54	1 3	13 24	0 15	2 5	2 1	34 14	11 58	23 11	23 5	1 33		n.a.
T 28	12s50	18n21	3s 9	21s11	0s39	15s52	1s25	27n28	3n37	24n34	0n48	17n54	1s 3	13n24	0s15	2s 4	2s 1	34s14	11s58	23s10	23s 4	1s31		n.a.

Julian Day Number = 1204990.5, Delta T = 09h18m42s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'07, Lahiri = -23°28'06 Julian Calendar 1 Feb. 1414 BCE == Greg. Calendar 19 Jan. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

MARCH 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 42 33	27♒39'05	10♌ 5	0♒31	22♒55	1♋46	25°R12	23♉21	5♉41	29♓29	19♑32	16°R27	15♐37	14♓30	n.a.	F 1
S 2	9 46 29	28°37'44	25°13	1°19	24° 9	1°50	25♊11	23°23	5°42	29°31	19°34	16♐18	15°33	14°37	n.a.	S 2
S 3	9 50 26	29°36'21	10♍31	2°10	25°23	1°55	25°11	23°26	5°44	29°33	19°35	16° 8	15°30	14°44	n.a.	S 3
M 4	9 54 22	0♓34'55	25°47	3° 4	26°37	2° 1	25°10	23°29	5°46	29°35	19°36	15°57	15°27	14°50	n.a.	M 4
T 5	9 58 19	1°33'28	10♎49	4° 2	27°51	2° 7	25°D10	23°32	5°48	29°37	19°38	15°49	15°24	14°57	n.a.	T 5
W 6	10 2 16	2°31'59	25°31	5° 2	29° 5	2°14	25°11	23°35	5°50	29°39	19°39	15°42	15°21	15° 4	n.a.	W 6
T 7	10 6 12	3°30'28	9♏46	6° 5	0♓20	2°21	25°11	23°38	5°52	29°41	19°40	15°38	15°17	15°10	n.a.	T 7
F 8	10 10 9	4°28'56	23°33	7°11	1°34	2°29	25°12	23°42	5°54	29°43	19°41	15°36	15°14	15°17	n.a.	F 8
S 9	10 14 5	5°27'21	6♐54	8°19	2°48	2°38	25°12	23°45	5°56	29°45	19°43	15°D36	15°11	15°24	n.a.	S 9
S 10	10 18 2	6°25'45	19°52	9°30	4° 2	2°47	25°13	23°48	5°58	29°47	19°44	15°R36	15° 8	15°31	n.a.	S 10
M11	10 21 58	7°24'08	2♑30	10°43	5°16	2°57	25°14	23°52	6° 1	29°49	19°45	15°35	15° 5	15°37	n.a.	M11
T 12	10 25 55	8°22'28	14°52	11°58	6°30	3° 8	25°16	23°56	6° 3	29°51	19°46	15°32	15° 2	15°44	n.a.	T 12
W13	10 29 51	9°20'47	27° 4	13°15	7°44	3°19	25°17	23°59	6° 5	29°53	19°48	15°27	14°58	15°51	n.a.	W13
T 14	10 33 48	10°19'04	9♒ 7	14°35	8°58	3°30	25°19	24° 3	6° 7	29°55	19°49	15°18	14°55	15°58	n.a.	T 14
F 15	10 37 45	11°17'19	21° 5	15°57	10°12	3°42	25°21	24° 7	6°10	29°58	19°50	15° 7	14°52	16° 4	n.a.	F 15
S 16	10 41 41	12°15'32	2♓59	17°20	11°26	3°55	25°23	24°11	6°12	29°59	19°51	14°54	14°49	16°11	n.a.	S 16
S 17	10 45 38	13°13'43	14°52	18°46	12°40	4° 8	25°25	24°15	6°15	0♈ 2	19°52	14°40	14°46	16°18	n.a.	S 17
M18	10 49 34	14°11'53	26°44	20°14	13°54	4°22	25°27	24°19	6°17	0° 4	19°53	14°25	14°43	16°24	n.a.	M18
T 19	10 53 31	15°10'00	8♈36	21°43	15° 7	4°36	25°30	24°24	6°19	0° 6	19°54	14°12	14°39	16°31	n.a.	T 19
W20	10 57 27	16° 8'06	20°32	23°15	16°21	4°51	25°32	24°28	6°22	0° 8	19°55	14° 2	14°36	16°38	n.a.	W20
T 21	11 1 24	17° 6'09	2♉32	24°48	17°35	5° 6	25°35	24°32	6°25	0°11	19°56	13°54	14°33	16°45	n.a.	T 21
F 22	11 5 20	18° 4'11	14°40	26°23	18°49	5°22	25°38	24°37	6°27	0°13	19°57	13°49	14°30	16°51	n.a.	F 22
S 23	11 9 17	19° 2'11	26°59	28° 0	20° 3	5°39	25°42	24°41	6°30	0°15	19°58	13°46	14°27	16°58	n.a.	S 23
S 24	11 13 13	20° 0'09	9♊34	29°39	21°17	5°55	25°45	24°46	6°33	0°17	19°59	13°45	14°23	17° 5	n.a.	S 24
M25	11 17 10	20°58'04	22°29	1♓20	22°31	6°12	25°49	24°51	6°35	0°20	20° 0	13°45	14°20	17°12	n.a.	M25
T 26	11 21 7	21°55'58	5♋47	3° 3	23°45	6°30	25°53	24°56	6°38	0°22	20° 1	13°45	14°17	17°18	n.a.	T 26
W27	11 25 3	22°53'50	19°33	4°48	24°59	6°48	25°56	25° 1	6°41	0°24	20° 2	13°43	14°14	17°25	n.a.	W27
T 28	11 29 0	23°51'39	3♌48	6°34	26°12	7° 6	26° 1	25° 6	6°44	0°26	20° 3	13°38	14°11	17°32	n.a.	T 28
F 29	11 32 56	24°49'27	18°30	8°22	27°26	7°25	26° 5	25°11	6°46	0°29	20° 4	13°31	14° 8	17°38	n.a.	F 29
S 30	11 36 53	25°47'13	3♍33	10°13	28°40	7°45	26° 9	25°16	6°49	0°31	20° 5	13°22	14° 4	17°45	n.a.	S 30
S 31	11 40 49	26♓44'57	18♍50	12♓ 5	29♓54	8♋ 4	26♊14	25♉21	6♉52	0♈33	20♑ 5	13♐12	14♐ 1	17♓52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s30	14n 7	4s 3	21s12	0s49	15s27	1s25	27n26	3n35	24n34	0n48	17n55	1s 3	13n25	0s15	2s 3	2s 1	34s14	11s58	23s 9	23s 4	1s28		n.a.
S 2	12 9	8 56	4 42	21 11	1 0	15 2	1 25	27 24	3 33	24 34	0 48	17 56	1 3	13 25	0 15	2 2	2 1	34 14	11 58	23 9	23 4	1 26		n.a.
S 3	11 49	3 8	5 0	21 9	1 9	14 37	1 25	27 21	3 31	24 34	0 48	17 57	1 3	13 26	0 15	2 2	2 1	34 14	11 59	23 7	23 3	1 23		n.a.
M 4	11 28	2s49	4 57	21 5	1 18	14 11	1 25	27 19	3 29	24 34	0 48	17 58	1 2	13 27	0 15	2 1	2 1	34 14	11 59	23 6	23 3	1 20		n.a.
T 5	11 6	8 32	4 34	21 0	1 27	13 45	1 24	27 17	3 27	24 34	0 48	17 59	1 2	13 27	0 15	2 0	2 1	34 14	11 59	23 5	23 3	1 18		n.a.
W 6	10 45	13 38	3 52	20 53	1 35	13 18	1 24	27 15	3 24	24 34	0 48	18 0	1 2	13 28	0 15	1 59	2 1	34 14	11 59	23 5	23 2	1 15		n.a.
T 7	10 24	17 48	2 57	20 44	1 42	12 51	1 24	27 13	3 22	24 34	0 48	18 1	1 2	13 29	0 15	1 58	2 1	34 14	12 0	23 4	23 2	1 12		n.a.
F 8	10 2	20 49	1 54	20 34	1 49	12 24	1 23	27 11	3 20	24 34	0 48	18 2	1 2	13 29	0 15	1 57	2 1	34 14	12 0	23 4	23 2	1 10		n.a.
S 9	9 40	22 36	0 46	20 22	1 56	11 56	1 23	27 8	3 18	24 34	0 48	18 3	1 1	13 30	0 15	1 56	2 1	34 14	12 0	23 4	23 1	1 7		n.a.
S 10	9 19	23 5	0n23	20 8	2 2	11 28	1 22	27 6	3 16	24 34	0 48	18 4	1 1	13 31	0 15	1 56	2 1	34 14	12 0	23 4	23 1	1 5		n.a.
M11	8 57	22 22	1 28	19 53	2 7	11 0	1 21	27 4	3 14	24 34	0 48	18 5	1 1	13 32	0 15	1 55	2 1	34 14	12 1	23 4	23 1	1 2		n.a.
T 12	8 34	20 34	2 28	19 36	2 12	10 32	1 21	27 1	3 12	24 34	0 48	18 6	1 1	13 32	0 15	1 54	2 1	34 15	12 1	23 4	23 0	0 59		n.a.
W13	8 12	17 50	3 20	19 18	2 16	10 3	1 20	26 59	3 10	24 34	0 48	18 7	1 1	13 33	0 15	1 53	2 1	34 15	12 1	23 3	23 0	0 57		n.a.
T 14	7 50	14 23	4 3	18 58	2 19	9 34	1 19	26 57	3 8	24 34	0 48	18 9	1 0	13 34	0 15	1 52	2 1	34 15	12 1	23 2	22 59	0 54		n.a.
F 15	7 27	10 24	4 34	18 36	2 23	9 5	1 18	26 55	3 6	24 34	0 47	18 10	1 0	13 35	0 15	1 51	2 1	34 15	12 2	23 1	22 59	0 51		n.a.
S 16	7 5	6 2	4 53	18 12	2 25	8 35	1 17	26 52	3 4	24 34	0 47	18 11	1 0	13 36	0 15	1 50	2 1	34 15	12 2	22 59	22 59	0 49		n.a.
S 17	6 42	1 28	4 59	17 47	2 27	8 6	1 16	26 50	3 2	24 34	0 47	18 12	1 0	13 37	0 15	1 49	2 1	34 15	12 2	22 58	22 58	0 46		n.a.
M18	6 19	3n 8	4 53	17 20	2 28	7 36	1 15	26 47	3 0	24 34	0 47	18 13	1 0	13 37	0 14	1 49	2 0	34 15	12 2	22 56	22 58	0 44		n.a.
T 19	5 57	7 38	4 33	16 52	2 29	7 6	1 14	26 45	2 58	24 34	0 47	18 15	0 59	13 38	0 14	1 48	2 0	34 15	12 3	22 54	22 58	0 41		n.a.
W20	5 34	11 52	4 2	16 21	2 30	6 35	1 13	26 42	2 56	24 34	0 47	18 16	0 59	13 39	0 14	1 47	2 0	34 15	12 3	22 53	22 57	0 38		n.a.
T 21	5 11	15 40	3 19	15 49	2 29	6 5	1 12	26 40	2 54	24 34	0 47	18 17	0 59	13 40	0 14	1 46	2 0	34 15	12 3	22 52	22 57	0 36		n.a.
F 22	4 48	18 52	2 27	15 16	2 28	5 34	1 10	26 37	2 53	24 35	0 47	18 18	0 59	13 41	0 14	1 45	2 0	34 15	12 4	22 52	22 57	0 33		n.a.
S 23	4 25	21 15	1 27	14 40	2 27	5 4	1 9	26 35	2 51	24 35	0 47	18 20	0 59	13 42	0 14	1 44	2 0	34 16	12 4	22 51	22 56	0 31		n.a.
S 24	4 2	22 38	0 22	14 3	2 25	4 33	1 8	26 32	2 49	24 35	0 47	18 21	0 58	13 43	0 14	1 43	2 0	34 16	12 4	22 51	22 56	0 28		n.a.
M25	3 38	22 53	0s46	13 24	2 23	4 2	1 6	26 30	2 47	24 35	0 47	18 22	0 58	13 44	0 14	1 42	2 0	34 16	12 5	22 51	22 55	0 25		n.a.
T 26	3 15	21 50	1 54	12 44	2 20	3 31	1 5	26 27	2 45	24 35	0 47	18 24	0 58	13 45	0 14	1 41	2 0	34 16	12 5	22 51	22 55	0 23		n.a.
W27	2 52	19 29	2 57	12 1	2 16	2 59	1 3	26 24	2 43	24 35	0 47	18 25	0 58	13 45	0 14	1 40	2 0	34 16	12 5	22 51	22 55	0 20		n.a.
T 28	2 29	15 53	3 52	11 17	2 12	2 28	1 1	26 21	2 42	24 35	0 47	18 27	0 58	13 46	0 14	1 39	2 0	34 16	12 5	22 50	22 54	0 18		n.a.
F 29	2 5	11 13	4 33	10 32	2 7	1 57	1 0	26 18	2 40	24 35	0 47	18 28	0 58	13 47	0 14	1 39	2 0	34 16	12 6	22 49	22 54	0 15		n.a.
S 30	1 42	5 47	4 57	9 45	2 2	1 26	0 58	26 15	2 38	24 35	0 47	18 29	0 57	13 48	0 14	1 38	2 0	34 17	12 6	22 48	22 53	0 12		n.a.
S 31	1s19	0s 6	5s 0	8s56	1s56	0s54	0s56	26n12	2n36	24n35	0n47	18n31	0s57	13n49	0s14	1s37	2s 0	34s17	12s 6	22s47	22s53	0s10		n.a.

Julian Day Number = 1205018.5, Delta T = 09h18m41s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°35'03, Lahiri = -23°28'03 Julian Calendar 1 March 1414 BCE == Greg. Calendar 16 Feb. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

APRIL 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 44 46	27♓42'40	4♎10	13♓59	1♈ 8	8♋24	26♊19	25♉26	6♉55	0♈35	20♑ 6	13°R 2	13♐58	17♓59	n.a.	M 1
T 2	11 48 42	28°40'21	19°20	15°54	2°21	8°45	26°23	25°32	6°58	0°37	20° 7	12♐53	13°55	18° 5	n.a.	T 2
W 3	11 52 39	29°38'01	4♏11	17°52	3°35	9° 6	26°29	25°37	7° 1	0°40	20° 8	12°46	13°52	18°12	n.a.	W 3
T 4	11 56 35	0♈35'39	18°37	19°51	4°49	9°27	26°34	25°43	7° 4	0°42	20° 9	12°42	13°48	18°19	n.a.	T 4
F 5	12 0 32	1°33'16	2♐33	21°53	6° 3	9°48	26°39	25°48	7° 7	0°44	20° 9	12°40	13°45	18°25	n.a.	F 5
S 6	12 4 29	2°30'52	16° 1	23°55	7°16	10°10	26°45	25°54	7°10	0°46	20°10	12°D39	13°42	18°32	n.a.	S 6
S 7	12 8 25	3°28'27	29° 2	26° 0	8°30	10°32	26°50	26° 0	7°13	0°49	20°11	12°R40	13°39	18°39	n.a.	S 7
M 8	12 12 22	4°26'01	11♑41	28° 6	9°44	10°55	26°56	26° 6	7°16	0°51	20°11	12°40	13°36	18°46	n.a.	M 8
T 9	12 16 18	5°23'34	24° 2	0♈13	10°57	11°18	27° 2	26°11	7°19	0°53	20°12	12°38	13°33	18°52	n.a.	T 9
W10	12 20 15	6°21'05	6♒10	2°22	12°11	11°41	27° 8	26°17	7°23	0°55	20°12	12°34	13°29	18°59	n.a.	W10
T 11	12 24 11	7°18'36	18° 9	4°31	13°25	12° 4	27°14	26°23	7°26	0°58	20°13	12°28	13°26	19° 6	n.a.	T 11
F 12	12 28 8	8°16'05	0♓ 3	6°41	14°39	12°28	27°21	26°29	7°29	1° 0	20°14	12°19	13°23	19°13	n.a.	F 12
S 13	12 32 4	9°13'34	11°54	8°52	15°52	12°52	27°27	26°35	7°32	1° 2	20°14	12° 8	13°20	19°19	n.a.	S 13
S 14	12 36 1	10°11'01	23°46	11° 4	17° 6	13°17	27°34	26°42	7°35	1° 4	20°15	11°57	13°17	19°26	n.a.	S 14
M15	12 39 58	11° 8'27	5♈40	13°15	18°20	13°42	27°41	26°48	7°39	1° 7	20°15	11°45	13°14	19°33	n.a.	M15
T 16	12 43 54	12° 5'52	17°37	15°26	19°33	14° 7	27°48	26°54	7°42	1° 9	20°16	11°35	13°10	19°39	n.a.	T 16
W17	12 47 51	13° 3'15	29°39	17°37	20°47	14°32	27°55	27° 0	7°45	1°11	20°16	11°26	13° 7	19°46	n.a.	W17
T 18	12 51 47	14° 0'38	11♉47	19°47	22° 1	14°58	28° 2	27° 7	7°49	1°13	20°16	11°20	13° 4	19°53	n.a.	T 18
F 19	12 55 44	14°58'00	24° 4	21°56	23°14	15°23	28° 9	27°13	7°52	1°15	20°17	11°16	13° 1	20° 0	n.a.	F 19
S 20	12 59 40	15°55'20	6♊32	24° 3	24°28	15°50	28°17	27°20	7°55	1°18	20°17	11°D14	12°58	20° 6	n.a.	S 20
S 21	13 3 37	16°52'39	19°14	26°10	25°41	16°16	28°24	27°26	7°59	1°20	20°17	11°15	12°54	20°13	n.a.	S 21
M22	13 7 33	17°49'57	2♋12	28°14	26°55	16°43	28°32	27°33	8° 2	1°22	20°18	11°15	12°51	20°20	n.a.	M22
T 23	13 11 30	18°47'14	15°30	0♉17	28° 9	17°10	28°40	27°40	8° 6	1°24	20°18	11°R16	12°48	20°27	n.a.	T 23
W24	13 15 27	19°44'29	29°10	2°17	29°22	17°37	28°48	27°46	8° 9	1°26	20°18	11°16	12°45	20°33	n.a.	W24
T 25	13 19 23	20°41'43	13♌15	4°16	0♉36	18° 4	28°56	27°53	8°12	1°29	20°19	11°14	12°42	20°40	n.a.	T 25
F 26	13 23 20	21°38'56	27°42	6°12	1°49	18°32	29° 4	28° 0	8°16	1°31	20°19	11°10	12°39	20°47	n.a.	F 26
S 27	13 27 16	22°36'08	12♍30	8° 6	3° 3	19° 0	29°12	28° 7	8°19	1°33	20°19	11° 4	12°35	20°53	n.a.	S 27
S 28	13 31 13	23°33'19	27°31	9°58	4°16	19°28	29°21	28°14	8°23	1°35	20°19	10°57	12°32	21° 0	n.a.	S 28
M29	13 35 9	24°30'29	12♎38	11°47	5°30	19°56	29°29	28°20	8°26	1°37	20°19	10°50	12°29	21° 7	n.a.	M29
T 30	13 39 6	25♈27'38	27♎39	13♉33	6♉43	20♋25	29♊38	28♉27	8♉30	1♈39	20♑19	10♐44	12♐26	21♓14	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s56	5s58	4s41	8s 5	1s50	0s23	0s55	26n 9	2n34	24n35	0n47	18n32	0s57	13n50	0s14	1s36	2s 0	34s17	12s 7	22s46	22s53	0s 7		n.a.
T 2	0 32	11 26	4 3	7 14	1 43	0n 9	0 53	26 6	2 33	24 36	0 47	18 34	0 57	13 51	0 14	1 35	2 0	34 17	12 7	22 45	22 52	0 5		n.a.
W 3	0 9	16 5	3 9	6 20	1 35	0 40	0 51	26 3	2 31	24 36	0 47	18 35	0 57	13 52	0 14	1 34	2 0	34 17	12 7	22 44	22 52	0 2		n.a.
T 4	0n14	19 39	2 4	5 25	1 27	1 12	0 49	26 0	2 29	24 36	0 47	18 37	0 56	13 53	0 14	1 33	2 0	34 18	12 8	22 43	22 52	0n 1		n.a.
F 5	0 38	21 55	0 53	4 29	1 19	1 43	0 47	25 57	2 28	24 36	0 47	18 38	0 56	13 54	0 14	1 32	2 0	34 18	12 8	22 43	22 51	0 3		n.a.
S 6	1 1	22 49	0n18	3 32	1 10	2 15	0 45	25 53	2 26	24 36	0 47	18 40	0 56	13 55	0 14	1 31	2 0	34 18	12 8	22 43	22 51	0 6		n.a.
S 7	1 24	22 25	1 26	2 33	1 1	2 46	0 43	25 50	2 24	24 36	0 47	18 41	0 56	13 56	0 14	1 30	2 0	34 18	12 9	22 43	22 50	0 8		n.a.
M 8	1 48	20 53	2 28	1 34	0 52	3 17	0 41	25 46	2 23	24 36	0 47	18 43	0 56	13 57	0 14	1 29	2 0	34 18	12 9	22 43	22 50	0 11		n.a.
T 9	2 11	18 23	3 21	0 33	0 42	3 49	0 39	25 43	2 21	24 36	0 47	18 44	0 56	13 59	0 14	1 29	2 0	34 19	12 9	22 43	22 50	0 13		n.a.
W10	2 34	15 7	4 5	0n28	0 32	4 20	0 37	25 39	2 19	24 36	0 47	18 46	0 56	14 0	0 14	1 28	2 0	34 19	12 10	22 42	22 49	0 16		n.a.
T 11	2 57	11 17	4 36	1 30	0 22	4 51	0 35	25 35	2 18	24 37	0 47	18 47	0 55	14 1	0 14	1 27	2 0	34 19	12 10	22 41	22 49	0 19		n.a.
F 12	3 20	7 2	4 56	2 32	0 11	5 22	0 33	25 31	2 16	24 37	0 47	18 49	0 55	14 2	0 14	1 26	2 0	34 19	12 10	22 40	22 48	0 21		n.a.
S 13	3 43	2 34	5 3	3 34	0 1	5 53	0 30	25 27	2 15	24 37	0 47	18 51	0 55	14 3	0 14	1 25	2 0	34 20	12 11	22 39	22 48	0 24		n.a.
S 14	4 6	2n 0	4 57	4 36	0n10	6 24	0 28	25 23	2 13	24 37	0 47	18 52	0 55	14 4	0 14	1 24	2 0	34 20	12 11	22 37	22 48	0 26		n.a.
M15	4 29	6 31	4 37	5 38	0 21	6 54	0 26	25 19	2 11	24 37	0 47	18 54	0 55	14 5	0 14	1 23	2 0	34 20	12 11	22 36	22 47	0 29		n.a.
T 16	4 52	10 48	4 6	6 39	0 31	7 25	0 24	25 15	2 10	24 37	0 47	18 55	0 55	14 6	0 14	1 22	2 0	34 20	12 12	22 34	22 47	0 32		n.a.
W17	5 15	14 42	3 23	7 40	0 41	7 55	0 21	25 11	2 8	24 37	0 46	18 57	0 54	14 7	0 14	1 21	2 0	34 21	12 12	22 33	22 46	0 34		n.a.
T 18	5 37	18 1	2 31	8 39	0 51	8 25	0 19	25 6	2 7	24 37	0 46	18 59	0 54	14 8	0 14	1 21	2 0	34 21	12 12	22 32	22 46	0 37		n.a.
F 19	6 0	20 35	1 31	9 37	1 1	8 55	0 17	25 2	2 5	24 37	0 46	19 0	0 54	14 9	0 14	1 20	2 0	34 21	12 13	22 31	22 46	0 39		n.a.
S 20	6 22	22 12	0 25	10 34	1 10	9 25	0 15	24 57	2 4	24 37	0 46	19 2	0 54	14 11	0 14	1 19	2 0	34 21	12 13	22 31	22 45	0 42		n.a.
S 21	6 45	22 42	0s43	11 29	1 19	9 55	0 12	24 52	2 2	24 37	0 46	19 4	0 54	14 12	0 14	1 18	2 0	34 22	12 13	22 31	22 45	0 44		n.a.
M22	7 7	22 0	1 50	12 23	1 27	10 24	0 10	24 47	2 1	24 37	0 46	19 5	0 54	14 13	0 14	1 17	2 1	34 22	12 14	22 31	22 44	0 47		n.a.
T 23	7 29	20 4	2 53	13 14	1 34	10 53	0 7	24 43	1 59	24 38	0 46	19 7	0 54	14 14	0 14	1 16	2 1	34 22	12 14	22 32	22 44	0 49		n.a.
W24	7 51	16 58	3 49	14 4	1 42	11 22	0 5	24 37	1 58	24 38	0 46	19 9	0 53	14 15	0 14	1 15	2 1	34 23	12 14	22 31	22 44	0 52		n.a.
T 25	8 13	12 48	4 32	14 51	1 48	11 50	0 3	24 32	1 56	24 38	0 46	19 10	0 53	14 16	0 14	1 14	2 1	34 23	12 15	22 31	22 43	0 55		n.a.
F 26	8 35	7 49	4 59	15 36	1 54	12 19	0 0	24 27	1 55	24 38	0 46	19 12	0 53	14 17	0 14	1 14	2 1	34 23	12 15	22 31	22 43	0 57		n.a.
S 27	8 57	2 16	5 7	16 19	1 59	12 47	0n 2	24 22	1 54	24 38	0 46	19 14	0 53	14 19	0 14	1 13	2 1	34 24	12 15	22 30	22 42	1 0		n.a.
S 28	9 18	3s29	4 55	17 0	2 3	13 14	0 5	24 16	1 52	24 38	0 46	19 15	0 53	14 20	0 14	1 12	2 1	34 24	12 16	22 29	22 42	1 2		n.a.
M29	9 40	9 5	4 22	17 39	2 7	13 42	0 7	24 11	1 51	24 38	0 46	19 17	0 53	14 21	0 14	1 11	2 1	34 24	12 16	22 28	22 41	1 5		n.a.
T 30	10n 1	14s 5	3s31	18n15	2n10	14n 9	0n10	24n 5	1n49	24n38	0n46	19n19	0s53	14n22	0s14	1s10	2s 1	34s25	12s16	22s27	22s41	1n 7		n.a.

Julian Day Number = 1205049.5, Delta T = 09h18m39s
Ecliptic obliquity = 23°51'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'59, Lahiri = -23°27'58 Julian Calendar 1 Apr. 1414 BCE == Greg. Calendar 19 March 1414 BCE

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

MAY 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 43 2	26♈24'47	12♏27	15♉17	7♉57	20♋54	29♊47	28♉34	8♉33	1♈41	20♎19	10°R40	12♐23	21♓20	n.a.	W 1
T 2	13 46 59	27°21'55	26°53	16°59	9°10	21°23	29°56	28°41	8°37	1°43	20°19	10♐37	12°20	21°27	n.a.	T 2
F 3	13 50 56	28°19'03	10♐53	18°37	10°24	21°52	0♋ 5	28°49	8°40	1°45	20°19	10°D36	12°16	21°34	n.a.	F 3
S 4	13 54 52	29°16'10	24°26	20°14	11°37	22°21	0°14	28°56	8°44	1°47	20°R20	10°37	12°13	21°40	n.a.	S 4
S 5	13 58 49	0♉13'17	7♎32	21°47	12°51	22°51	0°23	29° 3	8°47	1°49	20°20	10°38	12°10	21°47	n.a.	S 5
M 6	14 2 45	1°10'24	20°16	23°18	14° 4	23°21	0°32	29°10	8°51	1°52	20°19	10°40	12° 7	21°54	n.a.	M 6
T 7	14 6 42	2° 7'30	2♒40	24°47	15°18	23°51	0°42	29°17	8°54	1°54	20°19	10°R40	12° 4	22° 1	n.a.	T 7
W 8	14 10 38	3° 4'36	14°49	26°12	16°31	24°21	0°51	29°25	8°58	1°56	20°19	10°40	12° 0	22° 7	n.a.	W 8
T 9	14 14 35	4° 1'43	26°48	27°35	17°45	24°51	1° 1	29°32	9° 2	1°57	20°19	10°37	11°57	22°14	n.a.	T 9
F 10	14 18 32	4°58'48	8♓42	28°55	18°58	25°22	1°10	29°39	9° 5	1°59	20°19	10°33	11°54	22°21	n.a.	F 10
S 11	14 22 28	5°55'54	20°33	0♊13	20°12	25°53	1°20	29°47	9° 9	2° 1	20°19	10°28	11°51	22°28	n.a.	S 11
S 12	14 26 25	6°53'00	2♈26	1°27	21°25	26°24	1°30	29°54	9°12	2° 3	20°19	10°23	11°48	22°34	n.a.	S 12
M13	14 30 21	7°50'05	14°24	2°39	22°39	26°55	1°40	0♊ 1	9°16	2° 5	20°19	10°17	11°45	22°41	n.a.	M13
T 14	14 34 18	8°47'11	26°27	3°48	23°52	27°26	1°50	0° 9	9°19	2° 7	20°18	10°11	11°41	22°48	n.a.	T 14
W15	14 38 14	9°44'16	8♉39	4°53	25° 5	27°58	2° 0	0°16	9°23	2° 9	20°18	10° 7	11°38	22°54	n.a.	W15
T 16	14 42 11	10°41'21	21° 1	5°56	26°19	28°29	2°10	0°24	9°27	2°11	20°18	10° 4	11°35	23° 1	n.a.	T 16
F 17	14 46 7	11°38'26	3♊33	6°55	27°32	29° 1	2°21	0°31	9°30	2°13	20°17	10° 3	11°32	23° 8	n.a.	F 17
S 18	14 50 4	12°35'31	16°17	7°51	28°46	29°33	2°31	0°39	9°34	2°15	20°17	10°D 3	11°29	23°15	n.a.	S 18
S 19	14 54 1	13°32'35	29°14	8°44	29°59	0♌ 5	2°42	0°47	9°37	2°16	20°17	10° 4	11°25	23°21	n.a.	S 19
M20	14 57 57	14°29'40	12♋25	9°33	1♊13	0°38	2°52	0°54	9°41	2°18	20°16	10° 5	11°22	23°28	n.a.	M20
T 21	15 1 54	15°26'44	25°51	10°19	2°26	1°10	3° 3	1° 2	9°44	2°20	20°16	10° 7	11°19	23°35	n.a.	T 21
W22	15 5 50	16°23'48	9♌35	11° 1	3°39	1°43	3°14	1° 9	9°48	2°22	20°16	10° 8	11°16	23°41	n.a.	W22
T 23	15 9 47	17°20'51	23°35	11°39	4°53	2°16	3°24	1°17	9°52	2°23	20°15	10°R 8	11°13	23°48	n.a.	T 23
F 24	15 13 43	18°17'54	7♍51	12°13	6° 6	2°49	3°35	1°25	9°55	2°25	20°15	10° 7	11°10	23°55	n.a.	F 24
S 25	15 17 40	19°14'57	22°20	12°43	7°19	3°22	3°46	1°32	9°59	2°27	20°14	10° 5	11° 6	24° 2	n.a.	S 25
S 26	15 21 37	20°12'00	6♎59	13° 9	8°33	3°55	3°57	1°40	10° 2	2°28	20°14	10° 3	11° 3	24° 8	n.a.	S 26
M27	15 25 33	21° 9'03	21°41	13°30	9°46	4°29	4° 8	1°48	10° 6	2°30	20°13	10° 0	11° 0	24°15	n.a.	M27
T 28	15 29 30	22° 6'06	6♏21	13°47	10°59	5° 2	4°19	1°56	10° 9	2°32	20°13	9°58	10°57	24°22	n.a.	T 28
W29	15 33 26	23° 3'09	20°50	13°59	12°13	5°36	4°31	2° 3	10°13	2°33	20°12	9°57	10°54	24°29	n.a.	W29
T 30	15 37 23	24° 0'13	5♐ 4	14° 7	13°26	6°10	4°42	2°11	10°16	2°35	20°12	9°D56	10°51	24°35	n.a.	T 30
F 31	15 41 19	24♉57'17	18♐57	14°R10	14♊39	6♌44	4♋53	2♊19	10♉20	2♈36	20♎11	9♐56	10♐47	24♓42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	10n22	18s10	2s26	18n49	2n12	14n36	0n12	23n59	1n48	24n38	0n46	19n20	0s52	14n23	0s14	1s 9	2s 1	34s25	12s17	22s26	22s41	1n10			n.a.
T 2	10 43	21 0	1 14	19 20	2 14	15 2	0 14	23 53	1 47	24 38	0 46	19 22	0 52	14 24	0 14	1 9	2 1	34 25	12 17	22 26	22 40	1 12			n.a.
F 3	11 4	22 27	0n 1	19 50	2 15	15 28	0 17	23 47	1 45	24 38	0 46	19 24	0 52	14 25	0 14	1 8	2 1	34 26	12 18	22 26	22 40	1 15			n.a.
S 4	11 24	22 30	1 14	20 17	2 15	15 53	0 19	23 41	1 44	24 38	0 46	19 26	0 52	14 27	0 14	1 7	2 1	34 26	12 18	22 26	22 39	1 18			n.a.
S 5	11 45	21 18	2 21	20 42	2 15	16 19	0 22	23 34	1 43	24 38	0 46	19 27	0 52	14 28	0 14	1 6	2 1	34 26	12 18	22 26	22 39	1 20			n.a.
M 6	12 5	19 2	3 18	21 4	2 13	16 43	0 24	23 28	1 41	24 38	0 46	19 29	0 52	14 29	0 14	1 5	2 1	34 27	12 19	22 26	22 38	1 23			n.a.
T 7	12 25	15 56	4 5	21 25	2 11	17 8	0 26	23 21	1 40	24 38	0 46	19 31	0 52	14 30	0 14	1 5	2 1	34 27	12 19	22 26	22 38	1 25			n.a.
W 8	12 45	12 13	4 40	21 44	2 9	17 32	0 29	23 14	1 39	24 38	0 46	19 32	0 52	14 31	0 14	1 4	2 1	34 27	12 19	22 26	22 38	1 28			n.a.
T 9	13 5	8 4	5 2	22 0	2 5	17 55	0 31	23 8	1 37	24 37	0 46	19 34	0 51	14 32	0 14	1 3	2 1	34 28	12 20	22 26	22 37	1 30			n.a.
F 10	13 25	3 40	5 11	22 14	2 1	18 18	0 34	23 1	1 36	24 37	0 46	19 36	0 51	14 34	0 14	1 2	2 1	34 28	12 20	22 25	22 37	1 33			n.a.
S 11	13 44	0n52	5 6	22 27	1 57	18 41	0 36	22 54	1 35	24 37	0 46	19 38	0 51	14 35	0 14	1 2	2 1	34 28	12 20	22 25	22 36	1 35			n.a.
S 12	14 3	5 23	4 48	22 38	1 51	19 3	0 38	22 46	1 33	24 37	0 46	19 39	0 51	14 36	0 14	1 1	2 1	34 29	12 21	22 24	22 36	1 38			n.a.
M13	14 22	9 43	4 18	22 46	1 45	19 24	0 40	22 39	1 32	24 37	0 46	19 41	0 51	14 37	0 14	1 0	2 1	34 29	12 21	22 23	22 35	1 40			n.a.
T 14	14 41	13 43	3 36	22 53	1 38	19 45	0 43	22 31	1 31	24 37	0 46	19 43	0 51	14 38	0 14	0 59	2 1	34 29	12 21	22 22	22 35	1 43			n.a.
W15	14 59	17 12	2 43	22 58	1 31	20 6	0 45	22 24	1 30	24 37	0 46	19 44	0 51	14 39	0 14	0 59	2 1	34 30	12 22	22 22	22 35	1 46			n.a.
T 16	15 17	19 58	1 42	23 2	1 23	20 26	0 47	22 16	1 28	24 37	0 46	19 46	0 51	14 41	0 14	0 58	2 1	34 30	12 22	22 21	22 34	1 48			n.a.
F 17	15 35	21 49	0 36	23 4	1 14	20 45	0 49	22 8	1 27	24 36	0 46	19 48	0 50	14 42	0 14	0 57	2 1	34 31	12 22	22 21	22 34	1 51			n.a.
S 18	15 53	22 34	0s34	23 4	1 5	21 4	0 52	22 0	1 26	24 36	0 46	19 50	0 50	14 43	0 14	0 57	2 1	34 31	12 23	22 21	22 33	1 53			n.a.
S 19	16 11	22 8	1 43	23 3	0 55	21 23	0 54	21 52	1 25	24 36	0 46	19 51	0 50	14 44	0 14	0 56	2 1	34 31	12 23	22 21	22 33	1 56			n.a.
M20	16 28	20 28	2 48	23 0	0 44	21 40	0 56	21 43	1 23	24 36	0 46	19 53	0 50	14 45	0 14	0 55	2 1	34 32	12 23	22 21	22 32	1 58			n.a.
T 21	16 45	17 39	3 46	22 56	0 33	21 57	0 58	21 35	1 22	24 35	0 46	19 55	0 50	14 46	0 14	0 55	2 1	34 32	12 24	22 21	22 32	2 1			n.a.
W22	17 2	13 49	4 31	22 50	0 21	22 14	1 0	21 26	1 21	24 35	0 46	19 56	0 50	14 48	0 14	0 54	2 2	34 32	12 24	22 22	22 31	2 3			n.a.
T 23	17 18	9 9	5 2	22 43	0 9	22 30	1 2	21 18	1 20	24 35	0 46	19 58	0 50	14 49	0 14	0 53	2 2	34 33	12 24	22 22	22 31	2 6			n.a.
F 24	17 35	3 55	5 14	22 35	0s 4	22 45	1 4	21 9	1 19	24 35	0 46	20 0	0 50	14 50	0 14	0 53	2 2	34 33	12 25	22 21	22 31	2 8			n.a.
S 25	17 51	1s36	5 8	22 26	0 17	23 0	1 6	21 0	1 17	24 34	0 46	20 1	0 50	14 51	0 14	0 52	2 2	34 34	12 25	22 21	22 30	2 11			n.a.
S 26	18 6	7 6	4 41	22 16	0 31	23 14	1 8	20 51	1 16	24 34	0 46	20 3	0 49	14 52	0 14	0 51	2 2	34 34	12 25	22 21	22 30	2 13			n.a.
M27	18 22	12 13	3 55	22 4	0 45	23 27	1 9	20 41	1 15	24 34	0 46	20 5	0 49	14 53	0 14	0 51	2 2	34 34	12 25	22 20	22 29	2 16			n.a.
T 28	18 37	16 37	2 55	21 52	1 0	23 40	1 11	20 32	1 14	24 33	0 46	20 6	0 49	14 54	0 14	0 50	2 2	34 35	12 26	22 20	22 29	2 18			n.a.
W29	18 52	19 56	1 43	21 39	1 15	23 51	1 13	20 22	1 13	24 33	0 46	20 8	0 49	14 55	0 14	0 50	2 2	34 35	12 26	22 20	22 28	2 21			n.a.
T 30	19 6	21 58	0 27	21 24	1 30	24 3	1 15	20 13	1 12	24 33	0 46	20 10	0 49	14 57	0 14	0 49	2 2	34 36	12 26	22 20	22 28	2 23			n.a.
F 31	19n20	22s34	0n50	21n10	1s45	24n13	1n16	20n 3	1n10	24n32	0n46	20n11	0s49	14n58	0s14	0s48	2s 2	34s36	12s27	22s20	22s27	2n26			n.a.

Julian Day Number = 1205079.5, Delta T = 09h18m37s
Ecliptic obliquity = 23°51'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'55, Lahiri = -23°27'54 Julian Calendar 1 May 1414 BCE == Greg. Calendar 18 Apr. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

JUNE 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 45 16	25♉54'22	2♋28	14°R 8	15♊52	7♌18	5♎ 5	2♊27	10♉23	2♈38	20°R10	9♐57	10♐44	24♓49	n.a.	S 1
S 2	15 49 12	26°51'27	15°36	14♊ 1	17° 6	7°53	5°16	2°34	10°27	2°39	20♋10	9°58	10°41	24°55	n.a.	S 2
M 3	15 53 9	27°48'33	28°22	13°50	18°19	8°27	5°28	2°42	10°30	2°41	20° 9	9°59	10°38	25° 2	n.a.	M 3
T 4	15 57 6	28°45'39	10♒49	13°34	19°32	9° 2	5°39	2°50	10°34	2°42	20° 8	10° 0	10°35	25° 9	n.a.	T 4
W 5	16 1 2	29°42'46	23° 0	13°14	20°45	9°36	5°51	2°58	10°37	2°44	20° 8	10° 0	10°31	25°16	n.a.	W 5
T 6	16 4 59	0♊39'54	5♓ 1	12°49	21°58	10°11	6° 3	3° 6	10°40	2°45	20° 7	10°R 0	10°28	25°22	n.a.	T 6
F 7	16 8 55	1°37'03	16°56	12°21	23°12	10°46	6°15	3°13	10°44	2°46	20° 6	10° 0	10°25	25°29	n.a.	F 7
S 8	16 12 52	2°34'13	28°49	11°49	24°25	11°21	6°26	3°21	10°47	2°48	20° 5	9°59	10°22	25°36	n.a.	S 8
S 9	16 16 48	3°31'23	10♈44	11°14	25°38	11°57	6°38	3°29	10°51	2°49	20° 5	9°58	10°19	25°42	n.a.	S 9
M10	16 20 45	4°28'34	22°45	10°36	26°51	12°32	6°50	3°37	10°54	2°50	20° 4	9°58	10°16	25°49	n.a.	M10
T 11	16 24 42	5°25'47	4♉55	9°56	28° 4	13° 8	7° 2	3°45	10°57	2°52	20° 3	9°57	10°12	25°56	n.a.	T 11
W12	16 28 38	6°23'00	17°17	9°15	29°18	13°43	7°14	3°52	11° 1	2°53	20° 2	9°57	10° 9	26° 3	n.a.	W12
T 13	16 32 35	7°20'14	29°53	8°34	0♎31	14°19	7°26	4° 0	11° 4	2°54	20° 1	9°56	10° 6	26° 9	n.a.	T 13
F 14	16 36 31	8°17'29	12♊44	7°52	1°44	14°55	7°39	4° 8	11° 7	2°55	20° 0	9°D56	10° 3	26°16	n.a.	F 14
S 15	16 40 28	9°14'45	25°49	7°11	2°57	15°31	7°51	4°16	11°10	2°56	19°59	9°56	10° 0	26°23	n.a.	S 15
S 16	16 44 24	10°12'02	9♎ 9	6°31	4°10	16° 7	8° 3	4°24	11°14	2°57	19°58	9°R56	9°57	26°29	n.a.	S 16
M17	16 48 21	11° 9'19	22°42	5°54	5°23	16°43	8°15	4°31	11°17	2°59	19°58	9°56	9°53	26°36	n.a.	M17
T 18	16 52 17	12° 6'37	6♌28	5°20	6°36	17°20	8°28	4°39	11°20	3° 0	19°57	9°56	9°50	26°43	n.a.	T 18
W19	16 56 14	13° 3'56	20°24	4°49	7°49	17°56	8°40	4°47	11°23	3° 1	19°56	9°56	9°47	26°50	n.a.	W19
T 20	17 0 11	14° 1'15	4♍29	4°22	9° 3	18°33	8°53	4°55	11°26	3° 2	19°55	9°56	9°44	26°56	n.a.	T 20
F 21	17 4 7	14°58'36	18°41	4° 1	10°16	19°10	9° 5	5° 2	11°30	3° 3	19°54	9°D56	9°41	27° 3	n.a.	F 21
S 22	17 8 4	15°55'56	2♎57	3°44	11°29	19°46	9°17	5°10	11°33	3° 4	19°53	9°56	9°37	27°10	n.a.	S 22
S 23	17 12 0	16°53'18	17°16	3°33	12°42	20°23	9°30	5°18	11°36	3° 4	19°52	9°56	9°34	27°16	n.a.	S 23
M24	17 15 57	17°50'41	1♏32	3°D28	13°55	21° 0	9°43	5°26	11°39	3° 5	19°51	9°57	9°31	27°23	n.a.	M24
T 25	17 19 53	18°48'04	15°44	3°29	15° 8	21°38	9°55	5°33	11°42	3° 6	19°50	9°58	9°28	27°30	n.a.	T 25
W26	17 23 50	19°45'29	29°48	3°37	16°21	22°15	10° 8	5°41	11°45	3° 7	19°48	9°58	9°25	27°37	n.a.	W26
T 27	17 27 46	20°42'55	13♐39	3°51	17°33	22°52	10°20	5°49	11°48	3° 8	19°47	9°R58	9°22	27°43	n.a.	T 27
F 28	17 31 43	21°40'21	27°15	4°12	18°46	23°30	10°33	5°56	11°51	3° 9	19°46	9°58	9°18	27°50	n.a.	F 28
S 29	17 35 40	22°37'50	10♋34	4°40	19°59	24° 8	10°46	6° 4	11°54	3° 9	19°45	9°57	9°15	27°57	n.a.	S 29
S 30	17 39 36	23♊35'19	23♋35	5♊14	21♎12	24♌45	10♎59	6♊11	11♉57	3♈10	19♋44	9♐55	9♐12	28♓ 4	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	19n34	21s49	2n 1	20n54	2s 0	24n23	1n18	19n53	1n 9	24n32	0n46	20n13	0s49	14n59	0s14	0s48	2s 2	34s36	12s27	22s20	22s27	2n28		n.a.	
S 2	19 48	19 52	3 5	20 38	2 16	24 32	1 19	19 43	1 8	24 31	0 46	20 15	0 49	15 0	0 14	0 47	2 2	34 37	12 27	22 20	22 26	2 31		n.a.	
M 3	20 1	16 59	3 57	20 22	2 31	24 41	1 21	19 33	1 7	24 31	0 46	20 16	0 49	15 1	0 14	0 47	2 2	34 37	12 28	22 20	22 26	2 33		n.a.	
T 4	20 14	13 24	4 37	20 5	2 46	24 48	1 22	19 22	1 6	24 30	0 46	20 18	0 49	15 2	0 14	0 46	2 2	34 38	12 28	22 20	22 26	2 36		n.a.	
W 5	20 27	9 19	5 3	19 49	3 0	24 55	1 24	19 12	1 5	24 30	0 46	20 20	0 49	15 3	0 14	0 46	2 2	34 38	12 28	22 20	22 25	2 38		n.a.	
T 6	20 39	4 57	5 15	19 32	3 14	25 2	1 25	19 1	1 4	24 29	0 46	20 21	0 48	15 4	0 14	0 45	2 2	34 38	12 28	22 20	22 25	2 41		n.a.	
F 7	20 51	0 26	5 14	19 15	3 27	25 7	1 26	18 50	1 3	24 29	0 46	20 23	0 48	15 5	0 14	0 45	2 2	34 39	12 29	22 20	22 24	2 43		n.a.	
S 8	21 2	4n 5	5 0	18 58	3 40	25 12	1 27	18 39	1 1	24 28	0 46	20 24	0 48	15 7	0 14	0 44	2 2	34 39	12 29	22 20	22 24	2 46		n.a.	
S 9	21 14	8 29	4 32	18 42	3 51	25 16	1 29	18 28	1 0	24 28	0 46	20 26	0 48	15 8	0 13	0 44	2 2	34 40	12 29	22 20	22 23	2 48		n.a.	
M10	21 25	12 35	3 53	18 27	4 1	25 19	1 30	18 17	0 59	24 27	0 46	20 28	0 48	15 9	0 13	0 43	2 3	34 40	12 30	22 20	22 23	2 51		n.a.	
T 11	21 35	16 14	3 2	18 12	4 10	25 21	1 31	18 6	0 58	24 26	0 46	20 29	0 48	15 10	0 13	0 43	2 3	34 40	12 30	22 20	22 22	2 53		n.a.	
W12	21 45	19 15	2 2	17 59	4 18	25 23	1 32	17 54	0 57	24 26	0 46	20 31	0 48	15 11	0 13	0 42	2 3	34 41	12 30	22 20	22 22	2 56		n.a.	
T 13	21 55	21 23	0 55	17 46	4 24	25 24	1 33	17 43	0 56	24 25	0 46	20 32	0 48	15 12	0 13	0 42	2 3	34 41	12 30	22 20	22 21	2 58		n.a.	
F 14	22 4	22 28	0s15	17 35	4 29	25 24	1 33	17 31	0 55	24 24	0 46	20 34	0 48	15 13	0 13	0 41	2 3	34 42	12 31	22 20	22 21	3 1		n.a.	
S 15	22 14	22 21	1 27	17 26	4 32	25 24	1 34	17 19	0 54	24 24	0 46	20 35	0 48	15 14	0 13	0 41	2 3	34 42	12 31	22 20	22 20	3 3		n.a.	
S 16	22 22	20 58	2 35	17 18	4 33	25 22	1 35	17 7	0 53	24 23	0 46	20 37	0 48	15 15	0 13	0 41	2 3	34 42	12 31	22 20	22 20	3 6		n.a.	
M17	22 30	18 22	3 35	17 12	4 33	25 20	1 35	16 55	0 52	24 22	0 46	20 38	0 48	15 16	0 13	0 40	2 3	34 43	12 31	22 20	22 19	3 8		n.a.	
T 18	22 38	14 43	4 25	17 8	4 30	25 17	1 36	16 43	0 51	24 21	0 46	20 40	0 47	15 17	0 13	0 40	2 3	34 43	12 32	22 20	22 19	3 11		n.a.	
W19	22 46	10 13	4 59	17 6	4 27	25 14	1 36	16 31	0 50	24 21	0 47	20 41	0 47	15 18	0 13	0 40	2 3	34 44	12 32	22 20	22 18	3 13		n.a.	
T 20	22 53	5 9	5 15	17 6	4 21	25 9	1 37	16 18	0 49	24 20	0 47	20 43	0 47	15 19	0 13	0 39	2 3	34 44	12 32	22 20	22 18	3 16		n.a.	
F 21	23 0	0s14	5 13	17 9	4 15	25 4	1 37	16 5	0 47	24 19	0 47	20 44	0 47	15 20	0 13	0 39	2 3	34 44	12 32	22 20	22 18	3 18		n.a.	
S 22	23 6	5 39	4 52	17 14	4 7	24 58	1 37	15 53	0 46	24 18	0 47	20 46	0 47	15 21	0 13	0 39	2 3	34 45	12 33	22 20	22 17	3 20		n.a.	
S 23	23 12	10 46	4 12	17 21	3 57	24 52	1 38	15 40	0 45	24 17	0 47	20 47	0 47	15 22	0 13	0 38	2 3	34 45	12 33	22 20	22 17	3 23		n.a.	
M24	23 18	15 17	3 17	17 31	3 47	24 44	1 38	15 27	0 44	24 16	0 47	20 49	0 47	15 23	0 13	0 38	2 3	34 45	12 33	22 20	22 16	3 25		n.a.	
T 25	23 23	18 55	2 10	17 42	3 35	24 36	1 38	15 14	0 43	24 16	0 47	20 50	0 47	15 24	0 13	0 38	2 4	34 46	12 33	22 20	22 16	3 28		n.a.	
W26	23 27	21 22	0 56	17 56	3 23	24 27	1 38	15 0	0 42	24 15	0 47	20 52	0 47	15 25	0 13	0 37	2 4	34 46	12 33	22 20	22 15	3 30		n.a.	
T 27	23 32	22 30	0n20	18 11	3 10	24 18	1 38	14 47	0 41	24 14	0 47	20 53	0 47	15 26	0 13	0 37	2 4	34 47	12 34	22 20	22 15	3 33		n.a.	
F 28	23 36	22 16	1 34	18 29	2 56	24 8	1 38	14 33	0 40	24 13	0 47	20 55	0 47	15 27	0 13	0 37	2 4	34 47	12 34	22 20	22 14	3 35		n.a.	
S 29	23 39	20 45	2 41	18 48	2 42	23 57	1 37	14 20	0 39	24 12	0 47	20 56	0 47	15 28	0 13	0 37	2 4	34 47	12 34	22 20	22 14	3 38		n.a.	
S 30	23n42	18s10	3n38	19n 8	2s27	23n45	1n37	14n 6	0n38	24n11	0n47	20n57	0s47	15n28	0s13	0s37	2s 4	34s48	12s34	22s20	22s13	3n40		n.a.	

Julian Day Number = 1205110.5, Delta T = 09h18m35s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'51, Lahiri = -23°27'50 Julian Calendar 1 June 1414 BCE == Greg. Calendar 19 May 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

JULY 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 43 33	24♊32'50	6♒18	5♊55	22♋25	25♌23	11♋11	6♊19	11♉59	3♈11	19°R43	9°R53	9♐ 9	28♓10	n.a.	M 1
T 2	17 47 29	25°30'23	18°45	6°42	23°38	26° 1	11°24	6°26	12° 2	3°11	19♑42	9♐51	9° 6	28°17	n.a.	T 2
W 3	17 51 26	26°27'57	0♓57	7°36	24°51	26°39	11°37	6°34	12° 5	3°12	19°41	9°49	9° 3	28°24	n.a.	W 3
T 4	17 55 22	27°25'33	12°58	8°36	26° 3	27°17	11°50	6°42	12° 8	3°12	19°39	9°48	8°59	28°30	n.a.	T 4
F 5	17 59 19	28°23'10	24°53	9°42	27°16	27°55	12° 3	6°49	12°11	3°13	19°38	9°D47	8°56	28°37	n.a.	F 5
S 6	18 3 16	29°20'49	6♈46	10°54	28°29	28°34	12°16	6°56	12°13	3°13	19°37	9°47	8°53	28°44	n.a.	S 6
S 7	18 7 12	0♋18'30	18°41	12°12	29°42	29°12	12°29	7° 4	12°16	3°14	19°36	9°48	8°50	28°51	n.a.	S 7
M 8	18 11 9	1°16'12	0♉44	13°35	0♌54	29°51	12°42	7°11	12°19	3°14	19°35	9°50	8°47	28°57	n.a.	M 8
T 9	18 15 5	2°13'57	12°58	15° 4	2° 7	0♍30	12°55	7°19	12°21	3°15	19°34	9°51	8°43	29° 4	n.a.	T 9
W10	18 19 2	3°11'43	25°28	16°37	3°20	1° 8	13° 8	7°26	12°24	3°15	19°32	9°53	8°40	29°11	n.a.	W10
T 11	18 22 58	4° 9'31	8♊15	18°14	4°33	1°47	13°21	7°33	12°26	3°15	19°31	9°R53	8°37	29°17	n.a.	T 11
F 12	18 26 55	5° 7'21	21°22	19°55	5°45	2°26	13°34	7°40	12°29	3°16	19°30	9°53	8°34	29°24	n.a.	F 12
S 13	18 30 51	6° 5'13	4♋49	21°40	6°58	3° 5	13°47	7°48	12°31	3°16	19°29	9°51	8°31	29°31	n.a.	S 13
S 14	18 34 48	7° 3'06	18°35	23°28	8°10	3°44	14° 0	7°55	12°34	3°16	19°27	9°48	8°28	29°38	n.a.	S 14
M15	18 38 45	8° 1'01	2♌36	25°18	9°23	4°24	14°13	8° 2	12°36	3°16	19°26	9°44	8°24	29°44	n.a.	M15
T 16	18 42 41	8°58'57	16°48	27°11	10°36	5° 3	14°26	8° 9	12°38	3°17	19°25	9°40	8°21	29°51	n.a.	T 16
W17	18 46 38	9°56'55	1♍ 6	29° 6	11°48	5°43	14°39	8°16	12°41	3°17	19°24	9°36	8°18	29°58	n.a.	W17
T 18	18 50 34	10°54'54	15°27	1♋ 2	13° 1	6°22	14°52	8°23	12°43	3°17	19°22	9°33	8°15	0♈ 4	n.a.	T 18
F 19	18 54 31	11°52'55	29°46	2°59	14°13	7° 2	15° 5	8°30	12°45	3°17	19°21	9°31	8°12	0°11	n.a.	F 19
S 20	18 58 27	12°50'57	13♎59	4°57	15°25	7°42	15°18	8°37	12°47	3°R17	19°20	9°D30	8° 9	0°18	n.a.	S 20
S 21	19 2 24	13°49'01	28° 4	6°55	16°38	8°22	15°31	8°44	12°49	3°17	19°19	9°31	8° 5	0°25	n.a.	S 21
M22	19 6 20	14°47'06	12♏ 1	8°53	17°50	9° 2	15°44	8°51	12°52	3°17	19°17	9°32	8° 2	0°31	n.a.	M22
T 23	19 10 17	15°45'13	25°48	10°52	19° 3	9°42	15°57	8°58	12°54	3°17	19°16	9°34	7°59	0°38	n.a.	T 23
W24	19 14 13	16°43'22	9♐25	12°50	20°15	10°22	16°11	9° 4	12°56	3°17	19°15	9°R34	7°56	0°45	n.a.	W24
T 25	19 18 10	17°41'32	22°51	14°47	21°27	11° 2	16°24	9°11	12°58	3°17	19°13	9°34	7°53	0°51	n.a.	T 25
F 26	19 22 7	18°39'45	6♑ 5	16°44	22°39	11°42	16°37	9°18	13° 0	3°16	19°12	9°31	7°49	0°58	n.a.	F 26
S 27	19 26 3	19°37'59	19° 6	18°40	23°51	12°23	16°50	9°24	13° 1	3°16	19°11	9°27	7°46	1° 5	n.a.	S 27
S 28	19 30 0	20°36'14	1♒53	20°35	25° 4	13° 3	17° 3	9°31	13° 3	3°16	19°10	9°20	7°43	1°12	n.a.	S 28
M29	19 33 56	21°34'32	14°27	22°29	26°16	13°44	17°16	9°37	13° 5	3°16	19° 8	9°13	7°40	1°18	n.a.	M29
T 30	19 37 53	22°32'52	26°48	24°23	27°28	14°24	17°29	9°44	13° 7	3°15	19° 7	9° 5	7°37	1°25	n.a.	T 30
W31	19 41 49	23♋31'14	8♓57	26♋15	28♌40	15♍ 5	17♋42	9♊50	13♉ 9	3♈15	19♑ 6	8♐58	7♐34	1♈32	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n45	14s47	4n23	19n30	2s12	23n33	1n37	13n52	0n37	24n10	0n47	20n59	0s47	15n29	0s13	0s36	2s 4	34s48	12s34	22s19	22s13	3n43		n.a.
T 2	23 47	10 49	4 54	19 54	1 57	23 20	1 36	13 38	0 36	24 9	0 47	21 0	0 47	15 30	0 13	0 36	2 4	34 48	12 34	22 19	22 12	3 45		n.a.
W 3	23 49	6 29	5 12	20 18	1 41	23 6	1 35	13 24	0 35	24 7	0 47	21 1	0 46	15 31	0 13	0 36	2 4	34 49	12 35	22 19	22 12	3 47		n.a.
T 4	23 50	1 58	5 15	20 42	1 26	22 52	1 35	13 10	0 34	24 6	0 47	21 3	0 46	15 32	0 13	0 36	2 4	34 49	12 35	22 19	22 11	3 50		n.a.
F 5	23 51	2n35	5 5	21 8	1 11	22 37	1 34	12 55	0 33	24 5	0 47	21 4	0 46	15 33	0 13	0 36	2 4	34 49	12 35	22 19	22 11	3 52		n.a.
S 6	23 52	7 1	4 41	21 33	0 56	22 21	1 33	12 41	0 32	24 4	0 47	21 5	0 46	15 34	0 13	0 35	2 4	34 50	12 35	22 19	22 10	3 55		n.a.
S 7	23 52	11 13	4 6	21 58	0 41	22 5	1 32	12 26	0 31	24 3	0 47	21 7	0 46	15 34	0 13	0 35	2 4	34 50	12 35	22 19	22 10	3 57		n.a.
M 8	23 51	15 2	3 19	22 23	0 27	21 48	1 31	12 12	0 30	24 2	0 47	21 8	0 46	15 35	0 13	0 35	2 4	34 50	12 35	22 19	22 9	4 0		n.a.
T 9	23 50	18 16	2 23	22 47	0 13	21 30	1 30	11 57	0 29	24 1	0 47	21 9	0 46	15 36	0 13	0 35	2 4	34 51	12 36	22 19	22 9	4 2		n.a.
W10	23 49	20 44	1 19	23 10	0 0	21 12	1 29	11 42	0 28	23 59	0 48	21 11	0 46	15 37	0 13	0 35	2 5	34 51	12 36	22 19	22 8	4 5		n.a.
T 11	23 48	22 13	0 9	23 32	0n12	20 53	1 28	11 27	0 28	23 58	0 48	21 12	0 46	15 38	0 13	0 35	2 5	34 51	12 36	22 19	22 8	4 7		n.a.
F 12	23 46	22 32	1s 3	23 52	0 24	20 34	1 27	11 12	0 27	23 57	0 48	21 13	0 46	15 38	0 13	0 35	2 5	34 52	12 36	22 19	22 7	4 9		n.a.
S 13	23 43	21 34	2 13	24 11	0 36	20 14	1 26	10 57	0 26	23 55	0 48	21 14	0 46	15 39	0 13	0 35	2 5	34 52	12 36	22 19	22 7	4 12		n.a.
S 14	23 40	19 18	3 16	24 28	0 46	19 54	1 24	10 41	0 25	23 54	0 48	21 16	0 46	15 40	0 13	0 35	2 5	34 52	12 36	22 19	22 6	4 14		n.a.
M15	23 37	15 53	4 9	24 42	0 56	19 33	1 23	10 26	0 24	23 53	0 48	21 17	0 46	15 41	0 13	0 35	2 5	34 53	12 36	22 18	22 6	4 17		n.a.
T 16	23 33	11 30	4 48	24 54	1 4	19 11	1 21	10 11	0 23	23 51	0 48	21 18	0 46	15 41	0 13	0 35	2 5	34 53	12 36	22 17	22 5	4 19		n.a.
W17	23 29	6 28	5 9	25 4	1 12	18 49	1 19	9 55	0 22	23 50	0 48	21 19	0 46	15 42	0 13	0 35	2 5	34 53	12 37	22 17	22 5	4 22		n.a.
T 18	23 24	1 4	5 11	25 11	1 20	18 27	1 18	9 39	0 21	23 49	0 48	21 20	0 46	15 43	0 13	0 35	2 5	34 54	12 37	22 16	22 4	4 24		n.a.
F 19	23 19	4s22	4 53	25 15	1 26	18 4	1 16	9 23	0 20	23 47	0 48	21 21	0 46	15 43	0 13	0 35	2 5	34 54	12 37	22 16	22 4	4 26		n.a.
S 20	23 14	9 33	4 18	25 17	1 31	17 40	1 14	9 7	0 19	23 46	0 48	21 23	0 46	15 44	0 13	0 35	2 5	34 54	12 37	22 16	22 3	4 29		n.a.
S 21	23 8	14 11	3 27	25 16	1 36	17 16	1 12	8 51	0 18	23 44	0 48	21 24	0 46	15 45	0 13	0 35	2 5	34 54	12 37	22 16	22 3	4 31		n.a.
M22	23 1	18 0	2 25	25 13	1 40	16 52	1 10	8 35	0 17	23 43	0 48	21 25	0 45	15 45	0 13	0 35	2 5	34 55	12 37	22 16	22 2	4 34		n.a.
T 23	22 55	20 45	1 14	25 7	1 43	16 27	1 8	8 19	0 16	23 41	0 48	21 26	0 45	15 46	0 13	0 35	2 5	34 55	12 37	22 16	22 1	4 36		n.a.
W24	22 48	22 16	0 1	24 58	1 45	16 2	1 6	8 3	0 15	23 40	0 49	21 27	0 45	15 47	0 13	0 35	2 6	34 55	12 37	22 17	22 1	4 38		n.a.
T 25	22 40	22 28	1n12	24 48	1 47	15 36	1 4	7 47	0 14	23 38	0 49	21 28	0 45	15 47	0 13	0 35	2 6	34 56	12 37	22 16	22 0	4 41		n.a.
F 26	22 32	21 24	2 19	24 34	1 48	15 10	1 1	7 30	0 14	23 37	0 49	21 29	0 45	15 48	0 13	0 36	2 6	34 56	12 37	22 16	22 0	4 43		n.a.
S 27	22 24	19 13	3 18	24 19	1 48	14 44	0 59	7 14	0 13	23 35	0 49	21 30	0 45	15 48	0 13	0 36	2 6	34 56	12 37	22 15	21 59	4 46		n.a.
S 28	22 15	16 6	4 5	24 2	1 48	14 17	0 56	6 57	0 12	23 34	0 49	21 31	0 45	15 49	0 13	0 36	2 6	34 56	12 37	22 14	21 59	4 48		n.a.
M29	22 6	12 19	4 40	23 42	1 47	13 50	0 54	6 40	0 11	23 32	0 49	21 32	0 45	15 50	0 13	0 36	2 6	34 56	12 37	22 13	21 58	4 50		n.a.
T 30	21 56	8 5	5 1	23 21	1 46	13 22	0 51	6 24	0 10	23 30	0 49	21 33	0 45	15 50	0 13	0 36	2 6	34 57	12 37	22 12	21 58	4 53		n.a.
W31	21n46	3s36	5n 8	22n58	1n44	12n54	0n49	6n 7	0n 9	23n29	0n49	21n34	0s45	15n51	0s13	0s36	2s 6	34s57	12s37	22s11	21s57	4n55		n.a.

Julian Day Number = 1205140.5, Delta T = 09h18m34s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'46, Lahiri = -23°27'46 Julian Calendar 1 July 1414 BCE == Greg. Calendar 18 June 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

AUGUST 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 45 46	24♋29'39	20♓57	28♋ 6	29♌52	15♍46	17♋55	9♊57	13♉10	3°R15	19°R 4	8°R51	7♐30	1♈38	n.a.	T 1
F 2	19 49 42	25°28'05	2♈50	29°56	1♍ 4	16°27	18° 8	10° 3	13°12	3♈14	19♑ 3	8♐47	7°27	1°45	n.a.	F 2
S 3	19 53 39	26°26'34	14°41	1♌46	2°16	17° 8	18°21	10° 9	13°13	3°14	19° 2	8°44	7°24	1°52	n.a.	S 3
S 4	19 57 36	27°25'05	26°35	3°33	3°28	17°49	18°34	10°15	13°15	3°13	19° 1	8°D43	7°21	1°59	n.a.	S 4
M 5	20 1 32	28°23'38	8♉36	5°20	4°40	18°30	18°47	10°21	13°16	3°13	18°59	8°44	7°18	2° 5	n.a.	M 5
T 6	20 5 29	29°22'14	20°49	7° 6	5°51	19°12	19° 0	10°27	13°18	3°12	18°58	8°45	7°14	2°12	n.a.	T 6
W 7	20 9 25	0♌20'52	3♊20	8°51	7° 3	19°53	19°13	10°33	13°19	3°12	18°57	8°R46	7°11	2°19	n.a.	W 7
T 8	20 13 22	1°19'33	16°12	10°35	8°15	20°34	19°26	10°39	13°20	3°11	18°56	8°46	7° 8	2°25	n.a.	T 8
F 9	20 17 18	2°18'16	29°28	12°17	9°27	21°16	19°39	10°45	13°22	3°11	18°54	8°44	7° 5	2°32	n.a.	F 9
S 10	20 21 15	3°17'01	13♋10	13°59	10°38	21°58	19°52	10°51	13°23	3°10	18°53	8°39	7° 2	2°39	n.a.	S 10
S 11	20 25 11	4°15'49	27°17	15°39	11°50	22°39	20° 5	10°57	13°24	3° 9	18°52	8°33	6°59	2°46	n.a.	S 11
M12	20 29 8	5°14'38	11♌43	17°19	13° 1	23°21	20°18	11° 2	13°25	3° 9	18°51	8°25	6°55	2°52	n.a.	M12
T 13	20 33 5	6°13'30	26°23	18°57	14°13	24° 3	20°31	11° 8	13°26	3° 8	18°49	8°15	6°52	2°59	n.a.	T 13
W14	20 37 1	7°12'23	11♍ 9	20°35	15°24	24°45	20°44	11°13	13°27	3° 7	18°48	8° 7	6°49	3° 6	n.a.	W14
T 15	20 40 58	8°11'19	25°53	22°11	16°36	25°27	20°56	11°19	13°28	3° 6	18°47	7°59	6°46	3°12	n.a.	T 15
F 16	20 44 54	9°10'16	10♎28	23°47	17°47	26° 9	21° 9	11°24	13°29	3° 5	18°46	7°54	6°43	3°19	n.a.	F 16
S 17	20 48 51	10° 9'16	24°49	25°22	18°59	26°52	21°22	11°29	13°30	3° 5	18°45	7°50	6°40	3°26	n.a.	S 17
S 18	20 52 47	11° 8'17	8♏54	26°56	20°10	27°34	21°35	11°35	13°31	3° 4	18°43	7°D49	6°36	3°32	n.a.	S 18
M19	20 56 44	12° 7'20	22°42	28°28	21°21	28°16	21°47	11°40	13°32	3° 3	18°42	7°50	6°33	3°39	n.a.	M19
T 20	21 0 40	13° 6'26	6♐14	0♍ 0	22°32	28°59	22° 0	11°45	13°33	3° 2	18°41	7°R50	6°30	3°46	n.a.	T 20
W21	21 4 37	14° 5'33	19°31	1°31	23°43	29°41	22°13	11°50	13°33	3° 1	18°40	7°50	6°27	3°53	n.a.	W21
T 22	21 8 33	15° 4'42	2♑35	3° 1	24°54	0♎24	22°25	11°55	13°34	3° 0	18°39	7°47	6°24	3°59	n.a.	T 22
F 23	21 12 30	16° 3'53	15°27	4°31	26° 5	1° 7	22°38	11°59	13°34	2°59	18°38	7°42	6°20	4° 6	n.a.	F 23
S 24	21 16 27	17° 3'06	28° 9	5°59	27°16	1°49	22°50	12° 4	13°35	2°58	18°37	7°34	6°17	4°13	n.a.	S 24
S 25	21 20 23	18° 2'21	10♒40	7°26	28°27	2°32	23° 3	12° 9	13°35	2°57	18°36	7°23	6°14	4°19	n.a.	S 25
M26	21 24 20	19° 1'38	23° 1	8°53	29°38	3°15	23°15	12°13	13°36	2°56	18°35	7°11	6°11	4°26	n.a.	M26
T 27	21 28 16	20° 0'58	5♓13	10°18	0♎49	3°58	23°28	12°18	13°36	2°55	18°33	6°57	6° 8	4°33	n.a.	T 27
W28	21 32 13	21° 0'20	17°16	11°43	1°59	4°41	23°40	12°22	13°36	2°53	18°32	6°44	6° 5	4°40	n.a.	W28
T 29	21 36 9	21°59'43	29°12	13° 6	3°10	5°24	23°52	12°27	13°37	2°52	18°31	6°33	6° 1	4°46	n.a.	T 29
F 30	21 40 6	22°59'10	11♈ 3	14°29	4°20	6° 8	24° 5	12°31	13°37	2°51	18°30	6°23	5°58	4°53	n.a.	F 30
S 31	21 44 2	23♌58'39	22♈52	15♍50	5♎31	6♎51	24♋17	12♊35	13♉37	2♈50	18♑29	6♐17	5♐55	5♈ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n36	0n57	5n 1	22n33	1n41	12n26	0n46	5n50	0n 8	23n27	0n49	21n35	0s45	15n51	0s13	0s37	2s 6	34s57	12s37	22s10	21s57	4n58			n.a.
F 2	21 25	5 26	4 42	22 7	1 38	11 58	0 43	5 33	0 7	23 25	0 49	21 36	0 45	15 52	0 13	0 37	2 6	34 57	12 37	22 9	21 56	5 0			n.a.
S 3	21 14	9 43	4 10	21 40	1 35	11 29	0 41	5 16	0 6	23 24	0 49	21 37	0 45	15 52	0 13	0 37	2 6	34 58	12 37	22 9	21 56	5 2			n.a.
S 4	21 3	13 38	3 27	21 11	1 31	11 0	0 38	4 59	0 6	23 22	0 50	21 38	0 45	15 53	0 13	0 37	2 6	34 58	12 37	22 9	21 55	5 5			n.a.
M 5	20 51	17 3	2 35	20 41	1 27	10 30	0 35	4 42	0 5	23 20	0 50	21 39	0 45	15 53	0 13	0 38	2 6	34 58	12 37	22 9	21 55	5 7			n.a.
T 6	20 38	19 48	1 35	20 9	1 23	10 1	0 32	4 24	0 4	23 18	0 50	21 40	0 45	15 53	0 13	0 38	2 6	34 58	12 37	22 9	21 54	5 9			n.a.
W 7	20 26	21 40	0 29	19 37	1 18	9 31	0 29	4 7	0 3	23 17	0 50	21 41	0 45	15 54	0 13	0 38	2 7	34 58	12 37	22 9	21 54	5 12			n.a.
T 8	20 13	22 28	0s40	19 4	1 13	9 1	0 26	3 50	0 2	23 15	0 50	21 42	0 45	15 54	0 13	0 38	2 7	34 58	12 37	22 9	21 53	5 14			n.a.
F 9	20 0	22 3	1 49	18 30	1 8	8 31	0 22	3 32	0 1	23 13	0 50	21 43	0 45	15 55	0 13	0 39	2 7	34 59	12 37	22 9	21 52	5 17			n.a.
S 10	19 46	20 19	2 54	17 55	1 3	8 0	0 19	3 15	0 0	23 11	0 50	21 44	0 45	15 55	0 13	0 39	2 7	34 59	12 37	22 8	21 52	5 19			n.a.
S 11	19 32	17 19	3 50	17 20	0 57	7 29	0 16	2 57	0s 0	23 9	0 50	21 44	0 45	15 55	0 13	0 39	2 7	34 59	12 37	22 7	21 51	5 21			n.a.
M12	19 17	13 13	4 32	16 44	0 51	6 59	0 13	2 40	0 1	23 8	0 50	21 45	0 45	15 56	0 13	0 40	2 7	34 59	12 37	22 6	21 51	5 24			n.a.
T 13	19 3	8 17	4 58	16 7	0 45	6 28	0 9	2 22	0 2	23 6	0 50	21 46	0 45	15 56	0 13	0 40	2 7	34 59	12 37	22 4	21 50	5 26			n.a.
W14	18 48	2 50	5 4	15 29	0 39	5 56	0 6	2 4	0 3	23 4	0 51	21 47	0 45	15 56	0 13	0 40	2 7	34 59	12 37	22 3	21 50	5 28			n.a.
T 15	18 32	2s45	4 50	14 52	0 32	5 25	0 2	1 47	0 4	23 2	0 51	21 48	0 45	15 57	0 13	0 41	2 7	35 0	12 37	22 1	21 49	5 31			n.a.
F 16	18 17	8 8	4 17	14 14	0 25	4 54	0s 1	1 29	0 5	23 0	0 51	21 48	0 45	15 57	0 13	0 41	2 7	35 0	12 37	22 1	21 49	5 33			n.a.
S 17	18 1	13 0	3 28	13 35	0 19	4 22	0 5	1 11	0 5	22 58	0 51	21 49	0 45	15 57	0 13	0 42	2 7	35 0	12 37	22 0	21 48	5 35			n.a.
S 18	17 44	17 3	2 28	12 56	0 12	3 50	0 8	0 53	0 6	22 56	0 51	21 50	0 45	15 58	0 13	0 42	2 7	35 0	12 37	22 0	21 48	5 38			n.a.
M19	17 28	20 3	1 20	12 17	0 5	3 18	0 12	0 35	0 7	22 54	0 51	21 51	0 45	15 58	0 13	0 42	2 7	35 0	12 37	22 0	21 47	5 40			n.a.
T 20	17 11	21 52	0 9	11 38	0s 2	2 47	0 15	0 18	0 8	22 52	0 51	21 51	0 45	15 58	0 13	0 43	2 7	35 0	12 37	22 0	21 46	5 42			n.a.
W21	16 53	22 25	1n 2	10 58	0 10	2 15	0 19	0s 0	0 9	22 50	0 51	21 52	0 45	15 58	0 13	0 43	2 7	35 0	12 36	22 0	21 46	5 45			n.a.
T 22	16 36	21 43	2 8	10 19	0 17	1 43	0 23	0 18	0 10	22 48	0 52	21 53	0 45	15 58	0 13	0 44	2 7	35 0	12 36	22 0	21 45	5 47			n.a.
F 23	16 18	19 52	3 6	9 39	0 24	1 11	0 27	0 36	0 10	22 46	0 52	21 53	0 44	15 59	0 13	0 44	2 7	35 0	12 36	21 59	21 45	5 49			n.a.
S 24	16 0	17 5	3 54	8 59	0 32	0 39	0 30	0 54	0 11	22 44	0 52	21 54	0 44	15 59	0 13	0 45	2 8	35 0	12 36	21 57	21 44	5 52			n.a.
S 25	15 41	13 33	4 29	8 20	0 39	0 6	0 34	1 12	0 12	22 42	0 52	21 55	0 44	15 59	0 14	0 45	2 8	35 0	12 36	21 56	21 44	5 54			n.a.
M26	15 23	9 30	4 52	7 40	0 46	0s26	0 38	1 31	0 13	22 40	0 52	21 55	0 44	15 59	0 14	0 46	2 8	35 0	12 36	21 53	21 43	5 56			n.a.
T 27	15 4	5 7	5 1	7 0	0 54	0 58	0 42	1 49	0 13	22 38	0 52	21 56	0 44	15 59	0 14	0 46	2 8	35 0	12 36	21 51	21 43	5 59			n.a.
W28	14 45	0 35	4 56	6 21	1 1	1 30	0 45	2 7	0 14	22 36	0 52	21 57	0 44	15 59	0 14	0 47	2 8	35 1	12 36	21 49	21 42	6 1			n.a.
T 29	14 25	3n55	4 38	5 42	1 9	2 2	0 49	2 25	0 15	22 34	0 53	21 57	0 44	15 59	0 14	0 47	2 8	35 1	12 36	21 47	21 41	6 3			n.a.
F 30	14 6	8 14	4 8	5 3	1 16	2 34	0 53	2 43	0 16	22 32	0 53	21 58	0 44	15 59	0 14	0 48	2 8	35 1	12 35	21 45	21 41	6 6			n.a.
S 31	13n46	12n15	3n28	4n24	1s23	3s 6	0s57	3s 1	0s17	22n30	0n53	21n58	0s44	15n59	0s14	0s48	2s 8	35s 1	12s35	21s44	21s40	6n 8			n.a.

Julian Day Number = 1205171.5, Delta T = 09h18m32s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'42, Lahiri = -23°27'42 Julian Calendar 1 Aug. 1414 BCE == Greg. Calendar 19 July 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

SEPTEMBER 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 47 59	24♌58'10	4♉43	17♍10	6♎41	7♎34	24♋29	12♊39	13♉37	2°R49	18°R28	6°R13	5♐52	5♈ 6	n.a.	S 1
M 2	21 51 55	25°57'43	16°41	18°30	7°51	8°18	24°41	12°43	13°R37	2♈47	18♑27	6♐11	5°49	5°13	n.a.	M 2
T 3	21 55 52	26°57'19	28°51	19°47	9° 1	9° 1	24°53	12°47	13°37	2°46	18°26	6°11	5°46	5°20	n.a.	T 3
W 4	21 59 49	27°56'58	11♊18	21° 4	10°12	9°45	25° 5	12°51	13°37	2°45	18°25	6°11	5°42	5°27	n.a.	W 4
T 5	22 3 45	28°56'39	24° 7	22°19	11°22	10°29	25°17	12°54	13°37	2°43	18°25	6°10	5°39	5°33	n.a.	T 5
F 6	22 7 42	29°56'23	7♋23	23°33	12°32	11°12	25°29	12°58	13°37	2°42	18°24	6° 7	5°36	5°40	n.a.	F 6
S 7	22 11 38	0♍56'09	21° 8	24°45	13°42	11°56	25°41	13° 1	13°36	2°41	18°23	6° 2	5°33	5°47	n.a.	S 7
S 8	22 15 35	1°55'57	5♌23	25°55	14°51	12°40	25°52	13° 5	13°36	2°39	18°22	5°54	5°30	5°53	n.a.	S 8
M 9	22 19 31	2°55'47	20° 3	27° 3	16° 1	13°24	26° 4	13° 8	13°36	2°38	18°21	5°43	5°26	6° 0	n.a.	M 9
T 10	22 23 28	3°55'40	5♍ 2	28°10	17°11	14° 8	26°16	13°11	13°35	2°36	18°20	5°31	5°23	6° 7	n.a.	T 10
W11	22 27 24	4°55'34	20°10	29°14	18°20	14°52	26°27	13°14	13°35	2°35	18°19	5°20	5°20	6°13	n.a.	W11
T 12	22 31 21	5°55'31	5♎18	0♎15	19°30	15°36	26°39	13°17	13°34	2°33	18°19	5°10	5°17	6°20	n.a.	T 12
F 13	22 35 17	6°55'30	20°15	1°14	20°39	16°20	26°50	13°20	13°34	2°32	18°18	5° 2	5°14	6°27	n.a.	F 13
S 14	22 39 14	7°55'30	4♏53	2°10	21°48	17° 5	27° 2	13°23	13°33	2°30	18°17	4°57	5°11	6°34	n.a.	S 14
S 15	22 43 11	8°55'32	19° 8	3° 2	22°57	17°49	27°13	13°25	13°33	2°29	18°16	4°55	5° 7	6°40	n.a.	S 15
M16	22 47 7	9°55'36	3♐ 0	3°51	24° 7	18°34	27°24	13°28	13°32	2°27	18°16	4°55	5° 4	6°47	n.a.	M16
T 17	22 51 4	10°55'42	16°29	4°35	25°15	19°18	27°35	13°30	13°31	2°26	18°15	4°55	5° 1	6°54	n.a.	T 17
W18	22 55 0	11°55'50	29°38	5°15	26°24	20° 3	27°47	13°33	13°30	2°24	18°14	4°54	4°58	7° 0	n.a.	W18
T 19	22 58 57	12°55'59	12♑29	5°50	27°33	20°47	27°58	13°35	13°29	2°23	18°14	4°51	4°55	7° 7	n.a.	T 19
F 20	23 2 53	13°56'10	25° 6	6°19	28°42	21°32	28° 8	13°37	13°29	2°21	18°13	4°45	4°52	7°14	n.a.	F 20
S 21	23 6 50	14°56'23	7♒32	6°42	29°50	22°17	28°19	13°39	13°28	2°20	18°12	4°37	4°48	7°20	n.a.	S 21
S 22	23 10 46	15°56'37	19°48	6°58	0♏58	23° 2	28°30	13°41	13°27	2°18	18°12	4°25	4°45	7°27	n.a.	S 22
M23	23 14 43	16°56'53	1♓57	7° 6	2° 6	23°46	28°41	13°43	13°26	2°16	18°11	4°12	4°42	7°34	n.a.	M23
T 24	23 18 40	17°57'11	13°59	7°R 7	3°14	24°31	28°51	13°45	13°24	2°15	18°11	3°58	4°39	7°41	n.a.	T 24
W25	23 22 36	18°57'31	25°56	6°58	4°22	25°16	29° 2	13°46	13°23	2°13	18°10	3°44	4°36	7°47	n.a.	W25
T 26	23 26 33	19°57'53	7♈49	6°41	5°30	26° 1	29°12	13°48	13°22	2°11	18°10	3°31	4°32	7°54	n.a.	T 26
F 27	23 30 29	20°58'17	19°38	6°14	6°38	26°46	29°23	13°49	13°21	2°10	18° 9	3°21	4°29	8° 1	n.a.	F 27
S 28	23 34 26	21°58'42	1♉28	5°37	7°45	27°32	29°33	13°50	13°20	2° 8	18° 9	3°14	4°26	8° 7	n.a.	S 28
S 29	23 38 22	22°59'10	13°19	4°50	8°52	28°17	29°43	13°52	13°18	2° 6	18° 8	3° 9	4°23	8°14	n.a.	S 29
M30	23 42 19	23♍59'40	25♉17	3♎54	9♏59	29♎ 2	29♋53	13♊53	13♉17	2♈ 5	18♑ 8	3♐ 7	4♐20	8♈21	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n26	15n48	2n38	3n46	1s31	3s38	1s 1	3s19	0s17	22n28	0n53	21n59	0s44	15n59	0s14	0s49	2s 8	35s 1	12s35	21s44	21s40	6n10		n.a.
M 2	13 5	18 44	1 41	3 8	1 38	4 9	1 5	3 37	0 18	22 26	0 53	21 59	0 44	15 59	0 14	0 49	2 8	35 1	12 35	21 43	21 39	6 13		n.a.
T 3	12 45	20 53	0 39	2 30	1 45	4 41	1 9	3 55	0 19	22 24	0 53	22 0	0 44	15 59	0 14	0 50	2 8	35 1	12 35	21 43	21 39	6 15		n.a.
W 4	12 24	22 5	0s27	1 54	1 52	5 13	1 13	4 14	0 20	22 22	0 53	22 0	0 44	15 59	0 14	0 51	2 8	35 1	12 35	21 43	21 38	6 17		n.a.
T 5	12 3	22 10	1 33	1 17	1 59	5 44	1 16	4 32	0 20	22 20	0 54	22 1	0 44	15 59	0 14	0 51	2 8	35 1	12 34	21 43	21 38	6 20		n.a.
F 6	11 41	21 2	2 37	0 41	2 5	6 16	1 20	4 50	0 21	22 18	0 54	22 1	0 44	15 59	0 14	0 52	2 8	35 1	12 34	21 43	21 37	6 22		n.a.
S 7	11 20	18 39	3 34	0 7	2 12	6 47	1 24	5 8	0 22	22 16	0 54	22 2	0 44	15 59	0 14	0 52	2 8	35 0	12 34	21 42	21 36	6 24		n.a.
S 8	10 58	15 4	4 19	0s28	2 18	7 18	1 28	5 26	0 23	22 14	0 54	22 2	0 44	15 59	0 14	0 53	2 8	35 0	12 34	21 40	21 36	6 27		n.a.
M 9	10 36	10 29	4 49	1 1	2 24	7 49	1 32	5 44	0 23	22 12	0 54	22 3	0 44	15 59	0 14	0 54	2 8	35 0	12 34	21 38	21 35	6 29		n.a.
T 10	10 14	5 11	5 0	1 33	2 30	8 20	1 36	6 2	0 24	22 10	0 54	22 3	0 44	15 59	0 14	0 54	2 8	35 0	12 34	21 36	21 35	6 31		n.a.
W11	9 52	0s29	4 50	2 4	2 36	8 51	1 40	6 20	0 25	22 7	0 55	22 3	0 44	15 59	0 14	0 55	2 8	35 0	12 33	21 34	21 34	6 33		n.a.
T 12	9 30	6 6	4 20	2 33	2 41	9 21	1 43	6 38	0 25	22 5	0 55	22 4	0 44	15 59	0 14	0 55	2 8	35 0	12 33	21 32	21 33	6 36		n.a.
F 13	9 7	11 19	3 32	3 1	2 46	9 51	1 47	6 56	0 26	22 3	0 55	22 4	0 44	15 58	0 14	0 56	2 8	35 0	12 33	21 31	21 33	6 38		n.a.
S 14	8 45	15 45	2 31	3 28	2 50	10 21	1 51	7 14	0 27	22 1	0 55	22 5	0 44	15 58	0 14	0 57	2 8	35 0	12 33	21 30	21 32	6 40		n.a.
S 15	8 22	19 8	1 22	3 53	2 54	10 51	1 55	7 32	0 28	21 59	0 55	22 5	0 44	15 58	0 14	0 57	2 8	35 0	12 33	21 30	21 32	6 43		n.a.
M16	7 59	21 17	0 10	4 15	2 57	11 20	1 58	7 50	0 28	21 57	0 55	22 5	0 44	15 58	0 14	0 58	2 9	35 0	12 32	21 29	21 31	6 45		n.a.
T 17	7 36	22 9	1n 1	4 36	3 0	11 50	2 2	8 8	0 29	21 55	0 56	22 6	0 44	15 57	0 14	0 59	2 9	35 0	12 32	21 29	21 31	6 47		n.a.
W18	7 12	21 45	2 7	4 54	3 2	12 19	2 6	8 26	0 30	21 53	0 56	22 6	0 44	15 57	0 14	0 59	2 9	35 0	12 32	21 29	21 30	6 49		n.a.
T 19	6 49	20 12	3 5	5 9	3 3	12 47	2 9	8 43	0 30	21 51	0 56	22 6	0 44	15 57	0 14	1 0	2 9	35 0	12 32	21 29	21 29	6 52		n.a.
F 20	6 26	17 41	3 52	5 21	3 4	13 16	2 13	9 1	0 31	21 49	0 56	22 6	0 44	15 57	0 14	1 1	2 9	34 59	12 32	21 28	21 29	6 54		n.a.
S 21	6 2	14 24	4 28	5 30	3 3	13 44	2 16	9 19	0 32	21 47	0 56	22 7	0 44	15 56	0 14	1 1	2 9	34 59	12 31	21 26	21 28	6 56		n.a.
S 22	5 38	10 32	4 51	5 35	3 1	14 12	2 20	9 36	0 32	21 45	0 57	22 7	0 44	15 56	0 14	1 2	2 9	34 59	12 31	21 24	21 28	6 58		n.a.
M23	5 14	6 18	5 0	5 36	2 59	14 39	2 23	9 54	0 33	21 43	0 57	22 7	0 44	15 56	0 14	1 3	2 9	34 59	12 31	21 21	21 27	7 1		n.a.
T 24	4 51	1 52	4 56	5 32	2 54	15 6	2 27	10 11	0 34	21 41	0 57	22 7	0 44	15 55	0 14	1 3	2 9	34 59	12 31	21 19	21 26	7 3		n.a.
W25	4 27	2n36	4 38	5 23	2 49	15 33	2 30	10 28	0 34	21 39	0 57	22 8	0 44	15 55	0 14	1 4	2 9	34 59	12 30	21 16	21 26	7 5		n.a.
T 26	4 3	6 57	4 9	5 10	2 41	15 59	2 33	10 46	0 35	21 37	0 57	22 8	0 44	15 55	0 14	1 5	2 9	34 59	12 30	21 14	21 25	7 7		n.a.
F 27	3 38	11 2	3 29	4 50	2 32	16 25	2 36	11 3	0 36	21 35	0 57	22 8	0 44	15 54	0 14	1 5	2 9	34 58	12 30	21 12	21 25	7 10		n.a.
S 28	3 14	14 41	2 40	4 26	2 22	16 51	2 39	11 20	0 36	21 33	0 58	22 8	0 44	15 54	0 14	1 6	2 9	34 58	12 30	21 10	21 24	7 12		n.a.
S 29	2 50	17 45	1 43	3 55	2 9	17 16	2 43	11 37	0 37	21 31	0 58	22 8	0 44	15 54	0 14	1 7	2 9	34 58	12 29	21 9	21 24	7 14		n.a.
M30	2n26	20n 6	0n42	3s19	1s54	17s41	2s46	11s54	0s37	21n29	0n58	22n 9	0s44	15n53	0s14	1s 7	2s 9	34s58	12s29	21s 9	21s23	7n16		n.a.

Julian Day Number = 1205202.5, Delta T = 09h18m30s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'38, Lahiri = -23°27'38 Julian Calendar 1 Sept. 1414 BCE == Greg. Calendar 19 Aug. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

OCTOBER 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 46 15	25♍ 0'11	7♊25	2°R50	11♏ 6	29♎47	0♌ 3	13♊54	13°R15	2°R 3	18°R 8	3°D 7	4♐17	8♈27	n.a.	T 1
W 2	23 50 12	26° 0'45	19°49	1♎39	12°13	0♏33	0°13	13°54	13♉14	2♈ 1	18♉ 7	3♐ 8	4°13	8°34	n.a.	W 2
T 3	23 54 8	27° 1'21	2♋33	0°22	13°20	1°18	0°22	13°55	13°12	2° 0	18° 7	3°R 8	4°10	8°41	n.a.	T 3
F 4	23 58 5	28° 1'59	15°42	29♍ 2	14°26	2° 4	0°32	13°56	13°11	1°58	18° 7	3° 6	4° 7	8°48	n.a.	F 4
S 5	0 2 2	29° 2'38	29°20	27°42	15°32	2°49	0°42	13°56	13° 9	1°56	18° 6	3° 2	4° 4	8°54	n.a.	S 5
S 6	0 5 58	0♎ 3'20	13♌27	26°24	16°38	3°35	0°51	13°57	13° 8	1°55	18° 6	2°56	4° 1	9° 1	n.a.	S 6
M 7	0 9 55	1° 4'03	28° 4	25°10	17°44	4°21	1° 0	13°57	13° 6	1°53	18° 6	2°48	3°57	9° 8	n.a.	M 7
T 8	0 13 51	2° 4'48	13♍ 5	24° 3	18°49	5° 6	1°10	13°57	13° 4	1°51	18° 6	2°39	3°54	9°14	n.a.	T 8
W 9	0 17 48	3° 5'35	28°20	23° 6	19°55	5°52	1°19	13°R57	13° 2	1°49	18° 5	2°29	3°51	9°21	n.a.	W 9
T 10	0 21 44	4° 6'23	13♎40	22°18	21° 0	6°38	1°28	13°57	13° 1	1°48	18° 5	2°20	3°48	9°28	n.a.	T 10
F 11	0 25 41	5° 7'13	28°52	21°42	22° 5	7°24	1°37	13°57	12°59	1°46	18° 5	2°14	3°45	9°34	n.a.	F 11
S 12	0 29 37	6° 8'04	13♏48	21°18	23°10	8°10	1°45	13°56	12°57	1°44	18° 5	2°10	3°42	9°41	n.a.	S 12
S 13	0 33 34	7° 8'56	28°19	21° 5	24°14	8°56	1°54	13°56	12°55	1°43	18° 5	2°D 9	3°38	9°48	n.a.	S 13
M14	0 37 31	8° 9'50	12♐24	21°D 3	25°18	9°42	2° 2	13°55	12°53	1°41	18° 5	2° 9	3°35	9°55	n.a.	M14
T 15	0 41 27	9°10'44	26° 1	21°13	26°22	10°28	2°11	13°55	12°51	1°39	18°D 5	2°10	3°32	10° 1	n.a.	T 15
W16	0 45 24	10°11'40	9♑13	21°32	27°26	11°14	2°19	13°54	12°49	1°38	18° 5	2°R11	3°29	10° 8	n.a.	W16
T 17	0 49 20	11°12'37	22° 3	22° 0	28°29	12° 0	2°27	13°53	12°47	1°36	18° 5	2°10	3°26	10°15	n.a.	T 17
F 18	0 53 17	12°13'34	4♒34	22°37	29°32	12°46	2°35	13°52	12°45	1°34	18° 5	2° 7	3°23	10°21	n.a.	F 18
S 19	0 57 13	13°14'33	16°52	23°21	0♐35	13°32	2°43	13°51	12°43	1°33	18° 5	2° 2	3°19	10°28	n.a.	S 19
S 20	1 1 10	14°15'32	28°59	24°11	1°37	14°19	2°51	13°50	12°41	1°31	18° 5	1°55	3°16	10°35	n.a.	S 20
M21	1 5 6	15°16'32	10♓59	25° 7	2°39	15° 5	2°58	13°48	12°38	1°29	18° 5	1°47	3°13	10°41	n.a.	M21
T 22	1 9 3	16°17'34	22°54	26° 8	3°40	15°51	3° 6	13°47	12°36	1°28	18° 6	1°38	3°10	10°48	n.a.	T 22
W23	1 13 0	17°18'36	4♈46	27°13	4°42	16°38	3°13	13°45	12°34	1°26	18° 6	1°29	3° 7	10°55	n.a.	W23
T 24	1 16 56	18°19'39	16°37	28°22	5°43	17°24	3°20	13°44	12°32	1°24	18° 6	1°20	3° 3	11° 1	n.a.	T 24
F 25	1 20 53	19°20'44	28°28	29°35	6°43	18°11	3°27	13°42	12°29	1°23	18° 6	1°14	3° 0	11° 8	n.a.	F 25
S 26	1 24 49	20°21'49	10♉22	0♎50	7°43	18°57	3°34	13°40	12°27	1°21	18° 6	1° 9	2°57	11°15	n.a.	S 26
S 27	1 28 46	21°22'56	22°19	2° 7	8°43	19°44	3°41	13°38	12°25	1°20	18° 7	1° 7	2°54	11°22	n.a.	S 27
M28	1 32 42	22°24'03	4♊23	3°27	9°42	20°30	3°48	13°36	12°22	1°18	18° 7	1°D 7	2°51	11°28	n.a.	M28
T 29	1 36 39	23°25'12	16°37	4°48	10°41	21°17	3°54	13°34	12°20	1°17	18° 7	1° 8	2°48	11°35	n.a.	T 29
W30	1 40 35	24°26'22	29° 4	6°11	11°39	22° 4	4° 1	13°32	12°18	1°15	18° 8	1° 9	2°44	11°42	n.a.	W30
T 31	1 44 32	25♎27'33	11♋48	7♎35	12♐37	22♏50	4♌ 7	13♊29	12♉15	1♈13	18♉ 8	1♐11	2♐41	11♈48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	2n 1	21n33	0s23	2s38	1s38	18s 5	2s48	12s11	0s38	21n27	0n58	22n 9	0s44	15n53	0s14	1s 8	2s 9	34s58	12s29	21s 9	21s22	7n19			n.a.
W 2	1 37	22 0	1 28	1 53	1 20	18 29	2 51	12 28	0 39	21 25	0 59	22 9	0 44	15 52	0 14	1 9	2 9	34 57	12 29	21 9	21 22	7 21			n.a.
T 3	1 12	21 20	2 30	1 5	1 1	18 52	2 54	12 45	0 39	21 23	0 59	22 9	0 44	15 52	0 14	1 9	2 9	34 57	12 28	21 9	21 21	7 23			n.a.
F 4	0 48	19 30	3 27	0 14	0 41	19 15	2 57	13 1	0 40	21 21	0 59	22 9	0 44	15 51	0 14	1 10	2 9	34 57	12 28	21 9	21 21	7 25			n.a.
S 5	0 23	16 31	4 14	0n37	0 20	19 38	2 59	13 18	0 41	21 19	0 59	22 9	0 44	15 51	0 14	1 11	2 9	34 57	12 28	21 8	21 20	7 28			n.a.
S 6	0s 1	12 30	4 47	1 28	0n 0	20 0	3 2	13 34	0 41	21 17	0 59	22 9	0 44	15 50	0 14	1 11	2 9	34 57	12 28	21 7	21 19	7 30			n.a.
M 7	0 26	7 37	5 3	2 16	0 20	20 21	3 4	13 51	0 42	21 15	1 0	22 9	0 44	15 50	0 14	1 12	2 9	34 56	12 27	21 5	21 19	7 32			n.a.
T 8	0 50	2 10	4 59	3 0	0 40	20 42	3 6	14 7	0 42	21 13	1 0	22 9	0 44	15 49	0 14	1 13	2 9	34 56	12 27	21 3	21 18	7 34			n.a.
W 9	1 15	3s30	4 34	3 40	0 58	21 3	3 9	14 23	0 43	21 12	1 0	22 9	0 44	15 49	0 14	1 14	2 9	34 56	12 27	21 1	21 17	7 37			n.a.
T 10	1 40	9 0	3 49	4 15	1 15	21 23	3 11	14 39	0 43	21 10	1 0	22 9	0 44	15 48	0 14	1 14	2 9	34 56	12 27	21 0	21 17	7 39			n.a.
F 11	2 4	13 53	2 48	4 43	1 29	21 42	3 13	14 55	0 44	21 8	1 1	22 9	0 44	15 48	0 14	1 15	2 9	34 56	12 26	20 58	21 16	7 41			n.a.
S 12	2 29	17 48	1 37	5 4	1 42	22 1	3 15	15 11	0 45	21 6	1 1	22 9	0 44	15 47	0 14	1 16	2 9	34 55	12 26	20 58	21 16	7 43			n.a.
S 13	2 53	20 28	0 21	5 20	1 54	22 20	3 16	15 26	0 45	21 4	1 1	22 9	0 44	15 46	0 14	1 16	2 9	34 55	12 26	20 57	21 15	7 45			n.a.
M14	3 18	21 46	0n55	5 29	2 3	22 37	3 18	15 42	0 46	21 3	1 1	22 9	0 44	15 46	0 14	1 17	2 9	34 55	12 26	20 57	21 14	7 48			n.a.
T 15	3 42	21 43	2 5	5 32	2 10	22 55	3 20	15 57	0 46	21 1	1 1	22 9	0 44	15 45	0 14	1 18	2 9	34 54	12 25	20 58	21 14	7 50			n.a.
W16	4 6	20 27	3 6	5 30	2 16	23 11	3 21	16 12	0 47	20 59	1 2	22 9	0 43	15 45	0 14	1 18	2 9	34 54	12 25	20 58	21 13	7 52			n.a.
T 17	4 31	18 9	3 56	5 22	2 21	23 27	3 22	16 27	0 47	20 58	1 2	22 9	0 43	15 44	0 14	1 19	2 9	34 54	12 25	20 58	21 13	7 54			n.a.
F 18	4 55	15 2	4 33	5 10	2 24	23 43	3 23	16 42	0 48	20 56	1 2	22 9	0 43	15 43	0 14	1 20	2 9	34 54	12 25	20 57	21 12	7 56			n.a.
S 19	5 19	11 21	4 57	4 54	2 25	23 57	3 24	16 57	0 48	20 55	1 2	22 9	0 43	15 43	0 14	1 20	2 9	34 53	12 24	20 56	21 11	7 59			n.a.
S 20	5 43	7 14	5 7	4 34	2 26	24 12	3 25	17 11	0 49	20 53	1 3	22 9	0 43	15 42	0 14	1 21	2 9	34 53	12 24	20 55	21 11	8 1			n.a.
M21	6 7	2 54	5 3	4 11	2 25	24 25	3 26	17 26	0 49	20 51	1 3	22 9	0 43	15 41	0 14	1 22	2 9	34 53	12 24	20 53	21 10	8 3			n.a.
T 22	6 31	1n31	4 47	3 46	2 24	24 38	3 27	17 40	0 50	20 50	1 3	22 8	0 43	15 41	0 14	1 22	2 9	34 53	12 23	20 51	21 9	8 5			n.a.
W23	6 55	5 51	4 18	3 17	2 22	24 50	3 27	17 54	0 50	20 48	1 3	22 8	0 43	15 40	0 13	1 23	2 9	34 52	12 23	20 49	21 9	8 7			n.a.
T 24	7 18	9 59	3 38	2 47	2 19	25 2	3 27	18 8	0 51	20 47	1 4	22 8	0 43	15 39	0 13	1 23	2 9	34 52	12 23	20 47	21 8	8 10			n.a.
F 25	7 42	13 43	2 48	2 14	2 16	25 13	3 28	18 22	0 51	20 46	1 4	22 8	0 43	15 39	0 13	1 24	2 9	34 52	12 23	20 46	21 8	8 12			n.a.
S 26	8 6	16 56	1 50	1 40	2 11	25 24	3 28	18 35	0 52	20 44	1 4	22 8	0 43	15 38	0 13	1 25	2 9	34 51	12 22	20 45	21 7	8 14			n.a.
S 27	8 29	19 26	0 48	1 5	2 7	25 33	3 27	18 49	0 52	20 43	1 4	22 7	0 43	15 37	0 13	1 25	2 9	34 51	12 22	20 45	21 6	8 16			n.a.
M28	8 52	21 6	0s18	0 28	2 2	25 42	3 27	19 2	0 53	20 41	1 5	22 7	0 43	15 36	0 13	1 26	2 9	34 51	12 22	20 45	21 6	8 18			n.a.
T 29	9 15	21 47	1 24	0s10	1 57	25 51	3 27	19 15	0 53	20 40	1 5	22 7	0 43	15 36	0 13	1 27	2 9	34 50	12 22	20 45	21 5	8 20			n.a.
W30	9 38	21 25	2 27	0 48	1 51	25 58	3 26	19 28	0 54	20 39	1 5	22 7	0 43	15 35	0 13	1 27	2 8	34 50	12 21	20 45	21 4	8 23			n.a.
T 31	10s 1	19n56	3s24	1s27	1n45	26s 6	3s25	19s40	0s54	20n38	1n 6	22n 6	0s43	15n34	0s13	1s28	2s 8	34s50	12s21	20s45	21s 4	8n25			n.a.

Julian Day Number = 1205232.5, Delta T = 09h18m28s
Ecliptic obliquity = 23°51'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'34, Lahiri = -23°27'34 Julian Calendar 1 Oct. 1414 BCE == Greg. Calendar 18 Sept. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

NOVEMBER 1414 BCE (-1413) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 48 29	26♎28'44	24♋52	9♎ 0	13♐34	23♏37	4♌13	13°R27	12°R13	1°R12	18♑ 9	1°R12	2♐38	11♈55	n.a.	F 1
S 2	1 52 25	27°29'57	8♌21	10°27	14°31	24°24	4°19	13♊24	12♉10	1♈10	18° 9	1♐11	2°35	12° 2	n.a.	S 2
S 3	1 56 22	28°31'11	22°16	11°54	15°27	25°11	4°24	13°21	12° 8	1° 9	18° 9	1° 9	2°32	12° 8	n.a.	S 3
M 4	2 0 18	29°32'26	6♍37	13°21	16°23	25°57	4°30	13°19	12° 5	1° 8	18°10	1° 6	2°28	12°15	n.a.	M 4
T 5	2 4 15	0♏33'41	21°21	14°50	17°18	26°44	4°35	13°16	12° 3	1° 6	18°11	1° 2	2°25	12°22	n.a.	T 5
W 6	2 8 11	1°34'57	6♎24	16°19	18°12	27°31	4°40	13°13	12° 0	1° 5	18°11	0°57	2°22	12°28	n.a.	W 6
T 7	2 12 8	2°36'14	21°36	17°48	19° 6	28°18	4°45	13°10	11°58	1° 3	18°12	0°53	2°19	12°35	n.a.	T 7
F 8	2 16 4	3°37'32	6♏47	19°18	19°59	29° 5	4°50	13° 7	11°55	1° 2	18°12	0°50	2°16	12°42	n.a.	F 8
S 9	2 20 1	4°38'50	21°47	20°48	20°51	29°52	4°55	13° 3	11°53	1° 1	18°13	0°48	2°13	12°49	n.a.	S 9
S 10	2 23 58	5°40'09	6♐28	22°19	21°43	0♐39	5° 0	13° 0	11°50	0°59	18°14	0°D48	2° 9	12°55	n.a.	S 10
M11	2 27 54	6°41'27	20°44	23°50	22°34	1°26	5° 4	12°57	11°47	0°58	18°14	0°49	2° 6	13° 2	n.a.	M11
T 12	2 31 51	7°42'46	4♑33	25°21	23°24	2°13	5° 8	12°53	11°45	0°57	18°15	0°51	2° 3	13° 9	n.a.	T 12
W13	2 35 47	8°44'05	17°55	26°53	24°13	3° 0	5°12	12°49	11°42	0°55	18°16	0°52	2° 0	13°15	n.a.	W13
T 14	2 39 44	9°45'23	0♒52	28°24	25° 2	3°47	5°16	12°46	11°40	0°54	18°16	0°53	1°57	13°22	n.a.	T 14
F 15	2 43 40	10°46'42	13°27	29°56	25°49	4°34	5°20	12°42	11°37	0°53	18°17	0°R54	1°54	13°29	n.a.	F 15
S 16	2 47 37	11°48'00	25°44	1♏29	26°36	5°21	5°23	12°38	11°35	0°52	18°18	0°53	1°50	13°35	n.a.	S 16
S 17	2 51 34	12°49'18	7♓49	3° 1	27°22	6° 9	5°26	12°34	11°32	0°50	18°19	0°51	1°47	13°42	n.a.	S 17
M18	2 55 30	13°50'36	19°45	4°34	28° 6	6°56	5°30	12°30	11°29	0°49	18°20	0°49	1°44	13°49	n.a.	M18
T 19	2 59 27	14°51'54	1♈36	6° 7	28°50	7°43	5°33	12°26	11°27	0°48	18°20	0°46	1°41	13°55	n.a.	T 19
W20	3 3 23	15°53'12	13°26	7°40	29°32	8°30	5°35	12°22	11°24	0°47	18°21	0°44	1°38	14° 2	n.a.	W20
T 21	3 7 20	16°54'29	25°17	9°14	0♑14	9°17	5°38	12°18	11°22	0°46	18°22	0°41	1°34	14° 9	n.a.	T 21
F 22	3 11 16	17°55'47	7♉13	10°48	0°54	10° 5	5°40	12°14	11°19	0°45	18°23	0°40	1°31	14°16	n.a.	F 22
S 23	3 15 13	18°57'04	19°14	12°22	1°33	10°52	5°43	12°10	11°17	0°44	18°24	0°39	1°28	14°22	n.a.	S 23
S 24	3 19 9	19°58'21	1♊22	13°56	2°10	11°39	5°45	12° 5	11°14	0°43	18°25	0°D39	1°25	14°29	n.a.	S 24
M25	3 23 6	20°59'38	13°40	15°31	2°46	12°26	5°46	12° 1	11°12	0°42	18°26	0°39	1°22	14°36	n.a.	M25
T 26	3 27 3	22° 0'55	26° 8	17° 6	3°21	13°14	5°48	11°56	11° 9	0°41	18°27	0°40	1°19	14°42	n.a.	T 26
W27	3 30 59	23° 2'11	8♋49	18°42	3°55	14° 1	5°50	11°52	11° 6	0°40	18°28	0°40	1°15	14°49	n.a.	W27
T 28	3 34 56	24° 3'28	21°43	20°18	4°26	14°48	5°51	11°47	11° 4	0°39	18°29	0°41	1°12	14°56	n.a.	T 28
F 29	3 38 52	25° 4'44	4♌54	21°54	4°57	15°35	5°52	11°43	11° 1	0°38	18°30	0°42	1° 9	15° 2	n.a.	F 29
S 30	3 42 49	26♏ 6'00	18♌22	23♏31	5♑25	16♐23	5♌53	11♊38	10♉59	0♈38	18♑31	0♐42	1♐ 6	15♈ 9	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s23	17n24	4s12	2s 7	1n39	26s12	3s24	19s53	0s54	20n36	1n 6	22n 6	0s43	15n33	0s13	1s28	2s 8	34s49	12s21	20s46	21s 3	8n27		n.a.
S 2	10 46	13 51	4 48	2 47	1 33	26 18	3 23	20 5	0 55	20 35	1 6	22 6	0 43	15 33	0 13	1 29	2 8	34 49	12 21	20 46	21 3	8 29		n.a.
S 3	11 8	9 28	5 9	3 28	1 27	26 23	3 21	20 17	0 55	20 34	1 6	22 6	0 43	15 32	0 13	1 29	2 8	34 49	12 20	20 45	21 2	8 31		n.a.
M 4	11 30	4 26	5 11	4 8	1 20	26 27	3 20	20 29	0 56	20 33	1 7	22 5	0 43	15 31	0 13	1 30	2 8	34 48	12 20	20 44	21 1	8 33		n.a.
T 5	11 52	1s 0	4 53	4 49	1 13	26 31	3 18	20 41	0 56	20 32	1 7	22 5	0 43	15 30	0 13	1 31	2 8	34 48	12 20	20 43	21 1	8 36		n.a.
W 6	12 14	6 29	4 15	5 30	1 6	26 34	3 16	20 52	0 56	20 31	1 7	22 5	0 43	15 30	0 13	1 31	2 8	34 48	12 20	20 43	21 0	8 38		n.a.
T 7	12 35	11 37	3 19	6 11	1 0	26 37	3 13	21 3	0 57	20 30	1 8	22 4	0 43	15 29	0 13	1 32	2 8	34 47	12 19	20 42	20 59	8 40		n.a.
F 8	12 57	16 2	2 8	6 52	0 53	26 39	3 11	21 14	0 57	20 29	1 8	22 4	0 43	15 28	0 13	1 32	2 8	34 47	12 19	20 41	20 59	8 42		n.a.
S 9	13 18	19 19	0 49	7 33	0 46	26 40	3 8	21 25	0 58	20 28	1 8	22 4	0 43	15 27	0 13	1 33	2 8	34 47	12 19	20 41	20 58	8 44		n.a.
S 10	13 39	21 15	0n31	8 14	0 39	26 40	3 5	21 35	0 58	20 27	1 8	22 3	0 42	15 26	0 13	1 33	2 8	34 46	12 18	20 41	20 57	8 46		n.a.
M11	13 59	21 44	1 48	8 55	0 32	26 40	3 2	21 46	0 58	20 27	1 9	22 3	0 42	15 26	0 13	1 34	2 8	34 46	12 18	20 41	20 57	8 48		n.a.
T 12	14 20	20 52	2 55	9 35	0 25	26 40	2 58	21 56	0 59	20 26	1 9	22 3	0 42	15 25	0 13	1 34	2 8	34 46	12 18	20 41	20 56	8 50		n.a.
W13	14 40	18 49	3 51	10 15	0 18	26 39	2 55	22 5	0 59	20 25	1 9	22 2	0 42	15 24	0 13	1 35	2 8	34 45	12 18	20 42	20 56	8 53		n.a.
T 14	15 0	15 52	4 34	10 55	0 11	26 37	2 51	22 15	0 59	20 24	1 10	22 2	0 42	15 23	0 13	1 35	2 8	34 45	12 18	20 42	20 55	8 55		n.a.
F 15	15 19	12 16	5 1	11 35	0 4	26 34	2 47	22 24	1 0	20 24	1 10	22 1	0 42	15 22	0 13	1 36	2 8	34 45	12 17	20 42	20 54	8 57		n.a.
S 16	15 38	8 14	5 14	12 14	0s 3	26 31	2 42	22 33	1 0	20 23	1 10	22 1	0 42	15 22	0 13	1 36	2 8	34 44	12 17	20 42	20 54	8 59		n.a.
S 17	15 58	3 57	5 13	12 53	0 9	26 27	2 38	22 42	1 0	20 23	1 10	22 0	0 42	15 21	0 13	1 36	2 8	34 44	12 17	20 41	20 53	9 1		n.a.
M18	16 16	0n26	4 59	13 31	0 16	26 23	2 33	22 51	1 1	20 22	1 11	22 0	0 42	15 20	0 13	1 37	2 8	34 44	12 17	20 41	20 52	9 3		n.a.
T 19	16 35	4 47	4 31	14 9	0 22	26 19	2 27	22 59	1 1	20 22	1 11	21 59	0 42	15 19	0 13	1 37	2 8	34 43	12 16	20 40	20 52	9 5		n.a.
W20	16 53	8 57	3 53	14 46	0 29	26 13	2 22	23 7	1 1	20 21	1 11	21 59	0 42	15 18	0 13	1 38	2 8	34 43	12 16	20 40	20 51	9 7		n.a.
T 21	17 11	12 47	3 4	15 22	0 35	26 7	2 16	23 15	1 2	20 21	1 12	21 59	0 42	15 18	0 13	1 38	2 8	34 42	12 16	20 39	20 50	9 9		n.a.
F 22	17 28	16 9	2 6	15 59	0 41	26 1	2 10	23 22	1 2	20 21	1 12	21 58	0 42	15 17	0 13	1 38	2 7	34 42	12 16	20 39	20 50	9 12		n.a.
S 23	17 46	18 51	1 3	16 34	0 47	25 54	2 3	23 30	1 2	20 20	1 12	21 58	0 42	15 16	0 13	1 39	2 7	34 42	12 15	20 39	20 49	9 14		n.a.
S 24	18 3	20 44	0s 4	17 9	0 53	25 47	1 56	23 36	1 2	20 20	1 13	21 57	0 42	15 15	0 13	1 39	2 7	34 41	12 15	20 39	20 48	9 16		n.a.
M25	18 19	21 39	1 12	17 43	0 59	25 39	1 49	23 43	1 3	20 20	1 13	21 57	0 42	15 14	0 13	1 39	2 7	34 41	12 15	20 39	20 48	9 18		n.a.
T 26	18 35	21 31	2 17	18 16	1 4	25 31	1 42	23 50	1 3	20 20	1 13	21 56	0 41	15 14	0 13	1 40	2 7	34 41	12 15	20 39	20 47	9 20		n.a.
W27	18 51	20 18	3 16	18 49	1 10	25 22	1 34	23 56	1 3	20 20	1 14	21 55	0 41	15 13	0 13	1 40	2 7	34 40	12 15	20 39	20 46	9 22		n.a.
T 28	19 7	18 0	4 7	19 20	1 15	25 13	1 26	24 2	1 3	20 20	1 14	21 55	0 41	15 12	0 13	1 40	2 7	34 40	12 14	20 39	20 46	9 24		n.a.
F 29	19 22	14 45	4 46	19 51	1 20	25 4	1 18	24 7	1 4	20 20	1 14	21 54	0 41	15 11	0 13	1 41	2 7	34 40	12 14	20 39	20 45	9 26		n.a.
S 30	19s37	10n40	5s10	20s21	1s25	24s54	1s 9	24s13	1s 4	20n20	1n14	21n54	0s41	15n11	0s13	1s41	2s 7	34s39	12s14	20s39	20s44	9n28		n.a.

Julian Day Number = 1205263.5, Delta T = 09h18m26s
Ecliptic obliquity = 23°51'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'30, Lahiri = -23°27'29 Julian Calendar 1 Nov. 1414 BCE == Greg. Calendar 19 Oct. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1414 BCE
geocentric

DECEMBER 1414 BCE (-1413) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 46 45	27♏ 7'16	2♍ 9	25♏ 8	5♑52	17♐10	5♌53	11°R33	10°R57	0°R37	18♑32	0°R42	1♐ 3	15♈16	n.a.	S 1
M 2	3 50 42	28° 8'32	16°15	26°46	6°17	17°57	5°54	11♊29	10♉54	0♈36	18°34	0♐42	1° 0	15°22	n.a.	M 2
T 3	3 54 39	29° 9'48	0♎38	28°24	6°41	18°45	5°54	11°24	10°52	0°35	18°35	0°42	0°56	15°29	n.a.	T 3
W 4	3 58 35	0♐11'03	15°16	0♐ 3	7° 2	19°32	5°R54	11°19	10°49	0°35	18°36	0°D42	0°53	15°36	n.a.	W 4
T 5	4 2 32	1°12'18	0♏ 3	1°42	7°22	20°19	5°54	11°14	10°47	0°34	18°37	0°42	0°50	15°42	n.a.	T 5
F 6	4 6 28	2°13'32	14°54	3°21	7°39	21° 7	5°54	11°10	10°45	0°33	18°38	0°42	0°47	15°49	n.a.	F 6
S 7	4 10 25	3°14'46	29°40	5° 1	7°55	21°54	5°54	11° 5	10°42	0°33	18°40	0°R42	0°44	15°56	n.a.	S 7
S 8	4 14 21	4°16'00	14♐14	6°42	8° 8	22°41	5°53	11° 0	10°40	0°32	18°41	0°42	0°40	16° 3	n.a.	S 8
M 9	4 18 18	5°17'12	28°30	8°23	8°19	23°29	5°52	10°55	10°38	0°32	18°42	0°41	0°37	16° 9	n.a.	M 9
T 10	4 22 14	6°18'24	12♑23	10° 4	8°28	24°16	5°51	10°50	10°35	0°31	18°43	0°41	0°34	16°16	n.a.	T 10
W11	4 26 11	7°19'34	25°52	11°46	8°35	25° 4	5°50	10°45	10°33	0°31	18°45	0°40	0°31	16°23	n.a.	W11
T 12	4 30 8	8°20'43	8♒56	13°29	8°39	25°51	5°48	10°40	10°31	0°30	18°46	0°39	0°28	16°29	n.a.	T 12
F 13	4 34 4	9°21'51	21°37	15°12	8°R40	26°38	5°47	10°35	10°29	0°30	18°47	0°38	0°25	16°36	n.a.	F 13
S 14	4 38 1	10°22'58	3♓59	16°55	8°40	27°26	5°45	10°30	10°27	0°29	18°49	0°38	0°21	16°43	n.a.	S 14
S 15	4 41 57	11°24'04	16° 6	18°39	8°36	28°13	5°43	10°25	10°24	0°29	18°50	0°D38	0°18	16°49	n.a.	S 15
M16	4 45 54	12°25'08	28° 2	20°23	8°30	29° 0	5°41	10°20	10°22	0°29	18°51	0°38	0°15	16°56	n.a.	M16
T 17	4 49 50	13°26'11	9♈53	22° 7	8°22	29°48	5°38	10°15	10°20	0°29	18°53	0°39	0°12	17° 3	n.a.	T 17
W18	4 53 47	14°27'12	21°42	23°51	8°11	0♑35	5°36	10°10	10°18	0°28	18°54	0°41	0° 9	17° 9	n.a.	W18
T 19	4 57 44	15°28'13	3♉35	25°36	7°57	1°22	5°33	10° 6	10°16	0°28	18°56	0°42	0° 6	17°16	n.a.	T 19
F 20	5 1 40	16°29'11	15°34	27°20	7°41	2°10	5°30	10° 1	10°14	0°28	18°57	0°43	0° 2	17°23	n.a.	F 20
S 21	5 5 37	17°30'09	27°44	29° 4	7°23	2°57	5°27	9°56	10°12	0°28	18°58	0°R44	29♏59	17°29	n.a.	S 21
S 22	5 9 33	18°31'05	10♊ 5	0♑48	7° 2	3°44	5°24	9°51	10°11	0°28	19° 0	0°44	29°56	17°36	n.a.	S 22
M23	5 13 30	19°32'00	22°40	2°31	6°38	4°31	5°20	9°46	10° 9	0°28	19° 1	0°42	29°53	17°43	n.a.	M23
T 24	5 17 26	20°32'54	5♋29	4°13	6°13	5°19	5°16	9°41	10° 7	0°D28	19° 3	0°40	29°50	17°49	n.a.	T 24
W25	5 21 23	21°33'46	18°32	5°54	5°45	6° 6	5°13	9°36	10° 5	0°28	19° 4	0°37	29°46	17°56	n.a.	W25
T 26	5 25 19	22°34'38	1♌49	7°33	5°16	6°53	5° 9	9°32	10° 3	0°28	19° 6	0°34	29°43	18° 3	n.a.	T 26
F 27	5 29 16	23°35'28	15°18	9°10	4°45	7°40	5° 4	9°27	10° 2	0°28	19° 7	0°30	29°40	18°10	n.a.	F 27
S 28	5 33 13	24°36'16	28°59	10°45	4°12	8°28	5° 0	9°22	10° 0	0°28	19° 9	0°28	29°37	18°16	n.a.	S 28
S 29	5 37 9	25°37'04	12♍51	12°17	3°38	9°15	4°56	9°18	9°59	0°28	19°10	0°26	29°34	18°23	n.a.	S 29
M30	5 41 6	26°37'50	26°52	13°45	3° 2	10° 2	4°51	9°13	9°57	0°28	19°12	0°D25	29°31	18°30	n.a.	M30
T 31	5 45 2	27♐38'35	11♎ 2	15♑10	2♑26	10♑49	4♌46	9♊ 8	9♉55	0♈28	19♑14	0♐26	29♏27	18♈36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s52	5n57	5s18	20s50	1s29	24s43	1s 0	24s18	1s 4	20n20	1n15	21n53	0s41	15n10	0s13	1s41	2s 7	34s39	12s14	20s39	20s44	9n30		n.a.
M 2	20 6	0 50	5 6	21 18	1 34	24 33	0 50	24 22	1 4	20 20	1 15	21 53	0 41	15 9	0 13	1 41	2 7	34 38	12 14	20 39	20 43	9 32		n.a.
T 3	20 19	4s27	4 36	21 45	1 38	24 22	0 40	24 27	1 5	20 20	1 15	21 52	0 41	15 8	0 13	1 42	2 7	34 38	12 13	20 39	20 42	9 35		n.a.
W 4	20 33	9 35	3 47	22 10	1 42	24 10	0 30	24 31	1 5	20 21	1 16	21 52	0 41	15 8	0 13	1 42	2 7	34 38	12 13	20 39	20 42	9 37		n.a.
T 5	20 46	14 13	2 42	22 35	1 45	23 59	0 19	24 35	1 5	20 21	1 16	21 51	0 41	15 7	0 13	1 42	2 7	34 37	12 13	20 39	20 41	9 39		n.a.
F 6	20 58	17 58	1 27	22 58	1 49	23 47	0 8	24 38	1 5	20 21	1 16	21 50	0 41	15 6	0 13	1 42	2 7	34 37	12 13	20 39	20 40	9 41		n.a.
S 7	21 10	20 32	0 6	23 20	1 51	23 34	0n 3	24 42	1 5	20 22	1 17	21 50	0 40	15 5	0 13	1 43	2 7	34 37	12 13	20 39	20 40	9 43		n.a.
S 8	21 22	21 41	1n15	23 41	1 54	23 22	0 15	24 45	1 5	20 22	1 17	21 49	0 40	15 5	0 13	1 43	2 7	34 36	12 12	20 39	20 39	9 45		n.a.
M 9	21 33	21 23	2 28	24 0	1 56	23 9	0 27	24 47	1 6	20 23	1 17	21 49	0 40	15 4	0 13	1 43	2 6	34 36	12 12	20 39	20 38	9 47		n.a.
T 10	21 44	19 46	3 32	24 18	1 58	22 56	0 39	24 50	1 6	20 23	1 18	21 48	0 40	15 3	0 13	1 43	2 6	34 36	12 12	20 39	20 38	9 49		n.a.
W11	21 55	17 4	4 21	24 34	2 0	22 43	0 52	24 52	1 6	20 24	1 18	21 47	0 40	15 2	0 13	1 43	2 6	34 35	12 12	20 39	20 37	9 51		n.a.
T 12	22 5	13 36	4 55	24 49	2 1	22 30	1 5	24 54	1 6	20 25	1 18	21 47	0 40	15 2	0 13	1 43	2 6	34 35	12 12	20 39	20 36	9 53		n.a.
F 13	22 15	9 36	5 13	25 2	2 1	22 16	1 18	24 55	1 6	20 25	1 18	21 46	0 40	15 1	0 13	1 43	2 6	34 34	12 12	20 39	20 36	9 55		n.a.
S 14	22 24	5 18	5 17	25 13	2 2	22 2	1 32	24 56	1 6	20 26	1 19	21 46	0 40	15 0	0 13	1 43	2 6	34 34	12 12	20 38	20 35	9 57		n.a.
S 15	22 33	0 53	5 6	25 23	2 1	21 49	1 46	24 57	1 6	20 27	1 19	21 45	0 40	15 0	0 13	1 44	2 6	34 34	12 11	20 38	20 34	9 59		n.a.
M16	22 41	3n30	4 42	25 30	2 1	21 35	2 0	24 58	1 7	20 28	1 19	21 44	0 40	14 59	0 13	1 44	2 6	34 33	12 11	20 39	20 34	10 1		n.a.
T 17	22 49	7 44	4 6	25 36	1 59	21 21	2 15	24 58	1 7	20 29	1 20	21 44	0 39	14 59	0 13	1 44	2 6	34 33	12 11	20 39	20 33	10 3		n.a.
W18	22 56	11 41	3 20	25 40	1 57	21 7	2 30	24 58	1 7	20 30	1 20	21 43	0 39	14 58	0 13	1 44	2 6	34 33	12 11	20 39	20 32	10 5		n.a.
T 19	23 3	15 12	2 25	25 42	1 55	20 53	2 45	24 58	1 7	20 31	1 20	21 43	0 39	14 57	0 13	1 44	2 6	34 32	12 11	20 39	20 32	10 7		n.a.
F 20	23 10	18 7	1 23	25 42	1 52	20 39	3 0	24 57	1 7	20 32	1 21	21 42	0 39	14 57	0 13	1 44	2 6	34 32	12 11	20 40	20 31	10 9		n.a.
S 21	23 16	20 16	0 17	25 39	1 48	20 25	3 15	24 57	1 7	20 33	1 21	21 41	0 39	14 56	0 13	1 44	2 6	34 32	12 11	20 40	20 30	10 11		n.a.
S 22	23 21	21 30	0s52	25 35	1 43	20 11	3 30	24 55	1 7	20 34	1 21	21 41	0 39	14 55	0 13	1 44	2 6	34 31	12 10	20 40	20 29	10 13		n.a.
M23	23 26	21 41	1 58	25 28	1 38	19 57	3 45	24 54	1 7	20 35	1 21	21 40	0 39	14 55	0 13	1 44	2 5	34 31	12 10	20 39	20 29	10 15		n.a.
T 24	23 31	20 45	3 0	25 19	1 32	19 43	4 0	24 52	1 7	20 36	1 22	21 39	0 39	14 54	0 13	1 44	2 5	34 31	12 10	20 39	20 28	10 17		n.a.
W25	23 35	18 41	3 54	25 9	1 25	19 29	4 15	24 50	1 7	20 37	1 22	21 39	0 38	14 54	0 13	1 43	2 5	34 30	12 10	20 38	20 27	10 19		n.a.
T 26	23 39	15 37	4 36	24 56	1 17	19 16	4 29	24 48	1 7	20 39	1 22	21 38	0 38	14 53	0 13	1 43	2 5	34 30	12 10	20 38	20 27	10 21		n.a.
F 27	23 42	11 42	5 4	24 41	1 9	19 3	4 44	24 45	1 7	20 40	1 23	21 38	0 38	14 53	0 13	1 43	2 5	34 30	12 10	20 37	20 26	10 23		n.a.
S 28	23 45	7 7	5 14	24 24	1 0	18 50	4 58	24 42	1 7	20 41	1 23	21 37	0 38	14 52	0 13	1 43	2 5	34 29	12 10	20 36	20 25	10 25		n.a.
S 29	23 47	2 8	5 7	24 6	0 49	18 37	5 12	24 39	1 7	20 43	1 23	21 37	0 38	14 52	0 13	1 43	2 5	34 29	12 10	20 36	20 25	10 27		n.a.
M30	23 49	3s 2	4 42	23 46	0 38	18 25	5 25	24 35	1 7	20 44	1 23	21 36	0 38	14 51	0 13	1 43	2 5	34 29	12 10	20 36	20 24	10 29		n.a.
T 31	23s50	8s 6	3s59	23s25	0s26	18s13	5n37	24s32	1s 7	20n46	1n24	21n35	0s38	14n51	0s13	1s43	2s 5	34s28	12s10	20s36	20s23	10n31		n.a.

Julian Day Number = 1205293.5, Delta T = 09h18m25s
Ecliptic obliquity = 23°51'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'26, Lahiri = -23°27'25 Julian Calendar 1 Dec. 1414 BCE == Greg. Calendar 18 Nov. 1414 BCE

The year -1413 astronomical counting style corresponds to year 1414 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

JANUARY 1413 BCE (-1412) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 48 59	28♐39'19	25♎18	16♑29	1°R49	11♑36	4°R41	9°R 4	9°R54	0♈29	19♑15	0♐27	29♏24	18♈43	n.a.	W 1
T 2	5 52 55	29°40'01	9♏38	17°43	1♑12	12°23	4♌36	8♊59	9♉53	0°29	19°17	0°29	29°21	18°50	n.a.	T 2
F 3	5 56 52	0♑40'43	24° 0	18°50	0°34	13°10	4°31	8°55	9°51	0°29	19°18	0°R30	29°18	18°56	n.a.	F 3
S 4	6 0 48	1°41'22	8♐18	19°51	29♐57	13°57	4°25	8°51	9°50	0°30	19°20	0°30	29°15	19° 3	n.a.	S 4
S 5	6 4 45	2°42'01	22°30	20°44	29°20	14°45	4°19	8°46	9°49	0°30	19°21	0°28	29°12	19°10	n.a.	S 5
M 6	6 8 42	3°42'38	6♑30	21°28	28°43	15°32	4°14	8°42	9°47	0°31	19°23	0°25	29° 8	19°16	n.a.	M 6
T 7	6 12 38	4°43'13	20°13	22° 3	28° 8	16°19	4° 8	8°38	9°46	0°31	19°25	0°20	29° 5	19°23	n.a.	T 7
W 8	6 16 35	5°43'46	3♒38	22°29	27°33	17° 6	4° 2	8°34	9°45	0°31	19°26	0°14	29° 2	19°30	n.a.	W 8
T 9	6 20 31	6°44'17	16°41	22°45	27° 0	17°53	3°56	8°30	9°44	0°32	19°28	0° 7	28°59	19°36	n.a.	T 9
F 10	6 24 28	7°44'46	29°25	22°R51	26°28	18°39	3°49	8°26	9°43	0°33	19°30	0° 1	28°56	19°43	n.a.	F 10
S 11	6 28 24	8°45'13	11♓49	22°46	25°58	19°26	3°43	8°22	9°42	0°33	19°31	29♏57	28°52	19°50	n.a.	S 11
S 12	6 32 21	9°45'38	23°58	22°32	25°30	20°13	3°36	8°18	9°41	0°34	19°33	29°53	28°49	19°56	n.a.	S 12
M13	6 36 17	10°46'01	5♈56	22° 7	25° 3	21° 0	3°30	8°14	9°40	0°34	19°34	29°D52	28°46	20° 3	n.a.	M13
T 14	6 40 14	11°46'22	17°47	21°34	24°39	21°47	3°23	8°11	9°39	0°35	19°36	29°52	28°43	20°10	n.a.	T 14
W15	6 44 11	12°46'40	29°36	20°52	24°17	22°34	3°16	8° 7	9°38	0°36	19°38	29°53	28°40	20°16	n.a.	W15
T 16	6 48 7	13°46'57	11♉30	20° 3	23°58	23°21	3° 9	8° 3	9°38	0°37	19°39	29°55	28°37	20°23	n.a.	T 16
F 17	6 52 4	14°47'11	23°31	19° 8	23°40	24° 7	3° 2	8° 0	9°37	0°37	19°41	29°56	28°33	20°30	n.a.	F 17
S 18	6 56 0	15°47'23	5♊46	18° 8	23°26	24°54	2°55	7°57	9°36	0°38	19°43	29°R56	28°30	20°36	n.a.	S 18
S 19	6 59 57	16°47'34	18°18	17° 6	23°13	25°41	2°48	7°53	9°36	0°39	19°44	29°54	28°27	20°43	n.a.	S 19
M20	7 3 53	17°47'41	1♋ 7	16° 2	23° 3	26°27	2°41	7°50	9°35	0°40	19°46	29°50	28°24	20°50	n.a.	M20
T 21	7 7 50	18°47'47	14°17	14°59	22°56	27°14	2°33	7°47	9°35	0°41	19°48	29°44	28°21	20°56	n.a.	T 21
W22	7 11 46	19°47'51	27°45	13°57	22°51	28° 1	2°26	7°44	9°34	0°42	19°49	29°36	28°17	21° 3	n.a.	W22
T 23	7 15 43	20°47'53	11♌29	12°58	22°D49	28°47	2°19	7°41	9°34	0°43	19°51	29°27	28°14	21°10	n.a.	T 23
F 24	7 19 40	21°47'53	25°25	12° 3	22°49	29°34	2°11	7°38	9°34	0°44	19°53	29°19	28°11	21°16	n.a.	F 24
S 25	7 23 36	22°47'51	9♍31	11°13	22°51	0♒20	2° 3	7°35	9°33	0°45	19°54	29°11	28° 8	21°23	n.a.	S 25
S 26	7 27 33	23°47'47	23°41	10°29	22°56	1° 7	1°56	7°33	9°33	0°46	19°56	29° 5	28° 5	21°30	n.a.	S 26
M27	7 31 29	24°47'41	7♎52	9°51	23° 3	1°53	1°48	7°30	9°33	0°47	19°58	29° 2	28° 2	21°37	n.a.	M27
T 28	7 35 26	25°47'33	22° 2	9°20	23°12	2°39	1°40	7°28	9°33	0°48	19°59	29°D 0	27°58	21°43	n.a.	T 28
W29	7 39 22	26°47'24	6♏ 8	8°55	23°24	3°26	1°33	7°25	9°33	0°50	20° 1	29° 1	27°55	21°50	n.a.	W29
T 30	7 43 19	27°47'13	20°11	8°37	23°38	4°12	1°25	7°23	9°D33	0°51	20° 3	29° 1	27°52	21°57	n.a.	T 30
F 31	7 47 15	28♑47'00	4♐ 8	8♑25	23♐53	4♒58	1♌17	7♊21	9♉33	0♈52	20♑ 4	29°R 1	27♏49	22♈ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23s51	12s45	3s 1	23s 2	0s13	18s 1	5n50	24s28	1s 7	20n47	1n24	21n35	0s38	14n50	0s13	1s43	2s 5	34s28	12s10	20s36	20s23	10n33			n.a.
T 2	23 52	16 43	1 52	22 39	0n 1	17 50	6 1	24 23	1 7	20 49	1 24	21 34	0 37	14 50	0 13	1 42	2 5	34 28	12 10	20 37	20 22	10 35			n.a.
F 3	23 51	19 40	0 36	22 16	0 15	17 40	6 12	24 19	1 7	20 50	1 25	21 34	0 37	14 49	0 13	1 42	2 5	34 27	12 9	20 37	20 21	10 37			n.a.
S 4	23 51	21 22	0n43	21 52	0 30	17 30	6 22	24 14	1 7	20 52	1 25	21 33	0 37	14 49	0 13	1 42	2 5	34 27	12 9	20 37	20 20	10 39			n.a.
S 5	23 50	21 41	1 58	21 28	0 46	17 20	6 31	24 8	1 7	20 53	1 25	21 33	0 37	14 49	0 13	1 42	2 5	34 27	12 9	20 36	20 20	10 41			n.a.
M 6	23 48	20 38	3 4	21 5	1 3	17 12	6 40	24 3	1 7	20 55	1 25	21 32	0 37	14 48	0 13	1 41	2 4	34 27	12 9	20 36	20 19	10 43			n.a.
T 7	23 46	18 23	3 59	20 43	1 20	17 4	6 47	23 57	1 7	20 57	1 25	21 32	0 37	14 48	0 13	1 41	2 4	34 26	12 9	20 35	20 18	10 45			n.a.
W 8	23 44	15 10	4 38	20 22	1 37	16 56	6 54	23 51	1 7	20 58	1 26	21 31	0 37	14 48	0 13	1 41	2 4	34 26	12 9	20 33	20 18	10 47			n.a.
T 9	23 41	11 18	5 3	20 2	1 54	16 50	7 0	23 45	1 7	21 0	1 26	21 31	0 36	14 47	0 12	1 41	2 4	34 26	12 9	20 32	20 17	10 49			n.a.
F 10	23 38	7 2	5 11	19 45	2 10	16 44	7 5	23 38	1 7	21 2	1 26	21 30	0 36	14 47	0 12	1 40	2 4	34 25	12 9	20 31	20 16	10 51			n.a.
S 11	23 34	2 34	5 4	19 29	2 27	16 39	7 9	23 31	1 7	21 4	1 26	21 30	0 36	14 47	0 12	1 40	2 4	34 25	12 9	20 30	20 16	10 53			n.a.
S 12	23 30	1n54	4 44	19 16	2 43	16 34	7 13	23 24	1 7	21 5	1 27	21 29	0 36	14 46	0 12	1 40	2 4	34 25	12 9	20 29	20 15	10 55			n.a.
M13	23 25	6 14	4 12	19 5	2 57	16 31	7 15	23 17	1 7	21 7	1 27	21 29	0 36	14 46	0 12	1 39	2 4	34 25	12 9	20 29	20 14	10 57			n.a.
T 14	23 20	10 18	3 29	18 57	3 11	16 28	7 17	23 9	1 7	21 9	1 27	21 28	0 36	14 46	0 12	1 39	2 4	34 24	12 9	20 29	20 13	10 59			n.a.
W15	23 14	13 58	2 37	18 52	3 23	16 26	7 18	23 2	1 6	21 11	1 27	21 28	0 36	14 46	0 12	1 39	2 4	34 24	12 9	20 29	20 13	11 1			n.a.
T 16	23 8	17 6	1 38	18 49	3 33	16 25	7 19	22 53	1 6	21 13	1 27	21 27	0 35	14 45	0 12	1 38	2 4	34 24	12 9	20 29	20 12	11 3			n.a.
F 17	23 1	19 32	0 35	18 48	3 42	16 24	7 18	22 45	1 6	21 14	1 28	21 27	0 35	14 45	0 12	1 38	2 4	34 24	12 9	20 29	20 11	11 5			n.a.
S 18	22 54	21 8	0s32	18 50	3 48	16 25	7 18	22 36	1 6	21 16	1 28	21 26	0 35	14 45	0 12	1 38	2 4	34 23	12 9	20 29	20 11	11 6			n.a.
S 19	22 47	21 43	1 38	18 54	3 52	16 26	7 16	22 28	1 6	21 18	1 28	21 26	0 35	14 45	0 12	1 37	2 4	34 23	12 9	20 29	20 10	11 8			n.a.
M20	22 39	21 11	2 40	19 0	3 54	16 27	7 14	22 18	1 6	21 20	1 28	21 26	0 35	14 45	0 12	1 37	2 3	34 23	12 9	20 28	20 9	11 10			n.a.
T 21	22 31	19 30	3 36	19 7	3 54	16 29	7 11	22 9	1 6	21 22	1 28	21 25	0 35	14 45	0 12	1 36	2 3	34 23	12 9	20 27	20 8	11 12			n.a.
W22	22 22	16 43	4 21	19 16	3 52	16 32	7 8	22 0	1 6	21 24	1 29	21 25	0 34	14 44	0 12	1 36	2 3	34 22	12 9	20 25	20 8	11 14			n.a.
T 23	22 13	12 58	4 51	19 26	3 48	16 36	7 4	21 50	1 5	21 26	1 29	21 25	0 34	14 44	0 12	1 35	2 3	34 22	12 9	20 23	20 7	11 16			n.a.
F 24	22 4	8 29	5 6	19 37	3 42	16 40	7 0	21 40	1 5	21 28	1 29	21 24	0 34	14 44	0 12	1 35	2 3	34 22	12 9	20 21	20 6	11 18			n.a.
S 25	21 54	3 30	5 1	19 49	3 34	16 44	6 56	21 29	1 5	21 30	1 29	21 24	0 34	14 44	0 12	1 34	2 3	34 22	12 9	20 20	20 6	11 20			n.a.
S 26	21 43	1s42	4 39	20 2	3 25	16 50	6 51	21 19	1 5	21 31	1 29	21 24	0 34	14 44	0 12	1 34	2 3	34 21	12 9	20 18	20 5	11 22			n.a.
M27	21 33	6 49	3 59	20 15	3 15	16 55	6 46	21 8	1 5	21 33	1 29	21 23	0 34	14 44	0 12	1 33	2 3	34 21	12 10	20 18	20 4	11 24			n.a.
T 28	21 21	11 34	3 5	20 28	3 4	17 1	6 40	20 57	1 4	21 35	1 29	21 23	0 34	14 44	0 12	1 33	2 3	34 21	12 10	20 17	20 3	11 26			n.a.
W29	21 10	15 40	1 59	20 42	2 52	17 7	6 35	20 46	1 4	21 37	1 30	21 23	0 33	14 44	0 12	1 32	2 3	34 21	12 10	20 17	20 3	11 27			n.a.
T 30	20 58	18 51	0 47	20 55	2 40	17 14	6 29	20 35	1 4	21 39	1 30	21 23	0 33	14 44	0 12	1 32	2 3	34 21	12 10	20 18	20 2	11 29			n.a.
F 31	20s46	20s54	0n27	21s 9	2n27	17s21	6n23	20s23	1s 4	21n41	1n30	21n23	0s33	14n44	0s12	1s31	2s 3	34s20	12s10	20s18	20s 1	11n31			n.a.

Julian Day Number = 1205324.5, Delta T = 09h18m23s
Ecliptic obliquity = 23°51'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'21, Lahiri = -23°27'21 Julian Calendar 1 Jan. 1413 BCE == Greg. Calendar 19 Dec. 1414 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

FEBRUARY 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 51 12	29♉46'45	18♐ 0	8°D20	24♐11	5♒44	1°R 9	7°R19	9♉33	0♈53	20♉ 6	29°R 0	27♏46	22♈10	n.a.	S 1
S 2	7 55 9	0♒46'28	1♉44	8♉21	24°31	6°31	1♌ 1	7♊17	9°33	0°55	20° 8	28♏56	27°43	22°17	n.a.	S 2
M 3	7 59 5	1°46'10	15°18	8°28	24°52	7°17	0°54	7°15	9°33	0°56	20° 9	28°49	27°39	22°23	n.a.	M 3
T 4	8 3 2	2°45'49	28°41	8°41	25°16	8° 3	0°46	7°13	9°34	0°57	20°11	28°40	27°36	22°30	n.a.	T 4
W 5	8 6 58	3°45'26	11♒50	8°59	25°41	8°49	0°38	7°12	9°34	0°59	20°12	28°28	27°33	22°37	n.a.	W 5
T 6	8 10 55	4°45'01	24°43	9°22	26° 8	9°35	0°30	7°10	9°34	1° 0	20°14	28°16	27°30	22°43	n.a.	T 6
F 7	8 14 51	5°44'33	7♓20	9°50	26°36	10°21	0°23	7° 9	9°35	1° 1	20°16	28° 5	27°27	22°50	n.a.	F 7
S 8	8 18 48	6°44'03	19°41	10°22	27° 6	11° 7	0°15	7° 7	9°35	1° 3	20°17	27°55	27°23	22°57	n.a.	S 8
S 9	8 22 44	7°43'31	1♈48	10°59	27°37	11°53	0° 7	7° 6	9°36	1° 4	20°19	27°47	27°20	23° 3	n.a.	S 9
M10	8 26 41	8°42'56	13°45	11°40	28°10	12°39	29♋59	7° 5	9°36	1° 6	20°20	27°41	27°17	23°10	n.a.	M10
T 11	8 30 37	9°42'19	25°36	12°24	28°44	13°25	29°52	7° 4	9°37	1° 7	20°22	27°38	27°14	23°17	n.a.	T 11
W12	8 34 34	10°41'39	7♉24	13°12	29°19	14°10	29°44	7° 3	9°38	1° 9	20°24	27°D37	27°11	23°23	n.a.	W12
T 13	8 38 31	11°40'57	19°17	14° 3	29°56	14°56	29°37	7° 2	9°38	1°11	20°25	27°38	27° 8	23°30	n.a.	T 13
F 14	8 42 27	12°40'13	1♊19	14°57	0♉34	15°42	29°29	7° 2	9°39	1°12	20°27	27°R38	27° 4	23°37	n.a.	F 14
S 15	8 46 24	13°39'26	13°35	15°55	1°13	16°28	29°22	7° 1	9°40	1°14	20°28	27°37	27° 1	23°43	n.a.	S 15
S 16	8 50 20	14°38'36	26°10	16°55	1°53	17°13	29°14	7° 1	9°41	1°15	20°30	27°34	26°58	23°50	n.a.	S 16
M17	8 54 17	15°37'45	9♋ 8	17°58	2°34	17°59	29° 7	7° 0	9°42	1°17	20°31	27°28	26°55	23°57	n.a.	M17
T 18	8 58 13	16°36'51	22°31	19° 3	3°17	18°44	29° 0	7° 0	9°43	1°19	20°33	27°20	26°52	24° 3	n.a.	T 18
W19	9 2 10	17°35'54	6♌17	20°10	4° 0	19°30	28°53	7° 0	9°44	1°21	20°34	27° 9	26°49	24°10	n.a.	W19
T 20	9 6 6	18°34'55	20°25	21°20	4°44	20°15	28°46	7°D 0	9°45	1°22	20°36	26°58	26°45	24°17	n.a.	T 20
F 21	9 10 3	19°33'54	4♍49	22°32	5°29	21° 1	28°39	7° 0	9°46	1°24	20°37	26°46	26°42	24°23	n.a.	F 21
S 22	9 14 0	20°32'51	19°22	23°47	6°15	21°46	28°32	7° 0	9°47	1°26	20°39	26°35	26°39	24°30	n.a.	S 22
S 23	9 17 56	21°31'46	3♎57	25° 3	7° 2	22°31	28°25	7° 1	9°49	1°28	20°40	26°27	26°36	24°37	n.a.	S 23
M24	9 21 53	22°30'39	18°29	26°21	7°50	23°16	28°19	7° 1	9°50	1°29	20°42	26°22	26°33	24°43	n.a.	M24
T 25	9 25 49	23°29'30	2♏52	27°41	8°38	24° 2	28°12	7° 2	9°51	1°31	20°43	26°19	26°29	24°50	n.a.	T 25
W26	9 29 46	24°28'19	17° 3	29° 3	9°28	24°47	28° 6	7° 2	9°53	1°33	20°45	26°18	26°26	24°57	n.a.	W26
T 27	9 33 42	25°27'07	1♐ 1	0♒27	10°18	25°32	28° 0	7° 3	9°54	1°35	20°46	26°18	26°23	25° 3	n.a.	T 27
F 28	9 37 39	26°25'53	14°47	1°52	11° 8	26°17	27°54	7° 4	9°56	1°37	20°48	26°17	26°20	25°10	n.a.	F 28
S 29	9 41 35	27♒24'37	28♐21	3♒19	12♉ 0	27♒ 2	27♋48	7♊ 5	9♉57	1♈39	20♉49	26♏15	26♏17	25♈17	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20s33	21s39	1n40	21s22	2n14	17s28	6n16	20s12	1s 4	21n43	1n30	21n22	0s33	14n44	0s12	1s31	2s 3	34s20	12s10	20s17	20s 0	11n33		n.a.	S 1
S 2	20 20	21 6	2 45	21 35	2 0	17 35	6 10	20 0	1 3	21 45	1 30	21 22	0 33	14 44	0 12	1 30	2 3	34 20	12 10	20 16	20 0	11 35		n.a.	S 2
M 3	20 7	19 19	3 41	21 48	1 47	17 43	6 3	19 48	1 3	21 46	1 30	21 22	0 33	14 44	0 12	1 30	2 3	34 20	12 10	20 15	19 59	11 37		n.a.	M 3
T 4	19 53	16 30	4 23	22 1	1 34	17 51	5 56	19 35	1 3	21 48	1 30	21 22	0 32	14 44	0 12	1 29	2 3	34 20	12 10	20 13	19 58	11 39		n.a.	T 4
W 5	19 39	12 54	4 50	22 13	1 21	17 59	5 49	19 23	1 3	21 50	1 30	21 22	0 32	14 45	0 12	1 28	2 2	34 20	12 10	20 10	19 58	11 41		n.a.	W 5
T 6	19 25	8 46	5 2	22 24	1 7	18 6	5 42	19 10	1 3	21 52	1 30	21 22	0 32	14 45	0 12	1 28	2 2	34 19	12 10	20 7	19 57	11 43		n.a.	T 6
F 7	19 10	4 21	4 59	22 35	0 55	18 14	5 35	18 57	1 2	21 54	1 30	21 22	0 32	14 45	0 12	1 27	2 2	34 19	12 11	20 5	19 56	11 44		n.a.	F 7
S 8	18 55	0n 9	4 41	22 45	0 42	18 22	5 27	18 44	1 2	21 55	1 30	21 22	0 32	14 45	0 12	1 26	2 2	34 19	12 11	20 3	19 55	11 46		n.a.	S 8
S 9	18 40	4 34	4 12	22 54	0 30	18 30	5 20	18 31	1 2	21 57	1 30	21 21	0 32	14 45	0 12	1 26	2 2	34 19	12 11	20 1	19 55	11 48		n.a.	S 9
M10	18 24	8 45	3 31	23 2	0 18	18 38	5 12	18 17	1 1	21 59	1 30	21 21	0 32	14 45	0 12	1 25	2 2	34 19	12 11	19 59	19 54	11 50		n.a.	M10
T 11	18 8	12 34	2 42	23 10	0 7	18 46	5 5	18 4	1 1	22 0	1 30	21 21	0 31	14 46	0 12	1 24	2 2	34 19	12 11	19 59	19 53	11 52		n.a.	T 11
W12	17 52	15 53	1 45	23 16	0s 4	18 54	4 57	17 50	1 1	22 2	1 31	21 21	0 31	14 46	0 12	1 24	2 2	34 19	12 11	19 59	19 52	11 54		n.a.	W12
T 13	17 35	18 34	0 44	23 21	0 15	19 2	4 50	17 36	1 1	22 4	1 31	21 21	0 31	14 46	0 12	1 23	2 2	34 18	12 11	19 59	19 52	11 56		n.a.	T 13
F 14	17 18	20 28	0s20	23 26	0 26	19 9	4 42	17 22	1 0	22 5	1 31	21 21	0 31	14 46	0 12	1 22	2 2	34 18	12 11	19 59	19 51	11 57		n.a.	F 14
S 15	17 1	21 27	1 24	23 29	0 35	19 17	4 35	17 8	1 0	22 7	1 31	21 22	0 31	14 47	0 12	1 22	2 2	34 18	12 12	19 58	19 50	11 59		n.a.	S 15
S 16	16 44	21 23	2 25	23 31	0 45	19 24	4 27	16 54	1 0	22 9	1 31	21 22	0 31	14 47	0 12	1 21	2 2	34 18	12 12	19 58	19 49	12 1		n.a.	S 16
M17	16 26	20 12	3 21	23 31	0 54	19 31	4 19	16 39	0 59	22 10	1 31	21 22	0 30	14 47	0 12	1 20	2 2	34 18	12 12	19 56	19 49	12 3		n.a.	M17
T 18	16 8	17 52	4 8	23 31	1 3	19 37	4 12	16 24	0 59	22 12	1 31	21 22	0 30	14 48	0 12	1 20	2 2	34 18	12 12	19 54	19 48	12 5		n.a.	T 18
W19	15 50	14 29	4 41	23 29	1 11	19 44	4 4	16 10	0 59	22 13	1 31	21 22	0 30	14 48	0 12	1 19	2 2	34 18	12 12	19 52	19 47	12 7		n.a.	W19
T 20	15 31	10 13	4 59	23 26	1 19	19 50	3 57	15 55	0 59	22 15	1 31	21 22	0 30	14 48	0 12	1 18	2 2	34 18	12 12	19 49	19 46	12 8		n.a.	T 20
F 21	15 13	5 18	4 58	23 21	1 26	19 56	3 49	15 40	0 58	22 16	1 31	21 22	0 30	14 49	0 12	1 17	2 2	34 18	12 13	19 47	19 46	12 10		n.a.	F 21
S 22	14 54	0 2	4 38	23 15	1 33	20 1	3 42	15 25	0 58	22 17	1 30	21 22	0 30	14 49	0 12	1 17	2 2	34 18	12 13	19 44	19 45	12 12		n.a.	S 22
S 23	14 34	5s15	3 59	23 7	1 39	20 6	3 34	15 9	0 58	22 19	1 30	21 23	0 29	14 50	0 12	1 16	2 2	34 18	12 13	19 42	19 44	12 14		n.a.	S 23
M24	14 15	10 13	3 6	22 58	1 45	20 11	3 27	14 54	0 57	22 20	1 30	21 23	0 29	14 50	0 12	1 15	2 1	34 17	12 13	19 41	19 43	12 16		n.a.	M24
T 25	13 55	14 34	2 1	22 48	1 51	20 16	3 19	14 38	0 57	22 21	1 30	21 23	0 29	14 50	0 12	1 14	2 1	34 17	12 13	19 40	19 43	12 17		n.a.	T 25
W26	13 36	18 0	0 49	22 36	1 56	20 20	3 12	14 23	0 56	22 23	1 30	21 23	0 29	14 51	0 12	1 13	2 1	34 17	12 14	19 40	19 42	12 19		n.a.	W26
T 27	13 16	20 19	0n25	22 22	2 0	20 23	3 4	14 7	0 56	22 24	1 30	21 24	0 29	14 51	0 11	1 13	2 1	34 17	12 14	19 40	19 41	12 21		n.a.	T 27
F 28	12 55	21 23	1 36	22 7	2 4	20 27	2 57	13 51	0 56	22 25	1 30	21 24	0 29	14 52	0 11	1 12	2 1	34 17	12 14	19 40	19 40	12 23		n.a.	F 28
S 29	12s35	21s10	2n41	21s50	2s 8	20s29	2n50	13s35	0s55	22n26	1n30	21n24	0s29	14n52	0s11	1s11	2s 1	34s17	12s14	19s39	19s40	12n25		n.a.	S 29

Julian Day Number = 1205355.5, Delta T = 09h18m21s
Ecliptic obliquity = 23°51'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'17, Lahiri = -23°27'17 Julian Calendar 1 Feb. 1413 BCE == Greg. Calendar 19 Jan. 1413 BCE

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

MARCH 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 45 32	28♒23'19	11♉43	4♒48	12♉52	27♒47	27°R42	7♊ 6	9♉59	1♈41	20♉50	26°R10	26♏14	25♈23	n.a.	S 1
M 2	9 49 28	29°21'59	24°54	6°19	13°44	28°32	27♋36	7° 7	10° 0	1°43	20°52	26♏ 2	26°10	25°30	n.a.	M 2
T 3	9 53 25	0♓20'37	7♒54	7°51	14°37	29°17	27°30	7° 8	10° 2	1°45	20°53	25°52	26° 7	25°37	n.a.	T 3
W 4	9 57 22	1°19'13	20°42	9°25	15°31	0♓ 1	27°25	7°10	10° 4	1°47	20°54	25°39	26° 4	25°43	n.a.	W 4
T 5	10 1 18	2°17'47	3♓19	11° 1	16°26	0°46	27°19	7°11	10° 6	1°49	20°56	25°25	26° 1	25°50	n.a.	T 5
F 6	10 5 15	3°16'19	15°43	12°38	17°20	1°31	27°14	7°13	10° 7	1°51	20°57	25°12	25°58	25°57	n.a.	F 6
S 7	10 9 11	4°14'49	27°55	14°17	18°16	2°15	27° 9	7°15	10° 9	1°53	20°58	25° 0	25°55	26° 3	n.a.	S 7
S 8	10 13 8	5°13'16	9♈57	15°57	19°12	3° 0	27° 4	7°17	10°11	1°55	21° 0	24°51	25°51	26°10	n.a.	S 8
M 9	10 17 4	6°11'42	21°51	17°39	20° 8	3°45	27° 0	7°18	10°13	1°57	21° 1	24°44	25°48	26°17	n.a.	M 9
T 10	10 21 1	7°10'05	3♉39	19°23	21° 5	4°29	26°55	7°21	10°15	1°59	21° 2	24°40	25°45	26°23	n.a.	T 10
W11	10 24 57	8° 8'26	15°27	21° 8	22° 2	5°14	26°51	7°23	10°17	2° 1	21° 3	24°38	25°42	26°30	n.a.	W11
T 12	10 28 54	9° 6'45	27°18	22°55	22°59	5°58	26°46	7°25	10°19	2° 3	21° 4	24°D38	25°39	26°37	n.a.	T 12
F 13	10 32 50	10° 5'02	9♊18	24°44	23°57	6°42	26°42	7°27	10°21	2° 5	21° 6	24°R38	25°35	26°43	n.a.	F 13
S 14	10 36 47	11° 3'17	21°33	26°34	24°56	7°27	26°38	7°30	10°24	2° 7	21° 7	24°38	25°32	26°50	n.a.	S 14
S 15	10 40 44	12° 1'29	4♋ 8	28°26	25°54	8°11	26°35	7°32	10°26	2° 9	21° 8	24°36	25°29	26°57	n.a.	S 15
M16	10 44 40	12°59'39	17° 6	0♓20	26°53	8°55	26°31	7°35	10°28	2°12	21° 9	24°31	25°26	27° 3	n.a.	M16
T 17	10 48 37	13°57'47	0♌32	2°15	27°53	9°39	26°28	7°38	10°30	2°14	21°10	24°25	25°23	27°10	n.a.	T 17
W18	10 52 33	14°55'53	14°26	4°12	28°53	10°23	26°24	7°41	10°33	2°16	21°11	24°16	25°20	27°17	n.a.	W18
T 19	10 56 30	15°53'57	28°46	6°10	29°53	11° 7	26°21	7°43	10°35	2°18	21°12	24° 6	25°16	27°23	n.a.	T 19
F 20	11 0 26	16°51'59	13♍27	8°10	0♒53	11°51	26°18	7°46	10°37	2°20	21°13	23°56	25°13	27°30	n.a.	F 20
S 21	11 4 23	17°49'59	28°22	10°12	1°54	12°35	26°16	7°50	10°40	2°22	21°14	23°47	25°10	27°37	n.a.	S 21
S 22	11 8 19	18°47'58	13♎21	12°15	2°55	13°19	26°13	7°53	10°42	2°25	21°15	23°39	25° 7	27°43	n.a.	S 22
M23	11 12 16	19°45'54	28°15	14°19	3°57	14° 3	26°11	7°56	10°45	2°27	21°16	23°35	25° 4	27°50	n.a.	M23
T 24	11 16 12	20°43'50	12♏58	16°25	4°58	14°47	26° 9	8° 0	10°47	2°29	21°17	23°32	25° 0	27°57	n.a.	T 24
W25	11 20 9	21°41'44	27°23	18°32	6° 0	15°30	26° 7	8° 3	10°50	2°31	21°18	23°D32	24°57	28° 3	n.a.	W25
T 26	11 24 6	22°39'36	11♐30	20°40	7° 3	16°14	26° 5	8° 7	10°53	2°33	21°19	23°33	24°54	28°10	n.a.	T 26
F 27	11 28 2	23°37'27	25°16	22°49	8° 5	16°58	26° 3	8°10	10°55	2°36	21°20	23°R33	24°51	28°17	n.a.	F 27
S 28	11 31 59	24°35'17	8♑44	24°59	9° 8	17°41	26° 2	8°14	10°58	2°38	21°21	23°32	24°48	28°23	n.a.	S 28
S 29	11 35 55	25°33'06	21°55	27° 9	10°11	18°25	26° 0	8°18	11° 1	2°40	21°22	23°29	24°45	28°30	n.a.	S 29
M30	11 39 52	26°30'53	4♒51	29°19	11°14	19° 8	25°59	8°22	11° 3	2°42	21°23	23°24	24°41	28°37	n.a.	M30
T 31	11 43 48	27♓28'38	17♒33	1♈29	12♒17	19♓52	25♋58	8♊26	11♉ 6	2♈45	21♉24	23♏16	24♏38	28♈43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	12s14	19s45	3n35	21s31	2s11	20s32	2n43	13s19	0s55	22n27	1n30	21n25	0s28	14n53	0s11	1s10	2s 1	34s17	12s14	19s38	19s39	12n26		n.a.	
M 2	11 54	17 18	4 18	21 11	2 14	20 33	2 36	13 3	0 55	22 29	1 30	21 25	0 28	14 54	0 11	1 9	2 1	34 17	12 15	19 36	19 38	12 28		n.a.	
T 3	11 33	14 1	4 46	20 49	2 16	20 35	2 29	12 46	0 54	22 30	1 30	21 25	0 28	14 54	0 11	1 8	2 1	34 17	12 15	19 34	19 37	12 30		n.a.	
W 4	11 12	10 7	4 59	20 25	2 17	20 36	2 22	12 30	0 54	22 31	1 30	21 26	0 28	14 55	0 11	1 8	2 1	34 17	12 15	19 31	19 37	12 32		n.a.	
T 5	10 50	5 51	4 57	19 59	2 19	20 36	2 15	12 13	0 53	22 32	1 30	21 26	0 28	14 55	0 11	1 7	2 1	34 17	12 15	19 27	19 36	12 34		n.a.	
F 6	10 29	1 25	4 42	19 32	2 19	20 36	2 8	11 57	0 53	22 33	1 30	21 27	0 28	14 56	0 11	1 6	2 1	34 17	12 16	19 24	19 35	12 35		n.a.	
S 7	10 7	3n 1	4 13	19 3	2 19	20 36	2 1	11 40	0 53	22 33	1 29	21 27	0 27	14 56	0 11	1 5	2 1	34 17	12 16	19 21	19 34	12 37		n.a.	
S 8	9 46	7 16	3 33	18 32	2 19	20 35	1 54	11 24	0 52	22 34	1 29	21 27	0 27	14 57	0 11	1 4	2 1	34 17	12 16	19 19	19 34	12 39		n.a.	
M 9	9 24	11 11	2 45	18 0	2 18	20 33	1 48	11 7	0 52	22 35	1 29	21 28	0 27	14 58	0 11	1 3	2 1	34 17	12 16	19 17	19 33	12 41		n.a.	
T 10	9 2	14 39	1 49	17 25	2 16	20 31	1 41	10 50	0 51	22 36	1 29	21 28	0 27	14 58	0 11	1 3	2 1	34 17	12 17	19 16	19 32	12 42		n.a.	
W11	8 40	17 32	0 49	16 49	2 14	20 28	1 34	10 33	0 51	22 37	1 29	21 29	0 27	14 59	0 11	1 2	2 1	34 17	12 17	19 16	19 31	12 44		n.a.	
T 12	8 18	19 40	0s14	16 11	2 12	20 25	1 28	10 16	0 51	22 37	1 29	21 29	0 27	15 0	0 11	1 1	2 1	34 17	12 17	19 16	19 30	12 46		n.a.	
F 13	7 55	20 58	1 17	15 31	2 9	20 21	1 22	9 59	0 50	22 38	1 29	21 30	0 27	15 0	0 11	1 0	2 1	34 17	12 17	19 16	19 30	12 48		n.a.	
S 14	7 33	21 17	2 18	14 50	2 5	20 17	1 15	9 42	0 50	22 39	1 29	21 31	0 26	15 1	0 11	0 59	2 1	34 18	12 18	19 15	19 29	12 49		n.a.	
S 15	7 10	20 34	3 14	14 7	2 1	20 12	1 9	9 24	0 49	22 39	1 29	21 31	0 26	15 2	0 11	0 58	2 1	34 18	12 18	19 15	19 28	12 51		n.a.	
M16	6 48	18 45	4 1	13 21	1 56	20 7	1 3	9 7	0 49	22 40	1 28	21 32	0 26	15 3	0 11	0 57	2 1	34 18	12 18	19 14	19 27	12 53		n.a.	
T 17	6 25	15 53	4 37	12 35	1 51	20 1	0 57	8 50	0 48	22 40	1 28	21 32	0 26	15 3	0 11	0 56	2 1	34 18	12 18	19 12	19 27	12 55		n.a.	
W18	6 2	12 2	4 58	11 46	1 45	19 55	0 51	8 33	0 48	22 41	1 28	21 33	0 26	15 4	0 11	0 55	2 1	34 18	12 19	19 10	19 26	12 56		n.a.	
T 19	5 39	7 24	5 2	10 56	1 39	19 48	0 45	8 15	0 48	22 41	1 28	21 34	0 26	15 5	0 11	0 55	2 1	34 18	12 19	19 8	19 25	12 58		n.a.	
F 20	5 16	2 14	4 46	10 4	1 32	19 40	0 40	7 58	0 47	22 42	1 28	21 34	0 26	15 6	0 11	0 54	2 1	34 18	12 19	19 5	19 24	13 0		n.a.	
S 21	4 53	3s 9	4 10	9 10	1 24	19 32	0 34	7 40	0 47	22 42	1 28	21 35	0 25	15 6	0 11	0 53	2 1	34 18	12 20	19 3	19 23	13 1		n.a.	
S 22	4 30	8 22	3 17	8 15	1 16	19 23	0 28	7 23	0 46	22 43	1 27	21 36	0 25	15 7	0 11	0 52	2 1	34 18	12 20	19 1	19 23	13 3		n.a.	
M23	4 7	13 4	2 11	7 19	1 8	19 14	0 23	7 5	0 46	22 43	1 27	21 36	0 25	15 8	0 11	0 51	2 1	34 18	12 20	19 0	19 22	13 5		n.a.	
T 24	3 44	16 54	0 56	6 21	0 59	19 4	0 18	6 47	0 45	22 43	1 27	21 37	0 25	15 9	0 11	0 50	2 1	34 19	12 20	18 59	19 21	13 7		n.a.	
W25	3 21	19 35	0n21	5 22	0 50	18 54	0 12	6 30	0 45	22 43	1 27	21 38	0 25	15 10	0 11	0 49	2 1	34 19	12 21	18 59	19 20	13 8		n.a.	
T 26	2 58	21 0	1 35	4 23	0 40	18 43	0 7	6 12	0 44	22 43	1 27	21 38	0 25	15 11	0 11	0 48	2 1	34 19	12 21	18 59	19 20	13 10		n.a.	
F 27	2 34	21 5	2 41	3 22	0 30	18 32	0 2	5 54	0 44	22 44	1 27	21 39	0 25	15 11	0 11	0 47	2 1	34 19	12 21	18 59	19 19	13 12		n.a.	
S 28	2 11	19 57	3 37	2 20	0 20	18 20	0s 3	5 37	0 43	22 44	1 27	21 40	0 24	15 12	0 11	0 46	2 1	34 19	12 22	18 59	19 18	13 13		n.a.	
S 29	1 48	17 45	4 21	1 18	0 10	18 8	0 8	5 19	0 43	22 44	1 26	21 41	0 24	15 13	0 11	0 46	2 1	34 19	12 22	18 58	19 17	13 15		n.a.	
M30	1 25	14 42	4 50	0 16	0n 1	17 55	0 13	5 1	0 42	22 44	1 26	21 41	0 24	15 14	0 11	0 45	2 1	34 19	12 22	18 57	19 16	13 17		n.a.	
T 31	1s 1	11s 1	5n 4	0n46	0n11	17s41	0s17	4s44	0s42	22n44	1n26	21n42	0s24	15n15	0s11	0s44	2s 1	34s20	12s23	18s55	19s16	13n18		n.a.	

Julian Day Number = 1205384.5, Delta T = 09h18m20s
Ecliptic obliquity = 23°51'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'13, Lahiri = -23°27'13 Julian Calendar 1 March 1413 BCE == Greg. Calendar 17 Feb. 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

APRIL 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 47 45	28♓26'22	0♓ 4	3♈39	13♒21	20♓35	25°R58	8♊30	11♉ 9	2♈47	21♑24	23°R 7	24♏35	28♈50	n.a.	W 1
T 2	11 51 41	29°24'05	12°23	5°48	14°25	21°18	25♋57	8°34	11°12	2°49	21°25	22♏57	24°32	28°57	n.a.	T 2
F 3	11 55 38	0♈21'47	24°34	7°56	15°29	22° 1	25°57	8°39	11°15	2°51	21°26	22°47	24°29	29° 3	n.a.	F 3
S 4	11 59 35	1°19'26	6♈35	10° 3	16°33	22°45	25°D57	8°43	11°18	2°54	21°27	22°38	24°26	29°10	n.a.	S 4
S 5	12 3 31	2°17'05	18°30	12° 8	17°38	23°28	25°57	8°48	11°21	2°56	21°27	22°32	24°22	29°16	n.a.	S 5
M 6	12 7 28	3°14'42	0♉20	14°12	18°42	24°11	25°57	8°52	11°24	2°58	21°28	22°27	24°19	29°23	n.a.	M 6
T 7	12 11 24	4°12'17	12° 7	16°14	19°47	24°54	25°57	8°57	11°27	3° 0	21°29	22°24	24°16	29°30	n.a.	T 7
W 8	12 15 21	5° 9'51	23°54	18°13	20°52	25°37	25°58	9° 1	11°30	3° 3	21°30	22°D24	24°13	29°36	n.a.	W 8
T 9	12 19 17	6° 7'24	5♊46	20°11	21°58	26°20	25°58	9° 6	11°33	3° 5	21°30	22°24	24°10	29°43	n.a.	T 9
F 10	12 23 14	7° 4'55	17°46	22° 5	23° 3	27° 3	25°59	9°11	11°36	3° 7	21°31	22°26	24° 6	29°50	n.a.	F 10
S 11	12 27 10	8° 2'24	0♋ 0	23°58	24° 8	27°45	26° 0	9°16	11°39	3° 9	21°31	22°27	24° 3	29°56	n.a.	S 11
S 12	12 31 7	8°59'52	12°33	25°47	25°14	28°28	26° 2	9°21	11°42	3°12	21°32	22°R27	24° 0	0♉ 3	n.a.	S 12
M13	12 35 3	9°57'18	25°29	27°33	26°20	29°11	26° 3	9°26	11°45	3°14	21°32	22°26	23°57	0°10	n.a.	M13
T 14	12 39 0	10°54'43	8♌51	29°17	27°26	29°54	26° 5	9°31	11°48	3°16	21°33	22°23	23°54	0°16	n.a.	T 14
W15	12 42 57	11°52'06	22°42	0♉58	28°32	0♈36	26° 7	9°37	11°51	3°18	21°33	22°19	23°51	0°23	n.a.	W15
T 16	12 46 53	12°49'28	7♍ 1	2°36	29°38	1°19	26° 9	9°42	11°55	3°21	21°34	22°13	23°47	0°30	n.a.	T 16
F 17	12 50 50	13°46'49	21°45	4°10	0♓45	2° 1	26°11	9°47	11°58	3°23	21°34	22° 7	23°44	0°36	n.a.	F 17
S 18	12 54 46	14°44'08	6♎47	5°42	1°51	2°44	26°13	9°53	12° 1	3°25	21°35	22° 2	23°41	0°43	n.a.	S 18
S 19	12 58 43	15°41'27	21°58	7°10	2°58	3°26	26°16	9°58	12° 5	3°27	21°35	21°58	23°38	0°50	n.a.	S 19
M20	13 2 39	16°38'44	7♏ 8	8°36	4° 5	4° 8	26°18	10° 4	12° 8	3°29	21°35	21°56	23°35	0°56	n.a.	M20
T 21	13 6 36	17°36'01	22° 8	9°58	5°12	4°51	26°21	10° 9	12°11	3°32	21°36	21°D55	23°31	1° 3	n.a.	T 21
W22	13 10 32	18°33'17	6♐51	11°17	6°19	5°33	26°24	10°15	12°14	3°34	21°36	21°56	23°28	1°10	n.a.	W22
T 23	13 14 29	19°30'32	21°11	12°32	7°26	6°15	26°27	10°21	12°18	3°36	21°36	21°57	23°25	1°16	n.a.	T 23
F 24	13 18 26	20°27'47	5♑ 7	13°44	8°33	6°57	26°31	10°27	12°21	3°38	21°37	21°59	23°22	1°23	n.a.	F 24
S 25	13 22 22	21°25'01	18°39	14°53	9°41	7°39	26°34	10°33	12°25	3°40	21°37	21°R59	23°19	1°30	n.a.	S 25
S 26	13 26 19	22°22'14	1♒48	15°59	10°48	8°21	26°38	10°39	12°28	3°42	21°37	21°59	23°16	1°36	n.a.	S 26
M27	13 30 15	23°19'27	14°37	17° 1	11°56	9° 3	26°42	10°45	12°31	3°45	21°37	21°57	23°12	1°43	n.a.	M27
T 28	13 34 12	24°16'39	27°10	17°59	13° 4	9°45	26°46	10°51	12°35	3°47	21°38	21°55	23° 9	1°50	n.a.	T 28
W29	13 38 8	25°13'51	9♓29	18°54	14°12	10°27	26°50	10°57	12°38	3°49	21°38	21°51	23° 6	1°56	n.a.	W29
T 30	13 42 5	26♈11'02	21♓37	19♉45	15♓20	11♈ 9	26♋54	11♊ 3	12♉42	3♈51	21♑38	21♏47	23♏ 3	2♉ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s38	6s55	5n 3	1n49	0n22	17s27	0s22	4s26	0s41	22n44	1n26	21n43	0s24	15n16	0s11	0s43	2s 1	34s20	12s23	18s53	19s15	13n20		n.a.
T 2	0 15	2 36	4 48	2 50	0 33	17 13	0 26	4 8	0 41	22 44	1 26	21 44	0 24	15 17	0 11	0 42	2 1	34 20	12 23	18 50	19 14	13 22		n.a.
F 3	0n 9	1n47	4 20	3 52	0 43	16 58	0 31	3 50	0 40	22 44	1 25	21 45	0 24	15 18	0 11	0 41	2 1	34 20	12 24	18 48	19 13	13 24		n.a.
S 4	0 32	6 2	3 41	4 52	0 54	16 42	0 35	3 32	0 40	22 44	1 25	21 45	0 24	15 19	0 11	0 40	2 1	34 20	12 24	18 45	19 12	13 25		n.a.
S 5	0 55	10 1	2 52	5 51	1 4	16 27	0 39	3 14	0 39	22 43	1 25	21 46	0 23	15 20	0 11	0 39	2 1	34 20	12 24	18 43	19 12	13 27		n.a.
M 6	1 19	13 36	1 56	6 49	1 13	16 10	0 43	2 57	0 39	22 43	1 25	21 47	0 23	15 21	0 11	0 38	2 1	34 21	12 25	18 42	19 11	13 29		n.a.
T 7	1 42	16 37	0 55	7 45	1 22	15 53	0 47	2 39	0 38	22 43	1 25	21 48	0 23	15 21	0 11	0 37	2 1	34 21	12 25	18 42	19 10	13 30		n.a.
W 8	2 5	18 57	0s 8	8 40	1 31	15 36	0 51	2 21	0 38	22 43	1 25	21 49	0 23	15 22	0 11	0 36	2 1	34 21	12 25	18 41	19 9	13 32		n.a.
T 9	2 28	20 28	1 12	9 33	1 40	15 18	0 55	2 3	0 37	22 42	1 24	21 50	0 23	15 23	0 11	0 36	2 1	34 21	12 26	18 42	19 9	13 34		n.a.
F 10	2 52	21 5	2 13	10 24	1 47	15 0	0 59	1 45	0 37	22 42	1 24	21 51	0 23	15 24	0 11	0 35	2 1	34 22	12 26	18 42	19 8	13 35		n.a.
S 11	3 15	20 42	3 10	11 13	1 54	14 41	1 2	1 28	0 36	22 42	1 24	21 51	0 23	15 25	0 11	0 34	2 1	34 22	12 26	18 42	19 7	13 37		n.a.
S 12	3 38	19 18	3 59	12 0	2 1	14 22	1 6	1 10	0 36	22 41	1 24	21 52	0 22	15 26	0 11	0 33	2 1	34 22	12 27	18 42	19 6	13 38		n.a.
M13	4 1	16 53	4 37	12 45	2 7	14 2	1 9	0 52	0 35	22 41	1 24	21 53	0 22	15 27	0 11	0 32	2 1	34 22	12 27	18 42	19 5	13 40		n.a.
T 14	4 23	13 30	5 2	13 28	2 12	13 42	1 12	0 34	0 35	22 40	1 23	21 54	0 22	15 28	0 11	0 31	2 1	34 22	12 27	18 41	19 5	13 42		n.a.
W15	4 46	9 18	5 11	14 8	2 16	13 22	1 16	0 17	0 34	22 40	1 23	21 55	0 22	15 29	0 11	0 30	2 1	34 23	12 28	18 40	19 4	13 43		n.a.
T 16	5 9	4 27	5 0	14 46	2 20	13 1	1 19	0n 1	0 34	22 39	1 23	21 56	0 22	15 30	0 11	0 29	2 1	34 23	12 28	18 39	19 3	13 45		n.a.
F 17	5 32	0s48	4 30	15 22	2 23	12 40	1 21	0 19	0 33	22 38	1 23	21 57	0 22	15 31	0 11	0 28	2 1	34 23	12 28	18 37	19 2	13 47		n.a.
S 18	5 54	6 7	3 41	15 55	2 25	12 19	1 24	0 36	0 33	22 38	1 23	21 58	0 22	15 32	0 11	0 27	2 1	34 24	12 29	18 36	19 1	13 48		n.a.
S 19	6 17	11 7	2 36	16 27	2 26	11 57	1 27	0 54	0 32	22 37	1 23	21 59	0 22	15 34	0 11	0 27	2 1	34 24	12 29	18 35	19 1	13 50		n.a.
M20	6 39	15 23	1 20	16 56	2 27	11 34	1 30	1 12	0 32	22 36	1 22	22 0	0 21	15 35	0 11	0 26	2 1	34 24	12 29	18 34	19 0	13 51		n.a.
T 21	7 2	18 36	0n 1	17 22	2 27	11 12	1 32	1 29	0 31	22 36	1 22	22 1	0 21	15 36	0 11	0 25	2 1	34 24	12 30	18 34	18 59	13 53		n.a.
W22	7 24	20 30	1 21	17 47	2 26	10 49	1 35	1 47	0 30	22 35	1 22	22 2	0 21	15 37	0 11	0 24	2 1	34 25	12 30	18 34	18 58	13 55		n.a.
T 23	7 46	21 1	2 33	18 9	2 24	10 25	1 37	2 4	0 30	22 34	1 22	22 3	0 21	15 38	0 11	0 23	2 1	34 25	12 30	18 34	18 57	13 56		n.a.
F 24	8 8	20 11	3 35	18 29	2 21	10 2	1 39	2 22	0 29	22 33	1 22	22 4	0 21	15 39	0 11	0 22	2 1	34 25	12 31	18 35	18 56	13 58		n.a.
S 25	8 30	18 12	4 22	18 47	2 18	9 38	1 41	2 39	0 29	22 32	1 21	22 5	0 21	15 40	0 11	0 21	2 1	34 25	12 31	18 35	18 56	14 0		n.a.
S 26	8 51	15 19	4 54	19 2	2 14	9 14	1 43	2 56	0 28	22 32	1 21	22 6	0 21	15 41	0 11	0 21	2 1	34 26	12 31	18 35	18 55	14 1		n.a.
M27	9 13	11 47	5 11	19 16	2 9	8 49	1 45	3 14	0 28	22 31	1 21	22 7	0 21	15 42	0 11	0 20	2 1	34 26	12 32	18 35	18 54	14 3		n.a.
T 28	9 34	7 47	5 12	19 27	2 3	8 24	1 47	3 31	0 27	22 30	1 21	22 8	0 21	15 43	0 11	0 19	2 1	34 26	12 32	18 34	18 53	14 4		n.a.
W29	9 56	3 32	4 59	19 37	1 56	7 59	1 48	3 48	0 27	22 29	1 21	22 9	0 20	15 44	0 11	0 18	2 1	34 27	12 32	18 33	18 52	14 6		n.a.
T 30	10n17	0n47	4n32	19n44	1n49	7s34	1s50	4n 5	0s26	22n28	1n21	22n10	0s20	15n45	0s10	0s17	2s 1	34s27	12s33	18s32	18s52	14n 7		n.a.

Julian Day Number = 1205415.5, Delta T = 09h18m18s
Ecliptic obliquity = 23°51'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'09, Lahiri = -23°27'09 Julian Calendar 1 Apr. 1413 BCE == Greg. Calendar 19 March 1413 BCE

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

MAY 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 46 2	27♈ 8'13	3♈37	20♉33	16♓28	11♈51	26♋59	11♊ 9	12♉45	3♈53	21♑38	21°R42	23♏ 0	2♉10	n.a.	F 1
S 2	13 49 58	28° 5'23	15°30	21°16	17°36	12°32	27° 3	11°16	12°49	3°55	21°38	21♏39	22°57	2°16	n.a.	S 2
S 3	13 53 55	29° 2'33	27°19	21°55	18°44	13°14	27° 8	11°22	12°52	3°57	21°38	21°36	22°53	2°23	n.a.	S 3
M 4	13 57 51	29°59'42	9♉ 7	22°31	19°53	13°56	27°13	11°28	12°56	3°59	21°38	21°34	22°50	2°30	n.a.	M 4
T 5	14 1 48	0♉56'51	20°54	23° 2	21° 1	14°37	27°18	11°35	12°59	4° 1	21°R38	21°D34	22°47	2°36	n.a.	T 5
W 6	14 5 44	1°53'59	2♊45	23°28	22°10	15°19	27°23	11°41	13° 3	4° 3	21°38	21°34	22°44	2°43	n.a.	W 6
T 7	14 9 41	2°51'07	14°41	23°51	23°18	16° 0	27°29	11°48	13° 6	4° 5	21°38	21°35	22°41	2°49	n.a.	T 7
F 8	14 13 37	3°48'13	26°46	24° 9	24°27	16°42	27°34	11°55	13°10	4° 7	21°38	21°37	22°37	2°56	n.a.	F 8
S 9	14 17 34	4°45'20	9♋ 4	24°22	25°36	17°23	27°40	12° 1	13°13	4° 9	21°38	21°38	22°34	3° 3	n.a.	S 9
S 10	14 21 31	5°42'26	21°38	24°31	26°45	18° 4	27°46	12° 8	13°17	4°11	21°38	21°39	22°31	3° 9	n.a.	S 10
M11	14 25 27	6°39'31	4♌32	24°R35	27°54	18°46	27°52	12°15	13°21	4°13	21°38	21°R39	22°28	3°16	n.a.	M11
T 12	14 29 24	7°36'35	17°49	24°35	29° 3	19°27	27°58	12°22	13°24	4°15	21°37	21°39	22°25	3°23	n.a.	T 12
W13	14 33 20	8°33'39	1♍33	24°30	0♈12	20° 8	28° 4	12°28	13°28	4°17	21°37	21°38	22°22	3°29	n.a.	W13
T 14	14 37 17	9°30'42	15°42	24°21	1°21	20°49	28°11	12°35	13°31	4°19	21°37	21°37	22°18	3°36	n.a.	T 14
F 15	14 41 13	10°27'45	0♎17	24° 8	2°31	21°30	28°17	12°42	13°35	4°21	21°37	21°36	22°15	3°43	n.a.	F 15
S 16	14 45 10	11°24'48	15°11	23°50	3°40	22°11	28°24	12°49	13°38	4°23	21°37	21°35	22°12	3°49	n.a.	S 16
S 17	14 49 6	12°21'50	0♏18	23°29	4°50	22°52	28°31	12°56	13°42	4°25	21°36	21°34	22° 9	3°56	n.a.	S 17
M18	14 53 3	13°18'52	15°30	23° 4	5°59	23°33	28°38	13° 3	13°46	4°27	21°36	21°D34	22° 6	4° 3	n.a.	M18
T 19	14 57 0	14°15'55	0♐37	22°36	7° 9	24°14	28°45	13°10	13°49	4°29	21°36	21°34	22° 3	4° 9	n.a.	T 19
W20	15 0 56	15°12'57	15°29	22° 5	8°19	24°54	28°52	13°17	13°53	4°30	21°35	21°34	21°59	4°16	n.a.	W20
T 21	15 4 53	16° 9'59	0♑ 1	21°32	9°28	25°35	28°59	13°25	13°56	4°32	21°35	21°34	21°56	4°23	n.a.	T 21
F 22	15 8 49	17° 7'02	14° 8	20°57	10°38	26°16	29° 7	13°32	14° 0	4°34	21°34	21°35	21°53	4°29	n.a.	F 22
S 23	15 12 46	18° 4'05	27°48	20°21	11°48	26°57	29°14	13°39	14° 4	4°36	21°34	21°35	21°50	4°36	n.a.	S 23
S 24	15 16 42	19° 1'09	11♒ 2	19°44	12°58	27°37	29°22	13°46	14° 7	4°37	21°34	21°35	21°47	4°43	n.a.	S 24
M25	15 20 39	19°58'13	23°53	19° 7	14° 9	28°18	29°30	13°54	14°11	4°39	21°33	21°R35	21°43	4°49	n.a.	M25
T 26	15 24 36	20°55'17	6♓23	18°31	15°19	28°58	29°38	14° 1	14°14	4°41	21°33	21°35	21°40	4°56	n.a.	T 26
W27	15 28 32	21°52'22	18°37	17°57	16°29	29°39	29°46	14° 8	14°18	4°43	21°32	21°D35	21°37	5° 3	n.a.	W27
T 28	15 32 29	22°49'27	0♈39	17°24	17°39	0♉19	29°54	14°16	14°21	4°44	21°32	21°35	21°34	5° 9	n.a.	T 28
F 29	15 36 25	23°46'33	12°33	16°54	18°50	0°59	0♌ 2	14°23	14°25	4°46	21°31	21°36	21°31	5°16	n.a.	F 29
S 30	15 40 22	24°43'39	24°22	16°27	20° 0	1°40	0°11	14°30	14°29	4°47	21°30	21°36	21°28	5°22	n.a.	S 30
S 31	15 44 18	25♉40'46	6♉ 9	16♉ 3	21♈11	2♉20	0♌19	14♊38	14♉32	4♈49	21♑30	21♏36	21♏24	5♉29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n38	5n 2	3n54	19n49	1n41	7s 8	1s51	4n22	0s25	22n27	1n20	22n11	0s20	15n46	0s10	0s16	2s 1	34s27	12s33	18s31	18s51	14n 9		n.a.
S 2	10 59	9 3	3 6	19 52	1 32	6 43	1 53	4 40	0 25	22 26	1 20	22 12	0 20	15 47	0 10	0 16	2 1	34 28	12 33	18 30	18 50	14 11		n.a.
S 3	11 19	12 43	2 10	19 53	1 22	6 17	1 54	4 57	0 24	22 24	1 20	22 13	0 20	15 48	0 10	0 15	2 1	34 28	12 34	18 29	18 49	14 12		n.a.
M 4	11 40	15 52	1 8	19 52	1 12	5 50	1 55	5 13	0 24	22 23	1 20	22 14	0 20	15 50	0 10	0 14	2 1	34 28	12 34	18 28	18 48	14 14		n.a.
T 5	12 0	18 21	0 4	19 49	1 0	5 24	1 56	5 30	0 23	22 22	1 20	22 15	0 20	15 51	0 10	0 13	2 1	34 29	12 35	18 28	18 47	14 15		n.a.
W 6	12 21	20 4	1s 1	19 45	0 48	4 57	1 57	5 47	0 23	22 21	1 20	22 16	0 20	15 52	0 10	0 12	2 1	34 29	12 35	18 28	18 47	14 17		n.a.
T 7	12 41	20 54	2 4	19 38	0 35	4 30	1 58	6 4	0 22	22 20	1 19	22 17	0 19	15 53	0 10	0 12	2 1	34 29	12 35	18 29	18 46	14 18		n.a.
F 8	13 0	20 46	3 3	19 30	0 22	4 3	1 59	6 21	0 21	22 18	1 19	22 18	0 19	15 54	0 10	0 11	2 1	34 30	12 36	18 29	18 45	14 20		n.a.
S 9	13 20	19 39	3 54	19 19	0 8	3 36	2 0	6 37	0 21	22 17	1 19	22 19	0 19	15 55	0 10	0 10	2 1	34 30	12 36	18 29	18 44	14 22		n.a.
S 10	13 39	17 34	4 35	19 8	0s 7	3 9	2 0	6 54	0 20	22 16	1 19	22 20	0 19	15 56	0 10	0 9	2 1	34 31	12 36	18 30	18 43	14 23		n.a.
M11	13 58	14 34	5 3	18 54	0 22	2 41	2 1	7 10	0 20	22 14	1 19	22 21	0 19	15 57	0 10	0 8	2 1	34 31	12 37	18 30	18 43	14 25		n.a.
T 12	14 17	10 45	5 16	18 39	0 37	2 14	2 1	7 27	0 19	22 13	1 19	22 22	0 19	15 58	0 10	0 8	2 1	34 31	12 37	18 30	18 42	14 26		n.a.
W13	14 36	6 15	5 12	18 22	0 53	1 46	2 1	7 43	0 18	22 11	1 18	22 23	0 19	15 59	0 10	0 7	2 1	34 32	12 37	18 30	18 41	14 28		n.a.
T 14	14 55	1 18	4 50	18 4	1 9	1 18	2 2	7 59	0 18	22 10	1 18	22 24	0 19	16 1	0 10	0 6	2 1	34 32	12 38	18 29	18 40	14 29		n.a.
F 15	15 13	3s53	4 8	17 45	1 25	0 50	2 2	8 16	0 17	22 8	1 18	22 25	0 19	16 2	0 10	0 5	2 1	34 32	12 38	18 29	18 39	14 31		n.a.
S 16	15 31	8 58	3 9	17 25	1 42	0 22	2 2	8 32	0 17	22 7	1 18	22 26	0 19	16 3	0 10	0 5	2 1	34 33	12 38	18 29	18 38	14 32		n.a.
S 17	15 49	13 34	1 55	17 4	1 58	0n 6	2 2	8 48	0 16	22 5	1 18	22 27	0 18	16 4	0 10	0 4	2 1	34 33	12 39	18 28	18 38	14 34		n.a.
M18	16 7	17 18	0 34	16 42	2 14	0 34	2 2	9 4	0 15	22 4	1 18	22 28	0 18	16 5	0 10	0 3	2 1	34 33	12 39	18 28	18 37	14 35		n.a.
T 19	16 24	19 49	0n50	16 20	2 30	1 2	2 1	9 20	0 15	22 2	1 17	22 29	0 18	16 6	0 10	0 3	2 2	34 34	12 39	18 28	18 36	14 37		n.a.
W20	16 41	20 55	2 9	15 57	2 45	1 30	2 1	9 35	0 14	22 0	1 17	22 30	0 18	16 7	0 10	0 2	2 2	34 34	12 40	18 28	18 35	14 38		n.a.
T 21	16 58	20 34	3 18	15 35	2 59	1 59	2 0	9 51	0 14	21 59	1 17	22 31	0 18	16 8	0 10	0 1	2 2	34 35	12 40	18 28	18 34	14 40		n.a.
F 22	17 14	18 54	4 13	15 13	3 13	2 27	2 0	10 7	0 13	21 57	1 17	22 32	0 18	16 9	0 10	0 1	2 2	34 35	12 40	18 29	18 33	14 41		n.a.
S 23	17 31	16 13	4 51	14 51	3 25	2 55	1 59	10 22	0 12	21 55	1 17	22 33	0 18	16 10	0 10	0n 0	2 2	34 35	12 41	18 29	18 33	14 43		n.a.
S 24	17 47	12 45	5 13	14 30	3 37	3 24	1 59	10 38	0 12	21 53	1 17	22 34	0 18	16 12	0 10	0 1	2 2	34 36	12 41	18 29	18 32	14 44		n.a.
M25	18 3	8 48	5 18	14 10	3 47	3 52	1 58	10 53	0 11	21 52	1 17	22 35	0 18	16 13	0 10	0 1	2 2	34 36	12 41	18 29	18 31	14 46		n.a.
T 26	18 18	4 34	5 7	13 52	3 56	4 20	1 57	11 8	0 11	21 50	1 16	22 36	0 17	16 14	0 10	0 2	2 2	34 37	12 42	18 29	18 30	14 47		n.a.
W27	18 33	0 15	4 43	13 35	4 4	4 48	1 56	11 23	0 10	21 48	1 16	22 37	0 17	16 15	0 10	0 3	2 2	34 37	12 42	18 29	18 29	14 49		n.a.
T 28	18 48	4n 2	4 7	13 20	4 10	5 17	1 55	11 38	0 9	21 46	1 16	22 38	0 17	16 16	0 10	0 3	2 2	34 37	12 42	18 29	18 28	14 50		n.a.
F 29	19 3	8 7	3 21	13 7	4 15	5 45	1 54	11 53	0 9	21 44	1 16	22 39	0 17	16 17	0 10	0 4	2 2	34 38	12 43	18 29	18 27	14 52		n.a.
S 30	19 17	11 51	2 26	12 56	4 18	6 13	1 53	12 8	0 8	21 42	1 16	22 40	0 17	16 18	0 10	0 4	2 2	34 38	12 43	18 29	18 27	14 53		n.a.
S 31	19n31	15n 8	1n25	12n47	4s20	6n41	1s52	12n23	0s 7	21n40	1n16	22n41	0s17	16n19	0s10	0n 5	2s 2	34s39	12s43	18s29	18s26	14n55		n.a.

Julian Day Number = 1205445.5, Delta T = 09h18m16s
Ecliptic obliquity = 23°51'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'05, Lahiri = -23°27'05 Julian Calendar 1 May 1413 BCE == Greg. Calendar 18 Apr. 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

JUNE 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 48 15	26♉37'53	17♉57	15°R44	22♈21	3♉ 0	0♌28	14♊45	14♉36	4♈51	21°R29	21°R36	21♏21	5♉36	n.a.	M 1
T 2	15 52 11	27°35'01	29°49	15♉28	23°32	3°40	0°37	14°53	14°39	4°52	21♑29	21♏36	21°18	5°42	n.a.	T 2
W 3	15 56 8	28°32'09	11♊47	15°18	24°43	4°21	0°46	15° 0	14°43	4°54	21°28	21°36	21°15	5°49	n.a.	W 3
T 4	16 0 5	29°29'18	23°53	15°12	25°53	5° 1	0°55	15° 8	14°46	4°55	21°27	21°35	21°12	5°56	n.a.	T 4
F 5	16 4 1	0♊26'27	6♋ 9	15°D12	27° 4	5°41	1° 4	15°15	14°50	4°57	21°27	21°34	21° 8	6° 2	n.a.	F 5
S 6	16 7 58	1°23'37	18°37	15°16	28°15	6°21	1°13	15°23	14°53	4°58	21°26	21°33	21° 5	6° 9	n.a.	S 6
S 7	16 11 54	2°20'46	1♌19	15°27	29°26	7° 1	1°22	15°31	14°57	4°59	21°25	21°32	21° 2	6°16	n.a.	S 7
M 8	16 15 51	3°17'57	14°18	15°42	0♉37	7°40	1°32	15°38	15° 0	5° 1	21°24	21°31	20°59	6°22	n.a.	M 8
T 9	16 19 47	4°15'07	27°35	16° 4	1°48	8°20	1°41	15°46	15° 4	5° 2	21°24	21°30	20°56	6°29	n.a.	T 9
W10	16 23 44	5°12'18	11♍12	16°31	2°59	9° 0	1°51	15°53	15° 7	5° 3	21°23	21°D30	20°53	6°36	n.a.	W10
T 11	16 27 41	6° 9'30	25°11	17° 4	4°11	9°40	2° 0	16° 1	15°10	5° 5	21°22	21°31	20°49	6°42	n.a.	T 11
F 12	16 31 37	7° 6'42	9♎30	17°42	5°22	10°19	2°10	16° 9	15°14	5° 6	21°21	21°32	20°46	6°49	n.a.	F 12
S 13	16 35 34	8° 3'54	24° 7	18°26	6°33	10°59	2°20	16°16	15°17	5° 7	21°20	21°33	20°43	6°56	n.a.	S 13
S 14	16 39 30	9° 1'07	8♏58	19°15	7°45	11°39	2°30	16°24	15°21	5° 8	21°19	21°34	20°40	7° 2	n.a.	S 14
M15	16 43 27	9°58'21	23°57	20°10	8°56	12°18	2°40	16°32	15°24	5°10	21°19	21°R34	20°37	7° 9	n.a.	M15
T 16	16 47 23	10°55'36	8♐55	21°10	10° 8	12°58	2°50	16°39	15°27	5°11	21°18	21°33	20°34	7°16	n.a.	T 16
W17	16 51 20	11°52'52	23°45	22°15	11°19	13°37	3° 0	16°47	15°31	5°12	21°17	21°32	20°30	7°22	n.a.	W17
T 18	16 55 16	12°50'08	8♑19	23°26	12°31	14°17	3°10	16°55	15°34	5°13	21°16	21°29	20°27	7°29	n.a.	T 18
F 19	16 59 13	13°47'26	22°30	24°42	13°43	14°56	3°21	17° 3	15°37	5°14	21°15	21°26	20°24	7°36	n.a.	F 19
S 20	17 3 10	14°44'45	6♒16	26° 3	14°54	15°35	3°31	17°10	15°40	5°15	21°14	21°23	20°21	7°42	n.a.	S 20
S 21	17 7 6	15°42'05	19°36	27°28	16° 6	16°14	3°42	17°18	15°44	5°16	21°13	21°21	20°18	7°49	n.a.	S 21
M22	17 11 3	16°39'26	2♓30	28°58	17°18	16°54	3°53	17°26	15°47	5°17	21°12	21°19	20°14	7°55	n.a.	M22
T 23	17 14 59	17°36'49	15° 2	0♊32	18°30	17°33	4° 3	17°33	15°50	5°18	21°11	21°D18	20°11	8° 2	n.a.	T 23
W24	17 18 56	18°34'13	27°16	2°11	19°42	18°12	4°14	17°41	15°53	5°19	21°10	21°18	20° 8	8° 9	n.a.	W24
T 25	17 22 52	19°31'39	9♈16	3°53	20°54	18°51	4°25	17°49	15°56	5°20	21° 9	21°19	20° 5	8°15	n.a.	T 25
F 26	17 26 49	20°29'06	21° 8	5°39	22° 6	19°30	4°36	17°57	15°59	5°21	21° 8	21°21	20° 2	8°22	n.a.	F 26
S 27	17 30 45	21°26'35	2♉56	7°28	23°18	20° 9	4°47	18° 4	16° 3	5°22	21° 7	21°23	19°59	8°29	n.a.	S 27
S 28	17 34 42	22°24'05	14°43	9°20	24°31	20°48	4°58	18°12	16° 6	5°22	21° 6	21°24	19°55	8°35	n.a.	S 28
M29	17 38 39	23°21'36	26°35	11°15	25°43	21°27	5° 9	18°20	16° 9	5°23	21° 4	21°R24	19°52	8°42	n.a.	M29
T 30	17 42 35	24♊19'09	8♊34	13♊12	26♉55	22♉ 6	5♌20	18♊28	16♉12	5♈24	21♑ 3	21♏23	19♏49	8♉49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n45	17n48	0n20	12n42	4s20	7n 9	1s51	12n37	0s 7	21n38	1n16	22n41	0s17	16n20	0s10	0n 6	2s 2	34s39	12s43	18s29	18s25	14n56		n.a.
T 2	19 58	19 44	0s46	12 38	4 19	7 36	1 49	12 52	0 6	21 36	1 15	22 42	0 17	16 21	0 10	0 6	2 2	34 39	12 44	18 29	18 24	14 58		n.a.
W 3	20 11	20 47	1 50	12 38	4 16	8 4	1 48	13 6	0 6	21 34	1 15	22 43	0 17	16 22	0 10	0 7	2 2	34 40	12 44	18 29	18 23	14 59		n.a.
T 4	20 24	20 53	2 50	12 40	4 12	8 32	1 46	13 20	0 5	21 32	1 15	22 44	0 17	16 23	0 10	0 7	2 2	34 40	12 44	18 29	18 22	15 1		n.a.
F 5	20 36	20 0	3 43	12 45	4 7	8 59	1 45	13 35	0 4	21 30	1 15	22 45	0 17	16 24	0 10	0 8	2 2	34 41	12 45	18 28	18 22	15 2		n.a.
S 6	20 48	18 9	4 26	12 52	4 1	9 26	1 43	13 49	0 4	21 27	1 15	22 46	0 16	16 25	0 10	0 8	2 2	34 41	12 45	18 28	18 21	15 3		n.a.
S 7	21 0	15 23	4 58	13 2	3 53	9 53	1 42	14 3	0 3	21 25	1 15	22 47	0 16	16 27	0 10	0 9	2 2	34 42	12 45	18 28	18 20	15 5		n.a.
M 8	21 11	11 49	5 14	13 15	3 45	10 20	1 40	14 16	0 2	21 23	1 15	22 48	0 16	16 28	0 10	0 9	2 3	34 42	12 45	18 27	18 19	15 6		n.a.
T 9	21 22	7 36	5 15	13 30	3 36	10 47	1 38	14 30	0 2	21 21	1 15	22 49	0 16	16 29	0 10	0 10	2 3	34 42	12 46	18 27	18 18	15 8		n.a.
W10	21 33	2 54	4 58	13 47	3 26	11 13	1 36	14 44	0 1	21 18	1 14	22 50	0 16	16 30	0 10	0 10	2 3	34 43	12 46	18 27	18 17	15 9		n.a.
T 11	21 43	2s 5	4 24	14 7	3 15	11 39	1 34	14 57	0 1	21 16	1 14	22 51	0 16	16 31	0 10	0 11	2 3	34 43	12 46	18 27	18 16	15 11		n.a.
F 12	21 53	7 4	3 32	14 29	3 3	12 5	1 32	15 11	0n 0	21 14	1 14	22 52	0 16	16 32	0 10	0 11	2 3	34 44	12 47	18 28	18 16	15 12		n.a.
S 13	22 2	11 46	2 26	14 52	2 51	12 31	1 30	15 24	0 1	21 11	1 14	22 53	0 16	16 33	0 10	0 12	2 3	34 44	12 47	18 28	18 15	15 13		n.a.
S 14	22 11	15 50	1 9	15 18	2 39	12 57	1 28	15 37	0 1	21 9	1 14	22 53	0 16	16 34	0 10	0 12	2 3	34 44	12 47	18 28	18 14	15 15		n.a.
M15	22 20	18 53	0n13	15 45	2 26	13 22	1 26	15 50	0 2	21 6	1 14	22 54	0 16	16 35	0 10	0 13	2 3	34 45	12 47	18 28	18 13	15 16		n.a.
T 16	22 29	20 37	1 35	16 14	2 13	13 47	1 24	16 3	0 3	21 4	1 14	22 55	0 15	16 36	0 10	0 13	2 3	34 45	12 48	18 28	18 12	15 18		n.a.
W17	22 37	20 54	2 49	16 44	1 59	14 12	1 22	16 15	0 3	21 1	1 14	22 56	0 15	16 37	0 10	0 13	2 3	34 46	12 48	18 28	18 11	15 19		n.a.
T 18	22 44	19 46	3 50	17 15	1 46	14 36	1 20	16 28	0 4	20 59	1 14	22 57	0 15	16 38	0 10	0 14	2 3	34 46	12 48	18 27	18 10	15 20		n.a.
F 19	22 51	17 24	4 36	17 48	1 32	15 0	1 17	16 40	0 5	20 56	1 13	22 58	0 15	16 39	0 10	0 14	2 3	34 46	12 48	18 26	18 10	15 22		n.a.
S 20	22 58	14 7	5 4	18 21	1 18	15 24	1 15	16 53	0 5	20 54	1 13	22 59	0 15	16 40	0 10	0 15	2 3	34 47	12 49	18 26	18 9	15 23		n.a.
S 21	23 5	10 13	5 15	18 54	1 4	15 47	1 13	17 5	0 6	20 51	1 13	23 0	0 15	16 41	0 10	0 15	2 3	34 47	12 49	18 25	18 8	15 25		n.a.
M22	23 11	5 58	5 9	19 27	0 51	16 10	1 10	17 17	0 7	20 48	1 13	23 0	0 15	16 41	0 10	0 15	2 3	34 48	12 49	18 24	18 7	15 26		n.a.
T 23	23 16	1 34	4 48	20 1	0 37	16 33	1 8	17 29	0 7	20 46	1 13	23 1	0 15	16 42	0 10	0 16	2 3	34 48	12 49	18 24	18 6	15 27		n.a.
W24	23 21	2n47	4 15	20 34	0 24	16 55	1 5	17 41	0 8	20 43	1 13	23 2	0 15	16 43	0 10	0 16	2 4	34 48	12 49	18 24	18 5	15 29		n.a.
T 25	23 26	6 58	3 31	21 7	0 11	17 17	1 3	17 52	0 9	20 40	1 13	23 3	0 15	16 44	0 10	0 16	2 4	34 49	12 50	18 24	18 4	15 30		n.a.
F 26	23 31	10 50	2 39	21 39	0n 1	17 39	1 0	18 4	0 9	20 38	1 13	23 4	0 15	16 45	0 10	0 16	2 4	34 49	12 50	18 25	18 4	15 32		n.a.
S 27	23 35	14 16	1 40	22 9	0 13	18 0	0 58	18 15	0 10	20 35	1 13	23 4	0 14	16 46	0 10	0 17	2 4	34 50	12 50	18 25	18 3	15 33		n.a.
S 28	23 38	17 7	0 37	22 39	0 24	18 20	0 55	18 26	0 11	20 32	1 13	23 5	0 14	16 47	0 10	0 17	2 4	34 50	12 50	18 26	18 2	15 34		n.a.
M29	23 41	19 16	0s28	23 6	0 35	18 40	0 53	18 37	0 11	20 29	1 13	23 6	0 14	16 48	0 10	0 17	2 4	34 50	12 50	18 26	18 1	15 36		n.a.
T 30	23n44	20n36	1s33	23n32	0n45	19n 0	0s50	18n48	0n12	20n26	1n12	23n 7	0s14	16n49	0s10	0n17	2s 4	34s51	12s51	18s25	18s 0	15n37		n.a.

Julian Day Number = 1205476.5, Delta T = 09h18m14s
Ecliptic obliquity = 23°51'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°34'01, Lahiri = -23°27'00 Julian Calendar 1 June 1413 BCE == Greg. Calendar 19 May 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

JULY 1413 BCE (-1412) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 46 32	25♊16'44	20♊43	15♊10	28♉ 8	22♉45	5♌32	18♊35	16♉15	5♈25	21°R 2	21°R20	19♏46	8♉55	n.a.	W 1
T 2	17 50 28	26°14'20	3♋ 3	17°11	29°20	23°23	5°43	18°43	16°18	5°25	21♑ 1	21♏15	19°43	9° 2	n.a.	T 2
F 3	17 54 25	27°11'57	15°35	19°12	0♊33	24° 2	5°54	18°51	16°21	5°26	21° 0	21° 9	19°40	9° 9	n.a.	F 3
S 4	17 58 21	28° 9'35	28°21	21°14	1°45	24°41	6° 6	18°58	16°23	5°27	20°59	21° 3	19°36	9°15	n.a.	S 4
S 5	18 2 18	29° 7'15	11♌19	23°16	2°58	25°19	6°17	19° 6	16°26	5°27	20°58	20°57	19°33	9°22	n.a.	S 5
M 6	18 6 15	0♋ 4'56	24°31	25°18	4°10	25°58	6°29	19°14	16°29	5°28	20°57	20°52	19°30	9°29	n.a.	M 6
T 7	18 10 11	1° 2'38	7♍57	27°21	5°23	26°36	6°41	19°21	16°32	5°28	20°55	20°48	19°27	9°35	n.a.	T 7
W 8	18 14 8	2° 0'22	21°36	29°22	6°36	27°15	6°52	19°29	16°35	5°29	20°54	20°46	19°24	9°42	n.a.	W 8
T 9	18 18 4	2°58'07	5♎30	1♋24	7°49	27°53	7° 4	19°36	16°37	5°29	20°53	20°D45	19°20	9°48	n.a.	T 9
F 10	18 22 1	3°55'53	19°36	3°25	9° 2	28°32	7°16	19°44	16°40	5°30	20°52	20°46	19°17	9°55	n.a.	F 10
S 11	18 25 57	4°53'40	3♏55	5°24	10°15	29°10	7°28	19°52	16°43	5°30	20°51	20°47	19°14	10° 2	n.a.	S 11
S 12	18 29 54	5°51'29	18°24	7°23	11°28	29°48	7°40	19°59	16°45	5°30	20°49	20°R48	19°11	10° 8	n.a.	S 12
M13	18 33 50	6°49'19	3♐ 0	9°21	12°41	0♊26	7°52	20° 7	16°48	5°31	20°48	20°48	19° 8	10°15	n.a.	M13
T 14	18 37 47	7°47'11	17°38	11°18	13°54	1° 5	8° 4	20°14	16°51	5°31	20°47	20°45	19° 5	10°22	n.a.	T 14
W15	18 41 44	8°45'04	2♑11	13°13	15° 7	1°43	8°16	20°22	16°53	5°31	20°46	20°40	19° 1	10°28	n.a.	W15
T 16	18 45 40	9°42'59	16°33	15° 8	16°20	2°21	8°28	20°29	16°56	5°31	20°44	20°34	18°58	10°35	n.a.	T 16
F 17	18 49 37	10°40'56	0♒38	17° 1	17°33	2°59	8°40	20°36	16°58	5°32	20°43	20°26	18°55	10°42	n.a.	F 17
S 18	18 53 33	11°38'55	14°22	18°53	18°47	3°37	8°53	20°44	17° 1	5°32	20°42	20°18	18°52	10°48	n.a.	S 18
S 19	18 57 30	12°36'55	27°42	20°43	20° 0	4°15	9° 5	20°51	17° 3	5°32	20°41	20°10	18°49	10°55	n.a.	S 19
M20	19 1 26	13°34'58	10♓37	22°33	21°13	4°53	9°17	20°59	17° 5	5°32	20°39	20° 4	18°46	11° 2	n.a.	M20
T 21	19 5 23	14°33'02	23°11	24°21	22°27	5°31	9°30	21° 6	17° 8	5°32	20°38	19°59	18°42	11° 8	n.a.	T 21
W22	19 9 19	15°31'09	5♈26	26° 7	23°40	6° 8	9°42	21°13	17°10	5°R32	20°37	19°57	18°39	11°15	n.a.	W22
T 23	19 13 16	16°29'17	17°26	27°53	24°54	6°46	9°54	21°20	17°12	5°32	20°36	19°D56	18°36	11°22	n.a.	T 23
F 24	19 17 12	17°27'28	29°18	29°37	26° 7	7°24	10° 7	21°28	17°14	5°32	20°34	19°57	18°33	11°28	n.a.	F 24
S 25	19 21 9	18°25'42	11♉ 6	1♌20	27°21	8° 1	10°19	21°35	17°16	5°32	20°33	19°58	18°30	11°35	n.a.	S 25
S 26	19 25 6	19°23'57	22°55	3° 2	28°35	8°39	10°32	21°42	17°19	5°32	20°32	19°R58	18°26	11°42	n.a.	S 26
M27	19 29 2	20°22'14	4♊51	4°43	29°49	9°17	10°45	21°49	17°21	5°32	20°30	19°57	18°23	11°48	n.a.	M27
T 28	19 32 59	21°20'34	16°57	6°22	1♋ 2	9°54	10°57	21°56	17°23	5°31	20°29	19°53	18°20	11°55	n.a.	T 28
W29	19 36 55	22°18'56	29°17	8° 0	2°16	10°32	11°10	22° 3	17°25	5°31	20°28	19°47	18°17	12° 1	n.a.	W29
T 30	19 40 52	23°17'20	11♋52	9°37	3°30	11° 9	11°23	22°10	17°27	5°31	20°27	19°39	18°14	12° 8	n.a.	T 30
F 31	19 44 48	24♋15'46	24♋43	11♌13	4♋44	11♊46	11♌35	22♊17	17♉28	5♈31	20♑25	19♏29	18♏11	12♉15	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n46	20n59	2s33	23n55	0n55	19n19	0s47	18n59	0n13	20n23	1n12	23n 7	0s14	16n50	0s10	0n18	2s 4	34s51	12s51	18s25	17s59	15n38		n.a.	W 1
T 2	23 48	20 22	3 28	24 17	1 3	19 38	0 45	19 10	0 13	20 20	1 12	23 8	0 14	16 51	0 10	0 18	2 4	34 51	12 51	18 23	17 58	15 40		n.a.	T 2
F 3	23 50	18 44	4 13	24 35	1 11	19 56	0 42	19 20	0 14	20 17	1 12	23 9	0 14	16 51	0 10	0 18	2 4	34 52	12 51	18 22	17 57	15 41		n.a.	F 3
S 4	23 51	16 10	4 47	24 52	1 18	20 14	0 39	19 30	0 15	20 14	1 12	23 10	0 14	16 52	0 10	0 18	2 4	34 52	12 51	18 20	17 57	15 42		n.a.	S 4
S 5	23 51	12 47	5 6	25 5	1 24	20 31	0 37	19 40	0 15	20 11	1 12	23 10	0 14	16 53	0 10	0 18	2 4	34 52	12 52	18 19	17 56	15 44		n.a.	S 5
M 6	23 52	8 43	5 10	25 16	1 30	20 48	0 34	19 50	0 16	20 8	1 12	23 11	0 14	16 54	0 10	0 19	2 4	34 53	12 52	18 17	17 55	15 45		n.a.	M 6
T 7	23 51	4 9	4 57	25 25	1 35	21 4	0 31	20 0	0 17	20 5	1 12	23 12	0 14	16 55	0 10	0 19	2 4	34 53	12 52	18 16	17 54	15 46		n.a.	T 7
W 8	23 51	0s42	4 27	25 30	1 39	21 19	0 28	20 10	0 17	20 2	1 12	23 13	0 14	16 56	0 10	0 19	2 4	34 54	12 52	18 15	17 53	15 48		n.a.	W 8
T 9	23 49	5 35	3 41	25 33	1 42	21 34	0 26	20 20	0 18	19 59	1 12	23 13	0 13	16 56	0 10	0 19	2 5	34 54	12 52	18 15	17 52	15 49		n.a.	T 9
F 10	23 48	10 16	2 41	25 33	1 45	21 49	0 23	20 29	0 19	19 56	1 12	23 14	0 13	16 57	0 10	0 19	2 5	34 54	12 52	18 16	17 51	15 50		n.a.	F 10
S 11	23 46	14 27	1 30	25 31	1 46	22 3	0 20	20 38	0 19	19 53	1 12	23 15	0 13	16 58	0 10	0 19	2 5	34 55	12 52	18 16	17 50	15 52		n.a.	S 11
S 12	23 44	17 49	0 13	25 26	1 48	22 16	0 18	20 47	0 20	19 50	1 12	23 15	0 13	16 59	0 10	0 19	2 5	34 55	12 53	18 16	17 50	15 53		n.a.	S 12
M13	23 41	20 3	1n 6	25 19	1 48	22 28	0 15	20 56	0 21	19 46	1 12	23 16	0 13	16 59	0 10	0 19	2 5	34 55	12 53	18 16	17 49	15 54		n.a.	M13
T 14	23 38	20 57	2 20	25 10	1 48	22 40	0 12	21 5	0 21	19 43	1 12	23 17	0 13	17 0	0 10	0 19	2 5	34 56	12 53	18 15	17 48	15 56		n.a.	T 14
W15	23 34	20 26	3 24	24 58	1 47	22 51	0 9	21 13	0 22	19 40	1 12	23 17	0 13	17 1	0 10	0 19	2 5	34 56	12 53	18 14	17 47	15 57		n.a.	W15
T 16	23 30	18 36	4 15	24 44	1 46	23 2	0 7	21 22	0 23	19 37	1 12	23 18	0 13	17 2	0 10	0 19	2 5	34 56	12 53	18 12	17 46	15 58		n.a.	T 16
F 17	23 25	15 40	4 49	24 29	1 44	23 12	0 4	21 30	0 23	19 33	1 11	23 18	0 13	17 2	0 10	0 19	2 5	34 57	12 53	18 10	17 45	15 59		n.a.	F 17
S 18	23 20	11 56	5 5	24 11	1 42	23 21	0 1	21 38	0 24	19 30	1 11	23 19	0 13	17 3	0 10	0 19	2 5	34 57	12 53	18 8	17 44	16 1		n.a.	S 18
S 19	23 15	7 44	5 4	23 52	1 40	23 30	0n 1	21 46	0 25	19 27	1 11	23 20	0 13	17 4	0 10	0 19	2 5	34 57	12 53	18 6	17 43	16 2		n.a.	S 19
M20	23 9	3 17	4 48	23 31	1 36	23 38	0 4	21 54	0 25	19 23	1 11	23 20	0 13	17 4	0 10	0 19	2 5	34 57	12 53	18 4	17 42	16 3		n.a.	M20
T 21	23 3	1n11	4 17	23 9	1 33	23 45	0 7	22 2	0 26	19 20	1 11	23 21	0 12	17 5	0 10	0 19	2 5	34 58	12 53	18 3	17 42	16 5		n.a.	T 21
W22	22 56	5 29	3 36	22 45	1 29	23 52	0 9	22 9	0 27	19 17	1 11	23 21	0 12	17 6	0 10	0 19	2 5	34 58	12 54	18 2	17 41	16 6		n.a.	W22
T 23	22 49	9 30	2 46	22 20	1 25	23 57	0 12	22 16	0 28	19 13	1 11	23 22	0 12	17 6	0 10	0 19	2 6	34 58	12 54	18 2	17 40	16 7		n.a.	T 23
F 24	22 42	13 6	1 49	21 53	1 20	24 3	0 15	22 23	0 28	19 10	1 11	23 23	0 12	17 7	0 10	0 19	2 6	34 59	12 54	18 2	17 39	16 8		n.a.	F 24
S 25	22 34	16 10	0 47	21 26	1 15	24 7	0 17	22 30	0 29	19 6	1 11	23 23	0 12	17 8	0 10	0 19	2 6	34 59	12 54	18 2	17 38	16 10		n.a.	S 25
S 26	22 26	18 34	0s16	20 57	1 10	24 11	0 20	22 37	0 30	19 3	1 11	23 24	0 12	17 8	0 10	0 19	2 6	34 59	12 54	18 2	17 37	16 11		n.a.	S 26
M27	22 17	20 11	1 19	20 27	1 4	24 14	0 22	22 44	0 30	18 59	1 11	23 24	0 12	17 9	0 10	0 19	2 6	34 59	12 54	18 2	17 36	16 12		n.a.	M27
T 28	22 8	20 54	2 19	19 57	0 58	24 16	0 25	22 50	0 31	18 56	1 11	23 25	0 12	17 9	0 10	0 19	2 6	35 0	12 54	18 1	17 35	16 13		n.a.	T 28
W29	21 58	20 38	3 14	19 25	0 52	24 17	0 27	22 57	0 32	18 52	1 11	23 25	0 12	17 10	0 10	0 18	2 6	35 0	12 54	18 0	17 34	16 15		n.a.	W29
T 30	21 49	19 20	4 0	18 53	0 46	24 18	0 29	23 3	0 33	18 48	1 11	23 26	0 12	17 11	0 10	0 18	2 6	35 0	12 54	17 57	17 33	16 16		n.a.	T 30
F 31	21n38	17n 2	4s35	18n21	0n39	24n18	0n32	23n 9	0n33	18n45	1n11	23n26	0s12	17n11	0s10	0n18	2s 6	35s 0	12s54	17s54	17s33	16n17		n.a.	F 31

Julian Day Number = 1205506.5, Delta T = 09h18m13s
Ecliptic obliquity = 23°51'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'57, Lahiri = -23°26'56 Julian Calendar 1 July 1413 BCE == Greg. Calendar 18 June 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

AUGUST 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 48 45	25♋14'14	7♌51	12♌48	5♋58	12♊24	11♌48	22♊24	17♉30	5°R30	20°R24	19°R17	18♏ 7	12♉21	n.a.	S 1
S 2	19 52 41	26°12'43	21°13	14°22	7°12	13° 1	12° 1	22°31	17°32	5♈30	20♑23	19♏ 6	18° 4	12°28	n.a.	S 2
M 3	19 56 38	27°11'15	4♍47	15°54	8°26	13°38	12°14	22°38	17°34	5°30	20°21	18°56	18° 1	12°35	n.a.	M 3
T 4	20 0 35	28° 9'49	18°31	17°26	9°41	14°15	12°27	22°45	17°36	5°29	20°20	18°49	17°58	12°41	n.a.	T 4
W 5	20 4 31	29° 8'24	2♎22	18°56	10°55	14°53	12°39	22°52	17°37	5°29	20°19	18°43	17°55	12°48	n.a.	W 5
T 6	20 8 28	0♌ 7'01	16°20	20°25	12° 9	15°30	12°52	22°58	17°39	5°28	20°18	18°41	17°52	12°55	n.a.	T 6
F 7	20 12 24	1° 5'41	0♏24	21°53	13°23	16° 7	13° 5	23° 5	17°40	5°28	20°16	18°D40	17°48	13° 1	n.a.	F 7
S 8	20 16 21	2° 4'21	14°31	23°20	14°37	16°44	13°18	23°11	17°42	5°27	20°15	18°R40	17°45	13° 8	n.a.	S 8
S 9	20 20 17	3° 3'04	28°42	24°46	15°52	17°20	13°31	23°18	17°43	5°27	20°14	18°40	17°42	13°15	n.a.	S 9
M10	20 24 14	4° 1'49	12♐54	26°10	17° 6	17°57	13°44	23°25	17°45	5°26	20°13	18°38	17°39	13°21	n.a.	M10
T 11	20 28 10	5° 0'35	27° 7	27°34	18°21	18°34	13°57	23°31	17°46	5°25	20°11	18°34	17°36	13°28	n.a.	T 11
W12	20 32 7	5°59'24	11♑15	28°56	19°35	19°11	14°10	23°37	17°47	5°25	20°10	18°27	17°32	13°34	n.a.	W12
T 13	20 36 3	6°58'14	25°14	0♒17	20°50	19°47	14°23	23°44	17°49	5°24	20° 9	18°17	17°29	13°41	n.a.	T 13
F 14	20 40 0	7°57'07	9♓ 1	1°36	22° 4	20°24	14°36	23°50	17°50	5°23	20° 8	18° 5	17°26	13°48	n.a.	F 14
S 15	20 43 57	8°56'02	22°32	2°54	23°19	21° 1	14°49	23°56	17°51	5°23	20° 7	17°52	17°23	13°54	n.a.	S 15
S 16	20 47 53	9°54'58	5♈43	4°11	24°33	21°37	15° 2	24° 2	17°52	5°22	20° 5	17°41	17°20	14° 1	n.a.	S 16
M17	20 51 50	10°53'58	18°34	5°26	25°48	22°14	15°15	24° 9	17°53	5°21	20° 4	17°30	17°17	14° 8	n.a.	M17
T 18	20 55 46	11°52'59	1♉ 5	6°40	27° 3	22°50	15°28	24°15	17°54	5°20	20° 3	17°22	17°13	14°14	n.a.	T 18
W19	20 59 43	12°52'03	13°19	7°52	28°17	23°26	15°41	24°21	17°55	5°19	20° 2	17°17	17°10	14°21	n.a.	W19
T 20	21 3 39	13°51'09	25°19	9° 2	29°32	24° 3	15°54	24°27	17°56	5°18	20° 1	17°14	17° 7	14°28	n.a.	T 20
F 21	21 7 36	14°50'18	7♉10	10°10	0♌47	24°39	16° 8	24°32	17°57	5°17	20° 0	17°13	17° 4	14°34	n.a.	F 21
S 22	21 11 32	15°49'29	18°58	11°16	2° 2	25°15	16°21	24°38	17°58	5°16	19°58	17°13	17° 1	14°41	n.a.	S 22
S 23	21 15 29	16°48'43	0♊48	12°20	3°17	25°51	16°34	24°44	17°59	5°16	19°57	17°13	16°57	14°48	n.a.	S 23
M24	21 19 25	17°47'59	12°45	13°22	4°32	26°27	16°47	24°50	17°59	5°14	19°56	17°11	16°54	14°54	n.a.	M24
T 25	21 23 22	18°47'18	24°55	14°21	5°47	27° 3	17° 0	24°55	18° 0	5°13	19°55	17° 7	16°51	15° 1	n.a.	T 25
W26	21 27 19	19°46'39	7♋22	15°18	7° 2	27°39	17°13	25° 1	18° 1	5°12	19°54	17° 1	16°48	15° 8	n.a.	W26
T 27	21 31 15	20°46'03	20° 8	16°11	8°17	28°15	17°26	25° 6	18° 1	5°11	19°53	16°51	16°45	15°14	n.a.	T 27
F 28	21 35 12	21°45'28	3♌16	17° 2	9°32	28°51	17°39	25°12	18° 2	5°10	19°52	16°40	16°42	15°21	n.a.	F 28
S 29	21 39 8	22°44'57	16°44	17°48	10°47	29°27	17°52	25°17	18° 2	5° 9	19°51	16°27	16°38	15°27	n.a.	S 29
S 30	21 43 5	23°44'27	0♍30	18°31	12° 2	0♋ 3	18° 5	25°22	18° 3	5° 8	19°50	16°15	16°35	15°34	n.a.	S 30
M31	21 47 1	24♌43'59	14♍30	19♍10	13♌17	0♋38	18♌18	25♊27	18♉ 3	5♈ 7	19♑49	16♏ 3	16♏32	15♉41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n28	13n51	4s57	17n47	0n33	24n17	0n34	23n14	0n34	18n41	1n11	23n27	0s12	17n12	0s10	0n18	2s 6	35s 1	12s54	17s51	17s32	16n18		n.a.	S 1
S 2	21 17	9 54	5 3	17 13	0 26	24 16	0 36	23 20	0 35	18 37	1 11	23 27	0 12	17 12	0 10	0 18	2 6	35 1	12 54	17 48	17 31	16 20		n.a.	S 2
M 3	21 5	5 25	4 51	16 39	0 19	24 14	0 39	23 25	0 35	18 34	1 11	23 28	0 11	17 13	0 10	0 18	2 6	35 1	12 54	17 45	17 30	16 21		n.a.	M 3
T 4	20 53	0 35	4 24	16 4	0 11	24 11	0 41	23 31	0 36	18 30	1 11	23 28	0 11	17 13	0 10	0 17	2 6	35 1	12 54	17 43	17 29	16 22		n.a.	T 4
W 5	20 41	4s19	3 40	15 28	0 4	24 7	0 43	23 36	0 37	18 26	1 11	23 29	0 11	17 14	0 10	0 17	2 6	35 1	12 54	17 42	17 28	16 23		n.a.	W 5
T 6	20 29	9 2	2 43	14 53	0s 4	24 3	0 45	23 41	0 38	18 23	1 11	23 29	0 11	17 14	0 10	0 17	2 7	35 2	12 54	17 41	17 27	16 25		n.a.	T 6
F 7	20 16	13 18	1 36	14 17	0 11	23 58	0 47	23 45	0 38	18 19	1 11	23 29	0 11	17 14	0 10	0 17	2 7	35 2	12 54	17 41	17 26	16 26		n.a.	F 7
S 8	20 3	16 50	0 22	13 41	0 19	23 52	0 49	23 50	0 39	18 15	1 11	23 30	0 11	17 15	0 10	0 16	2 7	35 2	12 54	17 41	17 25	16 27		n.a.	S 8
S 9	19 49	19 21	0n53	13 5	0 27	23 45	0 52	23 54	0 40	18 11	1 11	23 30	0 11	17 15	0 10	0 16	2 7	35 2	12 54	17 41	17 24	16 28		n.a.	S 9
M10	19 35	20 41	2 5	12 28	0 35	23 38	0 53	23 58	0 41	18 8	1 11	23 31	0 11	17 16	0 10	0 16	2 7	35 2	12 54	17 40	17 24	16 29		n.a.	M10
T 11	19 21	20 41	3 9	11 52	0 43	23 30	0 55	24 3	0 41	18 4	1 11	23 31	0 11	17 16	0 10	0 15	2 7	35 3	12 54	17 39	17 23	16 31		n.a.	T 11
W12	19 6	19 23	4 1	11 16	0 51	23 21	0 57	24 6	0 42	18 0	1 11	23 31	0 11	17 17	0 10	0 15	2 7	35 3	12 54	17 37	17 22	16 32		n.a.	W12
T 13	18 51	16 55	4 37	10 39	0 59	23 11	0 59	24 10	0 43	17 56	1 11	23 32	0 11	17 17	0 10	0 15	2 7	35 3	12 54	17 34	17 21	16 33		n.a.	T 13
F 14	18 36	13 32	4 57	10 3	1 7	23 1	1 1	24 14	0 43	17 52	1 11	23 32	0 11	17 17	0 10	0 14	2 7	35 3	12 54	17 31	17 20	16 34		n.a.	F 14
S 15	18 20	9 31	5 0	9 27	1 15	22 50	1 3	24 17	0 44	17 48	1 11	23 33	0 10	17 18	0 10	0 14	2 7	35 3	12 54	17 27	17 19	16 35		n.a.	S 15
S 16	18 4	5 9	4 46	8 52	1 23	22 38	1 4	24 20	0 45	17 44	1 11	23 33	0 10	17 18	0 10	0 14	2 7	35 3	12 54	17 24	17 18	16 37		n.a.	S 16
M17	17 48	0 39	4 18	8 16	1 31	22 26	1 6	24 23	0 46	17 41	1 11	23 33	0 10	17 18	0 10	0 13	2 7	35 3	12 53	17 21	17 17	16 38		n.a.	M17
T 18	17 32	3n46	3 39	7 42	1 39	22 13	1 7	24 26	0 47	17 37	1 11	23 34	0 10	17 18	0 10	0 13	2 7	35 3	12 53	17 19	17 16	16 39		n.a.	T 18
W19	17 15	7 56	2 49	7 7	1 47	21 59	1 9	24 29	0 47	17 33	1 11	23 34	0 10	17 19	0 10	0 12	2 7	35 4	12 53	17 17	17 15	16 40		n.a.	W19
T 20	16 58	11 43	1 53	6 33	1 55	21 45	1 10	24 31	0 48	17 29	1 11	23 34	0 10	17 19	0 10	0 12	2 7	35 4	12 53	17 17	17 14	16 41		n.a.	T 20
F 21	16 40	14 59	0 53	6 0	2 3	21 30	1 12	24 34	0 49	17 25	1 11	23 35	0 10	17 19	0 10	0 12	2 7	35 4	12 53	17 16	17 14	16 42		n.a.	F 21
S 22	16 22	17 37	0s 9	5 28	2 10	21 14	1 13	24 36	0 50	17 21	1 11	23 35	0 10	17 20	0 10	0 11	2 8	35 4	12 53	17 16	17 13	16 43		n.a.	S 22
S 23	16 4	19 31	1 11	4 56	2 18	20 58	1 14	24 38	0 50	17 17	1 11	23 35	0 10	17 20	0 10	0 11	2 8	35 4	12 53	17 16	17 12	16 45		n.a.	S 23
M24	15 46	20 34	2 11	4 25	2 25	20 41	1 15	24 40	0 51	17 13	1 11	23 36	0 10	17 20	0 10	0 10	2 8	35 4	12 53	17 16	17 11	16 46		n.a.	M24
T 25	15 27	20 40	3 6	3 56	2 32	20 24	1 17	24 41	0 52	17 9	1 11	23 36	0 10	17 20	0 10	0 10	2 8	35 4	12 53	17 15	17 10	16 47		n.a.	T 25
W26	15 8	19 47	3 53	3 27	2 39	20 5	1 18	24 43	0 53	17 5	1 12	23 36	0 10	17 20	0 10	0 9	2 8	35 4	12 53	17 13	17 9	16 48		n.a.	W26
T 27	14 49	17 53	4 29	3 0	2 46	19 47	1 19	24 44	0 53	17 1	1 12	23 37	0 10	17 20	0 10	0 9	2 8	35 4	12 52	17 10	17 8	16 49		n.a.	T 27
F 28	14 30	15 2	4 53	2 35	2 52	19 27	1 20	24 46	0 54	16 57	1 12	23 37	0 9	17 21	0 10	0 8	2 8	35 4	12 52	17 7	17 7	16 50		n.a.	F 28
S 29	14 10	11 19	5 1	2 11	2 58	19 7	1 20	24 47	0 55	16 53	1 12	23 37	0 9	17 21	0 10	0 8	2 8	35 4	12 52	17 3	17 6	16 51		n.a.	S 29
S 30	13 50	6 57	4 52	1 49	3 3	18 47	1 21	24 47	0 56	16 49	1 12	23 37	0 9	17 21	0 10	0 7	2 8	35 4	12 52	16 59	17 5	16 53		n.a.	S 30
M31	13n30	2n 8	4s25	1n29	3s 8	18n26	1n22	24n48	0n57	16n45	1n12	23n38	0s 9	17n21	0s10	0n 7	2s 8	35s 4	12s52	16s56	17s 4	16n54		n.a.	M31

Julian Day Number = 1205537.5, Delta T = 09h18m11s
Ecliptic obliquity = 23°51'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'53, Lahiri = -23°26'52 Julian Calendar 1 Aug. 1413 BCE == Greg. Calendar 19 July 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

SEPTEMBER 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 50 58	25♌43'34	28♍40	19♍44	14♌32	1♋14	18♌31	25♊32	18♉ 3	5°R 5	19°R48	15°R54	16♏29	15♉47	n.a.	T 1
W 2	21 54 54	26°43'10	12♎54	20°13	15°47	1°49	18°44	25°37	18° 3	5♈ 4	19♑47	15♏48	16°26	15°54	n.a.	W 2
T 3	21 58 51	27°42'48	27° 9	20°36	17° 2	2°25	18°58	25°42	18° 4	5° 3	19°46	15°45	16°23	16° 1	n.a.	T 3
F 4	22 2 48	28°42'29	11♏22	20°53	18°18	3° 0	19°11	25°47	18° 4	5° 2	19°45	15°D44	16°19	16° 7	n.a.	F 4
S 5	22 6 44	29°42'11	25°30	21° 4	19°33	3°35	19°24	25°52	18° 4	5° 0	19°44	15°R44	16°16	16°14	n.a.	S 5
S 6	22 10 41	0♍41'55	9♐33	21°R 7	20°48	4°11	19°37	25°57	18°R 4	4°59	19°43	15°44	16°13	16°21	n.a.	S 6
M 7	22 14 37	1°41'41	23°30	21° 3	22° 3	4°46	19°49	26° 1	18° 4	4°58	19°42	15°42	16°10	16°27	n.a.	M 7
T 8	22 18 34	2°41'29	7♑21	20°51	23°19	5°21	20° 2	26° 6	18° 4	4°56	19°41	15°38	16° 7	16°34	n.a.	T 8
W 9	22 22 30	3°41'18	21° 4	20°30	24°34	5°56	20°15	26°10	18° 3	4°55	19°40	15°31	16° 3	16°41	n.a.	W 9
T 10	22 26 27	4°41'10	4♒37	20° 0	25°49	6°31	20°28	26°15	18° 3	4°54	19°40	15°22	16° 0	16°47	n.a.	T 10
F 11	22 30 23	5°41'03	18° 0	19°22	27° 5	7° 6	20°41	26°19	18° 3	4°52	19°39	15°10	15°57	16°54	n.a.	F 11
S 12	22 34 20	6°40'59	1♓ 9	18°35	28°20	7°40	20°54	26°23	18° 3	4°51	19°38	14°58	15°54	17° 1	n.a.	S 12
S 13	22 38 16	7°40'56	14° 4	17°40	29°35	8°15	21° 7	26°27	18° 2	4°49	19°37	14°47	15°51	17° 7	n.a.	S 13
M14	22 42 13	8°40'56	26°42	16°37	0♍51	8°50	21°20	26°31	18° 2	4°48	19°36	14°36	15°48	17°14	n.a.	M14
T 15	22 46 10	9°40'57	9♈ 5	15°28	2° 6	9°24	21°32	26°35	18° 2	4°46	19°36	14°28	15°44	17°20	n.a.	T 15
W16	22 50 6	10°41'01	21°14	14°15	3°22	9°59	21°45	26°39	18° 1	4°45	19°35	14°23	15°41	17°27	n.a.	W16
T 17	22 54 3	11°41'07	3♉12	12°58	4°37	10°33	21°58	26°43	18° 0	4°43	19°34	14°20	15°38	17°34	n.a.	T 17
F 18	22 57 59	12°41'15	15° 2	11°41	5°53	11° 8	22°11	26°46	18° 0	4°42	19°34	14°D20	15°35	17°40	n.a.	F 18
S 19	23 1 56	13°41'26	26°49	10°27	7° 8	11°42	22°23	26°50	17°59	4°40	19°33	14°20	15°32	17°47	n.a.	S 19
S 20	23 5 52	14°41'39	8♊38	9°16	8°24	12°16	22°36	26°53	17°58	4°39	19°32	14°21	15°29	17°54	n.a.	S 20
M21	23 9 49	15°41'54	20°35	8°11	9°39	12°50	22°48	26°56	17°58	4°37	19°32	14°R21	15°25	18° 0	n.a.	M21
T 22	23 13 45	16°42'11	2♋44	7°15	10°55	13°24	23° 1	27° 0	17°57	4°35	19°31	14°20	15°22	18° 7	n.a.	T 22
W23	23 17 42	17°42'30	15°11	6°29	12°10	13°58	23°14	27° 3	17°56	4°34	19°31	14°16	15°19	18°14	n.a.	W23
T 24	23 21 38	18°42'52	28° 0	5°54	13°26	14°32	23°26	27° 6	17°55	4°32	19°30	14°10	15°16	18°20	n.a.	T 24
F 25	23 25 35	19°43'15	11♌14	5°30	14°41	15° 6	23°38	27° 9	17°54	4°31	19°29	14° 2	15°13	18°27	n.a.	F 25
S 26	23 29 32	20°43'41	24°53	5°18	15°57	15°39	23°51	27°12	17°53	4°29	19°29	13°53	15° 9	18°34	n.a.	S 26
S 27	23 33 28	21°44'08	8♍56	5°D17	17°12	16°13	24° 3	27°14	17°52	4°27	19°28	13°44	15° 6	18°40	n.a.	S 27
M28	23 37 25	22°44'38	23°18	5°27	18°28	16°46	24°15	27°17	17°51	4°26	19°28	13°36	15° 3	18°47	n.a.	M28
T 29	23 41 21	23°45'09	7♎53	5°48	19°44	17°20	24°28	27°20	17°50	4°24	19°28	13°29	15° 0	18°53	n.a.	T 29
W30	23 45 18	24♍45'42	22♎35	6♍18	20♍59	17♋53	24♌40	27♊22	17♉48	4♈22	19♑27	13♏25	14♏57	19♉ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n10	2s50	3s42	1n11	3s13	18n 5	1n23	24n49	0n57	16n41	1n12	23n38	0s 9	17n21	0s10	0n 6	2s 8	35s 4	12s52	16s53	17s 3	16n55		n.a.
W 2	12 49	7 42	2 45	0 57	3 16	17 42	1 23	24 49	0 58	16 36	1 12	23 38	0 9	17 21	0 10	0 6	2 8	35 4	12 52	16 52	17 2	16 56		n.a.
T 3	12 29	12 8	1 37	0 44	3 19	17 20	1 24	24 49	0 59	16 32	1 12	23 38	0 9	17 21	0 10	0 5	2 8	35 4	12 51	16 51	17 2	16 57		n.a.
F 4	12 8	15 52	0 23	0 36	3 22	16 57	1 24	24 49	1 0	16 28	1 12	23 39	0 9	17 21	0 10	0 5	2 8	35 4	12 51	16 50	17 1	16 58		n.a.
S 5	11 46	18 38	0n52	0 30	3 23	16 33	1 25	24 49	1 1	16 24	1 12	23 39	0 9	17 21	0 10	0 4	2 8	35 4	12 51	16 50	17 0	16 59		n.a.
S 6	11 25	20 15	2 3	0 29	3 23	16 9	1 25	24 49	1 2	16 20	1 12	23 39	0 9	17 21	0 10	0 3	2 8	35 4	12 51	16 50	16 59	17 0		n.a.
M 7	11 3	20 36	3 6	0 32	3 22	15 45	1 25	24 49	1 2	16 16	1 12	23 39	0 9	17 21	0 10	0 3	2 8	35 4	12 51	16 50	16 58	17 1		n.a.
T 8	10 42	19 41	3 58	0 39	3 19	15 20	1 26	24 48	1 3	16 12	1 12	23 39	0 9	17 21	0 10	0 2	2 8	35 4	12 51	16 49	16 57	17 3		n.a.
W 9	10 20	17 38	4 36	0 51	3 15	14 55	1 26	24 47	1 4	16 8	1 12	23 40	0 8	17 21	0 10	0 2	2 8	35 4	12 50	16 46	16 56	17 4		n.a.
T 10	9 58	14 38	4 57	1 8	3 10	14 29	1 26	24 47	1 5	16 4	1 12	23 40	0 8	17 21	0 10	0 1	2 8	35 4	12 50	16 44	16 55	17 5		n.a.
F 11	9 35	10 55	5 2	1 30	3 2	14 3	1 26	24 46	1 6	16 0	1 13	23 40	0 8	17 21	0 10	0 1	2 8	35 4	12 50	16 40	16 54	17 6		n.a.
S 12	9 13	6 44	4 50	1 57	2 53	13 36	1 26	24 44	1 7	15 55	1 13	23 40	0 8	17 21	0 10	0s 0	2 8	35 4	12 50	16 37	16 53	17 7		n.a.
S 13	8 50	2 19	4 24	2 29	2 42	13 9	1 26	24 43	1 7	15 51	1 13	23 41	0 8	17 21	0 10	0 1	2 9	35 4	12 50	16 33	16 52	17 8		n.a.
M14	8 27	2n 6	3 45	3 6	2 28	12 42	1 26	24 42	1 8	15 47	1 13	23 41	0 8	17 21	0 10	0 1	2 9	35 4	12 49	16 30	16 51	17 9		n.a.
T 15	8 4	6 21	2 56	3 47	2 13	12 14	1 25	24 40	1 9	15 43	1 13	23 41	0 8	17 21	0 10	0 2	2 9	35 4	12 49	16 28	16 50	17 10		n.a.
W16	7 41	10 17	2 0	4 31	1 56	11 46	1 25	24 38	1 10	15 39	1 13	23 41	0 8	17 20	0 10	0 3	2 9	35 4	12 49	16 26	16 49	17 11		n.a.
T 17	7 18	13 43	0 59	5 18	1 38	11 18	1 25	24 36	1 11	15 35	1 13	23 41	0 8	17 20	0 10	0 3	2 9	35 4	12 49	16 25	16 48	17 12		n.a.
F 18	6 55	16 34	0s 4	6 6	1 19	10 49	1 24	24 34	1 12	15 31	1 13	23 41	0 8	17 20	0 10	0 4	2 9	35 4	12 49	16 25	16 48	17 13		n.a.
S 19	6 31	18 43	1 7	6 53	0 58	10 20	1 24	24 32	1 13	15 27	1 13	23 42	0 8	17 20	0 10	0 5	2 9	35 3	12 48	16 25	16 47	17 14		n.a.
S 20	6 8	20 3	2 7	7 39	0 38	9 51	1 23	24 30	1 13	15 23	1 13	23 42	0 8	17 20	0 10	0 5	2 9	35 3	12 48	16 26	16 46	17 15		n.a.
M21	5 44	20 30	3 2	8 23	0 17	9 22	1 23	24 28	1 14	15 18	1 13	23 42	0 7	17 19	0 10	0 6	2 9	35 3	12 48	16 26	16 45	17 16		n.a.
T 22	5 20	20 0	3 50	9 2	0n 3	8 52	1 22	24 25	1 15	15 14	1 14	23 42	0 7	17 19	0 10	0 7	2 9	35 3	12 48	16 25	16 44	17 17		n.a.
W23	4 56	18 32	4 28	9 37	0 22	8 22	1 21	24 22	1 16	15 10	1 14	23 42	0 7	17 19	0 10	0 7	2 9	35 3	12 47	16 24	16 43	17 18		n.a.
T 24	4 32	16 7	4 55	10 7	0 40	7 52	1 20	24 20	1 17	15 6	1 14	23 42	0 7	17 19	0 10	0 8	2 9	35 3	12 47	16 22	16 42	17 19		n.a.
F 25	4 8	12 48	5 6	10 31	0 56	7 21	1 20	24 17	1 18	15 2	1 14	23 43	0 7	17 18	0 10	0 9	2 9	35 3	12 47	16 20	16 41	17 20		n.a.
S 26	3 44	8 44	5 1	10 50	1 11	6 50	1 19	24 14	1 19	14 58	1 14	23 43	0 7	17 18	0 10	0 9	2 9	35 3	12 47	16 17	16 40	17 21		n.a.
S 27	3 20	4 5	4 38	11 2	1 24	6 20	1 18	24 10	1 20	14 54	1 14	23 43	0 7	17 18	0 10	0 10	2 9	35 2	12 46	16 14	16 39	17 22		n.a.
M28	2 56	0s54	3 57	11 9	1 36	5 49	1 17	24 7	1 21	14 50	1 14	23 43	0 7	17 18	0 10	0 11	2 9	35 2	12 46	16 12	16 38	17 23		n.a.
T 29	2 31	5 55	3 0	11 10	1 45	5 17	1 16	24 4	1 22	14 46	1 14	23 43	0 7	17 17	0 10	0 11	2 9	35 2	12 46	16 10	16 37	17 24		n.a.
W30	2n 7	10s38	1s50	11n 6	1n54	4n46	1n14	24n 0	1n23	14n42	1n15	23n43	0s 7	17n17	0s10	0s12	2s 9	35s 2	12s46	16s 9	16s36	17n25		n.a.

Julian Day Number = 1205568.5, Delta T = 09h18m09s
Ecliptic obliquity = 23°51'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'48, Lahiri = -23°26'48 Julian Calendar 1 Sept. 1413 BCE == Greg. Calendar 19 Aug. 1413 BCE

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

OCTOBER 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 49 14	25♍46'16	7♏15	6♍57	22♍15	18♋26	24♌52	27♊24	17°R47	4°R21	19°R27	13°D23	14♏54	19♉ 7	n.a.	T 1
F 2	23 53 11	26°46'52	21°49	7°44	23°30	18°59	25° 4	27°27	17♉46	4♈19	19♂26	13♏24	14°50	19°13	n.a.	F 2
S 3	23 57 7	27°47'30	6♐12	8°38	24°46	19°32	25°16	27°29	17°44	4°17	19°26	13°25	14°47	19°20	n.a.	S 3
S 4	0 1 4	28°48'09	20°21	9°38	26° 2	20° 5	25°28	27°31	17°43	4°16	19°26	13°26	14°44	19°27	n.a.	S 4
M 5	0 5 1	29°48'49	4♂15	10°43	27°17	20°38	25°40	27°33	17°42	4°14	19°25	13°R26	14°41	19°33	n.a.	M 5
T 6	0 8 57	0♎49'30	17°55	11°53	28°33	21°10	25°52	27°34	17°40	4°12	19°25	13°25	14°38	19°40	n.a.	T 6
W 7	0 12 54	1°50'13	1♒21	13° 7	29°49	21°43	26° 4	27°36	17°39	4°10	19°25	13°21	14°34	19°47	n.a.	W 7
T 8	0 16 50	2°50'57	14°34	14°24	1♎ 4	22°15	26°16	27°38	17°37	4° 9	19°25	13°16	14°31	19°53	n.a.	T 8
F 9	0 20 47	3°51'42	27°33	15°44	2°20	22°48	26°27	27°39	17°35	4° 7	19°25	13° 9	14°28	20° 0	n.a.	F 9
S 10	0 24 43	4°52'29	10♓20	17° 6	3°35	23°20	26°39	27°40	17°34	4° 5	19°24	13° 2	14°25	20° 7	n.a.	S 10
S 11	0 28 40	5°53'17	22°54	18°31	4°51	23°52	26°50	27°42	17°32	4° 4	19°24	12°55	14°22	20°13	n.a.	S 11
M12	0 32 36	6°54'06	5♈16	19°57	6° 7	24°24	27° 2	27°43	17°30	4° 2	19°24	12°49	14°19	20°20	n.a.	M12
T 13	0 36 33	7°54'57	17°27	21°24	7°22	24°56	27°13	27°44	17°28	4° 0	19°24	12°45	14°15	20°26	n.a.	T 13
W14	0 40 29	8°55'49	29°29	22°53	8°38	25°28	27°25	27°45	17°27	3°59	19°24	12°42	14°12	20°33	n.a.	W14
T 15	0 44 26	9°56'43	11♉22	24°23	9°53	25°59	27°36	27°45	17°25	3°57	19°24	12°D41	14° 9	20°40	n.a.	T 15
F 16	0 48 23	10°57'38	23°11	25°54	11° 9	26°31	27°47	27°46	17°23	3°55	19°D24	12°42	14° 6	20°46	n.a.	F 16
S 17	0 52 19	11°58'34	4♊57	27°25	12°25	27° 2	27°58	27°47	17°21	3°53	19°24	12°43	14° 3	20°53	n.a.	S 17
S 18	0 56 16	12°59'32	16°46	28°57	13°40	27°33	28° 9	27°47	17°19	3°52	19°24	12°45	14° 0	21° 0	n.a.	S 18
M19	1 0 12	14° 0'32	28°41	0♎29	14°56	28° 4	28°20	27°47	17°17	3°50	19°24	12°47	13°56	21° 6	n.a.	M19
T 20	1 4 9	15° 1'33	10♋48	2° 1	16°11	28°35	28°31	27°48	17°15	3°48	19°24	12°R48	13°53	21°13	n.a.	T 20
W21	1 8 5	16° 2'35	23°12	3°34	17°27	29° 6	28°42	27°48	17°13	3°47	19°24	12°48	13°50	21°20	n.a.	W21
T 22	1 12 2	17° 3'39	5♌56	5° 7	18°43	29°37	28°53	27°R48	17°11	3°45	19°24	12°46	13°47	21°26	n.a.	T 22
F 23	1 15 59	18° 4'44	19° 6	6°40	19°58	0♌ 7	29° 3	27°48	17° 9	3°43	19°25	12°44	13°44	21°33	n.a.	F 23
S 24	1 19 55	19° 5'50	2♍43	8°14	21°14	0°38	29°14	27°47	17° 6	3°42	19°25	12°41	13°40	21°40	n.a.	S 24
S 25	1 23 52	20° 6'57	16°48	9°47	22°29	1° 8	29°24	27°47	17° 4	3°40	19°25	12°37	13°37	21°46	n.a.	S 25
M26	1 27 48	21° 8'06	1♎17	11°21	23°45	1°38	29°35	27°47	17° 2	3°39	19°25	12°34	13°34	21°53	n.a.	M26
T 27	1 31 45	22° 9'15	16° 6	12°54	25° 1	2° 8	29°45	27°46	17° 0	3°37	19°26	12°32	13°31	22° 0	n.a.	T 27
W28	1 35 41	23°10'26	1♏ 7	14°28	26°16	2°38	29°55	27°45	16°57	3°35	19°26	12°30	13°28	22° 6	n.a.	W28
T 29	1 39 38	24°11'37	16°12	16° 2	27°32	3° 7	0♍ 5	27°45	16°55	3°34	19°26	12°D30	13°25	22°13	n.a.	T 29
F 30	1 43 34	25°12'50	1♐10	17°35	28°47	3°37	0°15	27°44	16°53	3°32	19°27	12°31	13°21	22°19	n.a.	F 30
S 31	1 47 31	26♎14'02	15♐56	19♎ 9	0♏ 3	4♌ 6	0♍25	27♊43	16♉50	3♈31	19♂27	12♏32	13♏18	22♉26	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	1n43	14s42	0s33	10n58	2n 0	4n15	1n13	23n57	1n23	14n38	1n15	23n43	0s 7	17n17	0s10	0s13	2s 9	35s 2	12s45	16s 8	16s35	17n26		n.a.
F 2	1 18	17 48	0n46	10 45	2 6	3 43	1 12	23 53	1 24	14 34	1 15	23 44	0 7	17 16	0 10	0 13	2 9	35 1	12 45	16 8	16 34	17 27		n.a.
S 3	0 54	19 45	2 0	10 28	2 10	3 11	1 11	23 49	1 25	14 30	1 15	23 44	0 6	17 16	0 10	0 14	2 9	35 1	12 45	16 8	16 33	17 28		n.a.
S 4	0 29	20 24	3 7	10 8	2 12	2 40	1 9	23 45	1 26	14 26	1 15	23 44	0 6	17 15	0 10	0 15	2 9	35 1	12 45	16 9	16 32	17 29		n.a.
M 5	0 5	19 47	4 1	9 44	2 14	2 8	1 8	23 41	1 27	14 22	1 15	23 44	0 6	17 15	0 10	0 15	2 9	35 1	12 44	16 9	16 31	17 30		n.a.
T 6	0s20	18 0	4 40	9 18	2 15	1 36	1 6	23 37	1 28	14 18	1 15	23 44	0 6	17 15	0 10	0 16	2 9	35 1	12 44	16 8	16 31	17 31		n.a.
W 7	0 45	15 17	5 3	8 49	2 14	1 4	1 5	23 32	1 29	14 14	1 15	23 44	0 6	17 14	0 10	0 17	2 9	35 0	12 44	16 7	16 30	17 32		n.a.
T 8	1 9	11 49	5 10	8 17	2 13	0 32	1 3	23 28	1 30	14 10	1 16	23 44	0 6	17 14	0 10	0 17	2 9	35 0	12 44	16 6	16 29	17 33		n.a.
F 9	1 34	7 50	5 1	7 44	2 12	0s 0	1 2	23 24	1 31	14 6	1 16	23 44	0 6	17 13	0 10	0 18	2 9	35 0	12 43	16 4	16 28	17 34		n.a.
S 10	1 58	3 35	4 36	7 9	2 9	0 32	1 0	23 19	1 32	14 2	1 16	23 44	0 6	17 13	0 10	0 19	2 9	35 0	12 43	16 2	16 27	17 35		n.a.
S 11	2 23	0n46	3 58	6 33	2 6	1 4	0 58	23 14	1 33	13 58	1 16	23 45	0 6	17 12	0 10	0 20	2 9	34 59	12 43	15 59	16 26	17 36		n.a.
M12	2 47	5 2	3 10	5 55	2 3	1 36	0 57	23 10	1 34	13 54	1 16	23 45	0 6	17 12	0 10	0 20	2 9	34 59	12 43	15 58	16 25	17 37		n.a.
T 13	3 12	9 1	2 14	5 17	1 59	2 8	0 55	23 5	1 35	13 51	1 16	23 45	0 6	17 11	0 10	0 21	2 9	34 59	12 42	15 56	16 24	17 38		n.a.
W14	3 36	12 36	1 12	4 37	1 54	2 40	0 53	23 0	1 36	13 47	1 17	23 45	0 5	17 11	0 10	0 22	2 9	34 59	12 42	15 55	16 23	17 39		n.a.
T 15	4 0	15 37	0 7	3 56	1 50	3 12	0 51	22 55	1 37	13 43	1 17	23 45	0 5	17 10	0 10	0 22	2 9	34 58	12 42	15 55	16 22	17 40		n.a.
F 16	4 25	17 58	0s57	3 15	1 44	3 44	0 49	22 50	1 38	13 39	1 17	23 45	0 5	17 10	0 10	0 23	2 9	34 58	12 42	15 55	16 21	17 41		n.a.
S 17	4 49	19 33	1 59	2 33	1 39	4 16	0 47	22 45	1 39	13 35	1 17	23 45	0 5	17 9	0 10	0 24	2 9	34 58	12 41	15 56	16 20	17 42		n.a.
S 18	5 13	20 16	2 56	1 51	1 33	4 48	0 45	22 39	1 40	13 32	1 17	23 45	0 5	17 9	0 10	0 24	2 9	34 58	12 41	15 56	16 19	17 43		n.a.
M19	5 37	20 5	3 47	1 9	1 28	5 19	0 43	22 34	1 42	13 28	1 17	23 45	0 5	17 8	0 10	0 25	2 9	34 57	12 41	15 57	16 18	17 44		n.a.
T 20	6 1	18 58	4 27	0 26	1 22	5 51	0 41	22 29	1 43	13 24	1 18	23 46	0 5	17 7	0 10	0 26	2 9	34 57	12 40	15 57	16 17	17 45		n.a.
W21	6 25	16 57	4 57	0s17	1 16	6 22	0 39	22 23	1 44	13 21	1 18	23 46	0 5	17 7	0 10	0 26	2 9	34 57	12 40	15 57	16 16	17 46		n.a.
T 22	6 49	14 4	5 13	1 1	1 9	6 53	0 37	22 18	1 45	13 17	1 18	23 46	0 5	17 6	0 10	0 27	2 9	34 56	12 40	15 57	16 15	17 47		n.a.
F 23	7 13	10 24	5 13	1 44	1 3	7 24	0 35	22 12	1 46	13 13	1 18	23 46	0 5	17 6	0 10	0 28	2 9	34 56	12 40	15 56	16 14	17 47		n.a.
S 24	7 36	6 5	4 56	2 27	0 56	7 55	0 33	22 6	1 47	13 10	1 18	23 46	0 5	17 5	0 10	0 28	2 9	34 56	12 39	15 55	16 13	17 48		n.a.
S 25	8 0	1 18	4 21	3 11	0 50	8 26	0 30	22 1	1 48	13 6	1 19	23 46	0 4	17 4	0 10	0 29	2 9	34 56	12 39	15 54	16 12	17 49		n.a.
M26	8 23	3s42	3 29	3 54	0 43	8 56	0 28	21 55	1 49	13 3	1 19	23 46	0 4	17 4	0 10	0 29	2 9	34 55	12 39	15 53	16 11	17 50		n.a.
T 27	8 46	8 36	2 21	4 37	0 37	9 27	0 26	21 49	1 50	12 59	1 19	23 46	0 4	17 3	0 10	0 30	2 9	34 55	12 38	15 52	16 10	17 51		n.a.
W28	9 10	13 3	1 3	5 20	0 30	9 57	0 24	21 43	1 52	12 56	1 19	23 46	0 4	17 2	0 10	0 31	2 9	34 55	12 38	15 52	16 9	17 52		n.a.
T 29	9 33	16 39	0n20	6 3	0 23	10 27	0 21	21 38	1 53	12 52	1 19	23 46	0 4	17 2	0 10	0 31	2 9	34 54	12 38	15 52	16 8	17 53		n.a.
F 30	9 55	19 6	1 42	6 46	0 17	10 56	0 19	21 32	1 54	12 49	1 20	23 46	0 4	17 1	0 10	0 32	2 9	34 54	12 38	15 52	16 7	17 54		n.a.
S 31	10s18	20s12	2n55	7s28	0n10	11s26	0n17	21n26	1n55	12n46	1n20	23n46	0s 4	17n 0	0s10	0s32	2s 9	34s54	12s37	15s52	16s 6	17n55		n.a.

Julian Day Number = 1205598.5, Delta T = 09h18m07s
Ecliptic obliquity = 23°51'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'44, Lahiri = -23°26'44 Julian Calendar 1 Oct. 1413 BCE == Greg. Calendar 18 Sept. 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

NOVEMBER 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 51 28	27♎15'16	0♑23	20♎43	1♏19	4♌35	0♍35	27°R42	16°R48	3°R29	19♑27	12♏33	13♏15	22♉33	n.a.	S 1
M 2	1 55 24	28°16'29	14°28	22°17	2°34	5° 4	0°44	27♊40	16♉46	3♈28	19°28	12°34	13°12	22°39	n.a.	M 2
T 3	1 59 21	29°17'43	28°12	23°51	3°50	5°33	0°54	27°39	16°43	3°26	19°28	12°R34	13° 9	22°46	n.a.	T 3
W 4	2 3 17	0♏18'57	11♒33	25°25	5° 5	6° 1	1° 3	27°38	16°41	3°25	19°29	12°34	13° 5	22°53	n.a.	W 4
T 5	2 7 14	1°20'12	24°35	26°59	6°21	6°30	1°13	27°36	16°38	3°23	19°29	12°33	13° 2	22°59	n.a.	T 5
F 6	2 11 10	2°21'27	7♓19	28°33	7°36	6°58	1°22	27°34	16°36	3°22	19°30	12°32	12°59	23° 6	n.a.	F 6
S 7	2 15 7	3°22'42	19°48	0♏ 7	8°52	7°26	1°31	27°33	16°33	3°20	19°30	12°31	12°56	23°13	n.a.	S 7
S 8	2 19 3	4°23'57	2♈ 5	1°41	10° 7	7°53	1°40	27°31	16°31	3°19	19°31	12°29	12°53	23°19	n.a.	S 8
M 9	2 23 0	5°25'12	14°13	3°16	11°23	8°21	1°49	27°29	16°28	3°18	19°31	12°28	12°50	23°26	n.a.	M 9
T 10	2 26 57	6°26'28	26°12	4°51	12°38	8°48	1°58	27°27	16°26	3°16	19°32	12°28	12°46	23°33	n.a.	T 10
W11	2 30 53	7°27'44	8♉ 5	6°26	13°53	9°16	2° 7	27°24	16°23	3°15	19°33	12°D27	12°43	23°39	n.a.	W11
T 12	2 34 50	8°29'01	19°55	8° 1	15° 9	9°42	2°15	27°22	16°21	3°13	19°33	12°27	12°40	23°46	n.a.	T 12
F 13	2 38 46	9°30'18	1♊42	9°36	16°24	10° 9	2°24	27°20	16°18	3°12	19°34	12°28	12°37	23°53	n.a.	F 13
S 14	2 42 43	10°31'35	13°31	11°11	17°40	10°36	2°32	27°17	16°16	3°11	19°35	12°28	12°34	23°59	n.a.	S 14
S 15	2 46 39	11°32'52	25°22	12°47	18°55	11° 2	2°40	27°15	16°13	3°10	19°36	12°28	12°31	24° 6	n.a.	S 15
M16	2 50 36	12°34'10	7♋20	14°23	20°11	11°28	2°48	27°12	16°10	3° 8	19°36	12°R28	12°27	24°12	n.a.	M16
T 17	2 54 32	13°35'28	19°28	15°59	21°26	11°54	2°56	27° 9	16° 8	3° 7	19°37	12°28	12°24	24°19	n.a.	T 17
W18	2 58 29	14°36'46	1♌50	17°36	22°41	12°19	3° 4	27° 6	16° 5	3° 6	19°38	12°28	12°21	24°26	n.a.	W18
T 19	3 2 26	15°38'05	14°29	19°13	23°57	12°45	3°11	27° 3	16° 3	3° 5	19°39	12°D28	12°18	24°32	n.a.	T 19
F 20	3 6 22	16°39'24	27°31	20°50	25°12	13°10	3°19	27° 0	16° 0	3° 4	19°40	12°28	12°15	24°39	n.a.	F 20
S 21	3 10 19	17°40'43	10♍57	22°27	26°27	13°34	3°26	26°57	15°57	3° 3	19°41	12°28	12°11	24°46	n.a.	S 21
S 22	3 14 15	18°42'02	24°51	24° 5	27°43	13°59	3°33	26°54	15°55	3° 1	19°42	12°29	12° 8	24°52	n.a.	S 22
M23	3 18 12	19°43'21	9♎11	25°43	28°58	14°23	3°41	26°51	15°52	3° 0	19°42	12°29	12° 5	24°59	n.a.	M23
T 24	3 22 8	20°44'40	23°55	27°21	0♐13	14°47	3°48	26°47	15°50	2°59	19°43	12°30	12° 2	25° 6	n.a.	T 24
W25	3 26 5	21°46'00	8♏58	29° 0	1°29	15°11	3°54	26°44	15°47	2°58	19°44	12°R30	11°59	25°12	n.a.	W25
T 26	3 30 2	22°47'19	24°11	0♐39	2°44	15°34	4° 1	26°40	15°45	2°57	19°45	12°30	11°56	25°19	n.a.	T 26
F 27	3 33 58	23°48'38	9♐25	2°18	3°59	15°57	4° 8	26°37	15°42	2°56	19°46	12°29	11°52	25°26	n.a.	F 27
S 28	3 37 55	24°49'56	24°30	3°57	5°15	16°20	4°14	26°33	15°39	2°55	19°47	12°28	11°49	25°32	n.a.	S 28
S 29	3 41 51	25°51'14	9♑17	5°36	6°30	16°42	4°20	26°29	15°37	2°55	19°48	12°26	11°46	25°39	n.a.	S 29
M30	3 45 48	26♏52'31	23♑40	7♐16	7♐45	17♌ 4	4♍26	26♊25	15♉34	2♈54	19♑50	12♏25	11♏43	25♉46	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s40	19s56	3n55	8s10	0n 3	11s55	0n14	21n20	1n56	12n42	1n20	23n47	0s 4	17n 0	0s10	0s33	2s 9	34s53	12s37	15s52	16s 5	17n55		n.a.
M 2	11 3	18 25	4 40	8 52	0s 3	12 23	0 12	21 14	1 57	12 39	1 20	23 47	0 4	16 59	0 10	0 34	2 9	34 53	12 37	15 53	16 4	17 56		n.a.
T 3	11 25	15 52	5 7	9 34	0 10	12 52	0 10	21 8	1 59	12 36	1 20	23 47	0 4	16 58	0 10	0 34	2 9	34 53	12 37	15 53	16 3	17 57		n.a.
W 4	11 47	12 32	5 17	10 15	0 16	13 20	0 7	21 2	2 0	12 32	1 21	23 47	0 3	16 58	0 10	0 35	2 8	34 52	12 36	15 53	16 2	17 58		n.a.
T 5	12 9	8 41	5 10	10 56	0 23	13 47	0 5	20 56	2 1	12 29	1 21	23 47	0 3	16 57	0 10	0 35	2 8	34 52	12 36	15 53	16 2	17 59		n.a.
F 6	12 30	4 31	4 48	11 36	0 29	14 15	0 3	20 50	2 2	12 26	1 21	23 47	0 3	16 56	0 10	0 36	2 8	34 52	12 36	15 52	16 1	18 0		n.a.
S 7	12 51	0 14	4 13	12 16	0 35	14 42	0 0	20 43	2 4	12 23	1 21	23 47	0 3	16 55	0 10	0 36	2 8	34 51	12 36	15 52	16 0	18 1		n.a.
S 8	13 13	3n59	3 26	12 55	0 41	15 9	0s 2	20 37	2 5	12 20	1 21	23 47	0 3	16 55	0 10	0 37	2 8	34 51	12 35	15 51	15 59	18 2		n.a.
M 9	13 33	8 0	2 31	13 34	0 47	15 35	0 5	20 31	2 6	12 17	1 22	23 47	0 3	16 54	0 10	0 38	2 8	34 51	12 35	15 51	15 58	18 2		n.a.
T 10	13 54	11 40	1 29	14 12	0 53	16 1	0 7	20 25	2 7	12 14	1 22	23 47	0 3	16 53	0 10	0 38	2 8	34 50	12 35	15 51	15 57	18 3		n.a.
W11	14 15	14 50	0 24	14 49	0 59	16 26	0 9	20 19	2 9	12 11	1 22	23 47	0 3	16 53	0 10	0 39	2 8	34 50	12 34	15 51	15 56	18 4		n.a.
T 12	14 35	17 22	0s41	15 26	1 5	16 51	0 12	20 13	2 10	12 8	1 22	23 47	0 3	16 52	0 10	0 39	2 8	34 49	12 34	15 51	15 55	18 5		n.a.
F 13	14 55	19 9	1 45	16 3	1 10	17 15	0 14	20 7	2 11	12 5	1 23	23 47	0 3	16 51	0 10	0 40	2 8	34 49	12 34	15 51	15 54	18 6		n.a.
S 14	15 14	20 6	2 44	16 38	1 15	17 40	0 16	20 1	2 13	12 2	1 23	23 47	0 2	16 50	0 10	0 40	2 8	34 49	12 34	15 51	15 53	18 7		n.a.
S 15	15 34	20 10	3 37	17 13	1 21	18 3	0 19	19 54	2 14	12 0	1 23	23 47	0 2	16 50	0 10	0 40	2 8	34 48	12 33	15 51	15 52	18 7		n.a.
M16	15 53	19 19	4 20	17 48	1 25	18 26	0 21	19 48	2 15	11 57	1 23	23 47	0 2	16 49	0 10	0 41	2 8	34 48	12 33	15 51	15 51	18 8		n.a.
T 17	16 12	17 35	4 53	18 21	1 30	18 49	0 23	19 42	2 17	11 54	1 24	23 48	0 2	16 48	0 10	0 41	2 8	34 48	12 33	15 51	15 50	18 9		n.a.
W18	16 30	15 1	5 13	18 53	1 35	19 11	0 26	19 36	2 18	11 52	1 24	23 48	0 2	16 47	0 10	0 42	2 8	34 47	12 33	15 51	15 49	18 10		n.a.
T 19	16 48	11 42	5 18	19 25	1 39	19 32	0 28	19 30	2 19	11 49	1 24	23 48	0 2	16 47	0 10	0 42	2 8	34 47	12 33	15 51	15 48	18 11		n.a.
F 20	17 6	7 45	5 7	19 56	1 43	19 53	0 30	19 24	2 21	11 46	1 24	23 48	0 2	16 46	0 10	0 43	2 8	34 47	12 32	15 51	15 47	18 11		n.a.
S 21	17 24	3 17	4 40	20 25	1 47	20 14	0 33	19 18	2 22	11 44	1 25	23 48	0 2	16 45	0 10	0 43	2 8	34 46	12 32	15 51	15 46	18 12		n.a.
S 22	17 41	1s31	3 55	20 54	1 50	20 34	0 35	19 12	2 24	11 42	1 25	23 48	0 2	16 44	0 10	0 43	2 8	34 46	12 32	15 51	15 45	18 13		n.a.
M23	17 58	6 22	2 55	21 21	1 53	20 53	0 37	19 7	2 25	11 39	1 25	23 48	0 2	16 44	0 10	0 44	2 8	34 45	12 32	15 51	15 44	18 14		n.a.
T 24	18 15	11 1	1 42	21 48	1 56	21 12	0 39	19 1	2 27	11 37	1 25	23 48	0 1	16 43	0 9	0 44	2 8	34 45	12 31	15 52	15 43	18 15		n.a.
W25	18 32	15 3	0 20	22 13	1 58	21 30	0 41	18 55	2 28	11 35	1 26	23 48	0 1	16 42	0 9	0 45	2 8	34 45	12 31	15 52	15 42	18 15		n.a.
T 26	18 48	18 6	1n 5	22 36	2 1	21 47	0 44	18 49	2 30	11 32	1 26	23 48	0 1	16 41	0 9	0 45	2 7	34 44	12 31	15 52	15 41	18 16		n.a.
F 27	19 3	19 53	2 24	22 59	2 2	22 4	0 46	18 44	2 31	11 30	1 26	23 48	0 1	16 41	0 9	0 45	2 7	34 44	12 31	15 51	15 40	18 17		n.a.
S 28	19 18	20 12	3 33	23 20	2 4	22 20	0 48	18 38	2 33	11 28	1 27	23 48	0 1	16 40	0 9	0 46	2 7	34 43	12 30	15 51	15 39	18 18		n.a.
S 29	19 33	19 7	4 26	23 39	2 5	22 35	0 50	18 33	2 34	11 26	1 27	23 48	0 1	16 39	0 9	0 46	2 7	34 43	12 30	15 50	15 38	18 18		n.a.
M30	19s48	16s49	5n 0	23s57	2s 5	22s50	0s52	18n27	2n36	11n24	1n27	23n48	0s 1	16n38	0s 9	0s46	2s 7	34s43	12s30	15s50	15s37	18n19		n.a.

Julian Day Number = 1205629.5, Delta T = 09h18m05s
Ecliptic obliquity = 23°51'33, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'40, Lahiri = -23°26'40 Julian Calendar 1 Nov. 1413 BCE == Greg. Calendar 19 Oct. 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1413 BCE
geocentric

DECEMBER 1413 BCE (-1412) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 49 44	27♏53'47	7♒35	8♐55	9♐ 0	17♌26	4♍32	26°R21	15°R32	2°R53	19♉51	12°R23	11♏40	25♉52	n.a.	T 1
W 2	3 53 41	28°55'03	21° 3	10°34	10°16	17°48	4°38	26♊17	15♉29	2♈52	19°52	12♏22	11°37	25°59	n.a.	W 2
T 3	3 57 38	29°56'17	4♓ 6	12°14	11°31	18° 9	4°43	26°13	15°27	2°51	19°53	12°D22	11°33	26° 6	n.a.	T 3
F 4	4 1 34	0♐57'31	16°46	13°52	12°46	18°30	4°49	26° 9	15°24	2°51	19°54	12°23	11°30	26°12	n.a.	F 4
S 5	4 5 31	1°58'44	29° 8	15°31	14° 1	18°50	4°54	26° 5	15°22	2°50	19°55	12°24	11°27	26°19	n.a.	S 5
S 6	4 9 27	2°59'56	11♈15	17° 9	15°16	19°10	4°59	26° 1	15°20	2°49	19°56	12°26	11°24	26°25	n.a.	S 6
M 7	4 13 24	4° 1'07	23°12	18°45	16°32	19°30	5° 4	25°56	15°17	2°49	19°58	12°28	11°21	26°32	n.a.	M 7
T 8	4 17 20	5° 2'17	5♉ 3	20°21	17°47	19°49	5° 9	25°52	15°15	2°48	19°59	12°29	11°17	26°39	n.a.	T 8
W 9	4 21 17	6° 3'26	16°51	21°55	19° 2	20° 8	5°13	25°47	15°12	2°47	20° 0	12°R29	11°14	26°45	n.a.	W 9
T 10	4 25 13	7° 4'34	28°39	23°28	20°17	20°26	5°18	25°43	15°10	2°47	20° 1	12°28	11°11	26°52	n.a.	T 10
F 11	4 29 10	8° 5'41	10♊28	24°58	21°32	20°44	5°22	25°38	15° 8	2°46	20° 3	12°25	11° 8	26°59	n.a.	F 11
S 12	4 33 7	9° 6'48	22°22	26°25	22°47	21° 2	5°26	25°34	15° 5	2°46	20° 4	12°21	11° 5	27° 5	n.a.	S 12
S 13	4 37 3	10° 7'53	4♋21	27°50	24° 2	21°19	5°30	25°29	15° 3	2°45	20° 5	12°17	11° 2	27°12	n.a.	S 13
M14	4 41 0	11° 8'58	16°27	29°10	25°17	21°36	5°34	25°25	15° 1	2°45	20° 7	12°11	10°58	27°19	n.a.	M14
T 15	4 44 56	12°10'02	28°43	0♏26	26°32	21°53	5°37	25°20	14°59	2°45	20° 8	12° 6	10°55	27°25	n.a.	T 15
W16	4 48 53	13°11'05	11♌10	1°37	27°47	22° 9	5°41	25°15	14°56	2°44	20° 9	12° 2	10°52	27°32	n.a.	W16
T 17	4 52 49	14°12'07	23°52	2°42	29° 2	22°24	5°44	25°11	14°54	2°44	20°11	11°58	10°49	27°39	n.a.	T 17
F 18	4 56 46	15°13'08	6♍50	3°40	0♏17	22°39	5°47	25° 6	14°52	2°44	20°12	11°57	10°46	27°45	n.a.	F 18
S 19	5 0 42	16°14'08	20° 9	4°31	1°32	22°54	5°50	25° 1	14°50	2°43	20°14	11°D56	10°43	27°52	n.a.	S 19
S 20	5 4 39	17°15'07	3♎49	5°13	2°47	23° 8	5°53	24°56	14°48	2°43	20°15	11°57	10°39	27°59	n.a.	S 20
M21	5 8 36	18°16'06	17°52	5°46	4° 2	23°21	5°55	24°51	14°46	2°43	20°16	11°59	10°36	28° 5	n.a.	M21
T 22	5 12 32	19°17'03	2♏19	6° 9	5°17	23°34	5°57	24°46	14°44	2°43	20°18	12° 0	10°33	28°12	n.a.	T 22
W23	5 16 29	20°18'00	17° 6	6°21	6°32	23°47	5°59	24°42	14°42	2°43	20°19	12°R 0	10°30	28°19	n.a.	W23
T 24	5 20 25	21°18'55	2♐ 8	6°R23	7°46	23°58	6° 1	24°37	14°40	2°43	20°21	11°59	10°27	28°25	n.a.	T 24
F 25	5 24 22	22°19'49	17°18	6°13	9° 1	24°10	6° 3	24°32	14°38	2°43	20°22	11°55	10°23	28°32	n.a.	F 25
S 26	5 28 18	23°20'42	2♑25	5°52	10°16	24°21	6° 5	24°27	14°36	2°D43	20°24	11°50	10°20	28°39	n.a.	S 26
S 27	5 32 15	24°21'33	17°19	5°21	11°31	24°31	6° 6	24°22	14°34	2°43	20°25	11°43	10°17	28°45	n.a.	S 27
M28	5 36 12	25°22'23	1♒53	4°40	12°46	24°41	6° 7	24°17	14°32	2°43	20°27	11°36	10°14	28°52	n.a.	M28
T 29	5 40 8	26°23'11	16° 1	3°49	14° 0	24°50	6° 8	24°12	14°31	2°43	20°28	11°29	10°11	28°59	n.a.	T 29
W30	5 44 5	27°23'57	29°39	2°52	15°15	24°58	6° 9	24° 7	14°29	2°43	20°30	11°24	10° 8	29° 5	n.a.	W30
T 31	5 48 1	28♐24'42	12♓49	1♑48	16♑30	25♌ 6	6♍10	24♊ 3	14♉27	2♈43	20♑31	11♏21	10♏ 4	29♉12	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s 2	13s36	5n16	24s14	2s 5	23s 4	0s54	18n22	2n37	11n22	1n27	23n48	0s 1	16n38	0s 9	0s46	2s 7	34s42	12s30	15s49	15s36	18n20			n.a.
W 2	20 16	9 47	5 13	24 28	2 4	23 18	0 56	18 17	2 39	11 20	1 28	23 48	0 1	16 37	0 9	0 47	2 7	34 42	12 30	15 49	15 35	18 21			n.a.
T 3	20 30	5 37	4 55	24 41	2 3	23 31	0 58	18 12	2 40	11 18	1 28	23 48	0 0	16 36	0 9	0 47	2 7	34 42	12 29	15 49	15 34	18 21			n.a.
F 4	20 43	1 18	4 22	24 52	2 1	23 43	1 0	18 7	2 42	11 17	1 28	23 48	0 0	16 35	0 9	0 47	2 7	34 41	12 29	15 49	15 33	18 22			n.a.
S 5	20 55	2n58	3 38	25 2	1 59	23 54	1 1	18 2	2 43	11 15	1 29	23 48	0 0	16 35	0 9	0 47	2 7	34 41	12 29	15 50	15 32	18 23			n.a.
S 6	21 7	7 2	2 44	25 9	1 56	24 5	1 3	17 57	2 45	11 13	1 29	23 48	0 0	16 34	0 9	0 48	2 7	34 40	12 29	15 50	15 31	18 24			n.a.
M 7	21 19	10 47	1 45	25 14	1 52	24 14	1 5	17 52	2 47	11 12	1 29	23 48	0 0	16 33	0 9	0 48	2 7	34 40	12 29	15 51	15 30	18 24			n.a.
T 8	21 31	14 5	0 41	25 17	1 48	24 24	1 7	17 47	2 48	11 10	1 29	23 48	0n 0	16 33	0 9	0 48	2 7	34 40	12 29	15 51	15 29	18 25			n.a.
W 9	21 42	16 47	0s24	25 19	1 42	24 32	1 8	17 43	2 50	11 9	1 30	23 48	0 0	16 32	0 9	0 48	2 7	34 39	12 28	15 51	15 28	18 26			n.a.
T 10	21 52	18 47	1 28	25 18	1 36	24 40	1 10	17 38	2 52	11 7	1 30	23 48	0 0	16 31	0 9	0 48	2 7	34 39	12 28	15 51	15 27	18 27			n.a.
F 11	22 3	19 58	2 28	25 15	1 29	24 46	1 12	17 34	2 53	11 6	1 30	23 48	0 0	16 31	0 9	0 48	2 7	34 39	12 28	15 50	15 26	18 27			n.a.
S 12	22 12	20 16	3 22	25 10	1 21	24 53	1 13	17 30	2 55	11 5	1 31	23 48	0 1	16 30	0 9	0 49	2 6	34 38	12 28	15 49	15 25	18 28			n.a.
S 13	22 22	19 40	4 7	25 3	1 12	24 58	1 15	17 26	2 57	11 4	1 31	23 47	0 1	16 29	0 9	0 49	2 6	34 38	12 28	15 47	15 24	18 29			n.a.
M14	22 30	18 9	4 42	24 54	1 2	25 2	1 16	17 22	2 59	11 3	1 31	23 47	0 1	16 29	0 9	0 49	2 6	34 37	12 28	15 46	15 23	18 29			n.a.
T 15	22 39	15 49	5 5	24 43	0 51	25 6	1 17	17 18	3 0	11 1	1 32	23 47	0 1	16 28	0 9	0 49	2 6	34 37	12 27	15 44	15 22	18 30			n.a.
W16	22 47	12 43	5 13	24 30	0 39	25 9	1 19	17 14	3 2	11 0	1 32	23 47	0 1	16 27	0 9	0 49	2 6	34 37	12 27	15 43	15 21	18 31			n.a.
T 17	22 54	8 59	5 6	24 16	0 26	25 11	1 20	17 11	3 4	11 0	1 32	23 47	0 1	16 27	0 9	0 49	2 6	34 36	12 27	15 42	15 20	18 32			n.a.
F 18	23 1	4 46	4 44	24 1	0 12	25 13	1 21	17 7	3 6	10 59	1 32	23 47	0 1	16 26	0 9	0 49	2 6	34 36	12 27	15 41	15 19	18 32			n.a.
S 19	23 8	0 12	4 6	23 44	0n 3	25 13	1 22	17 4	3 8	10 58	1 33	23 47	0 1	16 25	0 9	0 49	2 6	34 36	12 27	15 41	15 18	18 33			n.a.
S 20	23 14	4s30	3 14	23 27	0 18	25 13	1 23	17 1	3 9	10 57	1 33	23 47	0 1	16 25	0 9	0 49	2 6	34 35	12 27	15 41	15 17	18 34			n.a.
M21	23 20	9 6	2 8	23 9	0 35	25 12	1 24	16 58	3 11	10 57	1 33	23 47	0 2	16 24	0 9	0 49	2 6	34 35	12 27	15 42	15 16	18 34			n.a.
T 22	23 25	13 19	0 53	22 50	0 53	25 10	1 25	16 56	3 13	10 56	1 34	23 47	0 2	16 24	0 9	0 49	2 6	34 34	12 26	15 42	15 15	18 35			n.a.
W23	23 30	16 48	0n28	22 32	1 11	25 8	1 26	16 53	3 15	10 55	1 34	23 47	0 2	16 23	0 9	0 49	2 6	34 34	12 26	15 42	15 14	18 36			n.a.
T 24	23 34	19 12	1 48	22 13	1 29	25 5	1 27	16 51	3 17	10 55	1 34	23 47	0 2	16 22	0 9	0 49	2 6	34 34	12 26	15 42	15 13	18 36			n.a.
F 25	23 38	20 15	3 0	21 56	1 47	25 1	1 28	16 49	3 19	10 55	1 35	23 47	0 2	16 22	0 9	0 49	2 6	34 33	12 26	15 41	15 12	18 37			n.a.
S 26	23 41	19 50	4 0	21 38	2 5	24 56	1 29	16 47	3 21	10 54	1 35	23 46	0 2	16 21	0 9	0 49	2 5	34 33	12 26	15 39	15 11	18 38			n.a.
S 27	23 44	18 3	4 42	21 22	2 23	24 50	1 29	16 45	3 22	10 54	1 35	23 46	0 2	16 21	0 9	0 49	2 5	34 33	12 26	15 37	15 10	18 38			n.a.
M28	23 47	15 8	5 5	21 7	2 40	24 44	1 30	16 44	3 24	10 54	1 36	23 46	0 2	16 20	0 9	0 49	2 5	34 32	12 26	15 35	15 9	18 39			n.a.
T 29	23 48	11 25	5 9	20 53	2 55	24 36	1 31	16 42	3 26	10 54	1 36	23 46	0 2	16 20	0 9	0 49	2 5	34 32	12 26	15 33	15 8	18 40			n.a.
W30	23 50	7 13	4 54	20 41	3 9	24 29	1 31	16 41	3 28	10 54	1 36	23 46	0 3	16 19	0 9	0 49	2 5	34 32	12 26	15 31	15 7	18 40			n.a.
T 31	23s51	2s48	4n24	20s30	3n21	24s20	1s31	16n40	3n30	10n54	1n36	23n46	0n 3	16n19	0s 9	0s48	2s 5	34s31	12s26	15s30	15s 6	18n41			n.a.

Julian Day Number = 1205659.5, Delta T = 09h18m04s
Ecliptic obliquity = 23°51'33, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'36, Lahiri = -23°26'36 Julian Calendar 1 Dec. 1413 BCE == Greg. Calendar 18 Nov. 1413 BCE

The year -1412 astronomical counting style corresponds to year 1413 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

JANUARY 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 51 58	29♐25'24	25♓32	0°R40	17♉45	25♌13	6♍10	23°R58	14°R26	2♈43	20♉33	11°D20	10♏ 1	29♉18	n.a.	F 1
S 2	5 55 54	0♉26'05	7♈54	29♐30	18°59	25°20	6°10	23♊53	14♉24	2°44	20°34	11♏20	9°58	29°25	n.a.	S 2
S 3	5 59 51	1°26'43	20° 0	28°20	20°14	25°25	6°R10	23°48	14°23	2°44	20°36	11°21	9°55	29°32	n.a.	S 3
M 4	6 3 47	2°27'20	1♉54	27°11	21°28	25°31	6°10	23°43	14°21	2°44	20°38	11°22	9°52	29°38	n.a.	M 4
T 5	6 7 44	3°27'55	13°42	26° 5	22°43	25°35	6°10	23°38	14°20	2°44	20°39	11°R23	9°48	29°45	n.a.	T 5
W 6	6 11 41	4°28'28	25°28	25° 4	23°58	25°39	6° 9	23°34	14°18	2°45	20°41	11°21	9°45	29°52	n.a.	W 6
T 7	6 15 37	5°28'59	7♊17	24° 9	25°12	25°42	6° 9	23°29	14°17	2°45	20°42	11°18	9°42	29°58	n.a.	T 7
F 8	6 19 34	6°29'28	19°10	23°20	26°27	25°45	6° 8	23°24	14°16	2°46	20°44	11°12	9°39	0♊ 5	n.a.	F 8
S 9	6 23 30	7°29'56	1♋11	22°39	27°41	25°47	6° 6	23°20	14°14	2°46	20°46	11° 3	9°36	0°12	n.a.	S 9
S 10	6 27 27	8°30'22	13°21	22° 5	28°55	25°48	6° 5	23°15	14°13	2°47	20°47	10°53	9°33	0°18	n.a.	S 10
M11	6 31 23	9°30'45	25°42	21°38	0♒10	25°R48	6° 4	23°10	14°12	2°47	20°49	10°42	9°29	0°25	n.a.	M11
T 12	6 35 20	10°31'07	8♌12	21°19	1°24	25°48	6° 2	23° 6	14°11	2°48	20°50	10°30	9°26	0°32	n.a.	T 12
W13	6 39 16	11°31'28	20°54	21° 8	2°39	25°47	6° 0	23° 1	14°10	2°48	20°52	10°20	9°23	0°38	n.a.	W13
T 14	6 43 13	12°31'46	3♍48	21°D 4	3°53	25°45	5°58	22°57	14° 9	2°49	20°54	10°12	9°20	0°45	n.a.	T 14
F 15	6 47 10	13°32'03	16°55	21° 6	5° 7	25°42	5°56	22°52	14° 8	2°50	20°55	10° 6	9°17	0°52	n.a.	F 15
S 16	6 51 6	14°32'18	0♎15	21°15	6°21	25°39	5°54	22°48	14° 7	2°51	20°57	10° 3	9°14	0°58	n.a.	S 16
S 17	6 55 3	15°32'31	13°50	21°29	7°36	25°35	5°51	22°44	14° 6	2°51	20°59	10°D 2	9°10	1° 5	n.a.	S 17
M18	6 58 59	16°32'43	27°42	21°50	8°50	25°30	5°48	22°39	14° 5	2°52	21° 0	10° 3	9° 7	1°12	n.a.	M18
T 19	7 2 56	17°32'53	11♏52	22°16	10° 4	25°24	5°45	22°35	14° 4	2°53	21° 2	10°R 3	9° 4	1°18	n.a.	T 19
W20	7 6 52	18°33'02	26°18	22°46	11°18	25°18	5°42	22°31	14° 4	2°54	21° 4	10° 2	9° 1	1°25	n.a.	W20
T 21	7 10 49	19°33'09	10♐58	23°22	12°32	25°10	5°39	22°27	14° 3	2°55	21° 5	9°59	8°58	1°32	n.a.	T 21
F 22	7 14 45	20°33'14	25°46	24° 1	13°46	25° 2	5°35	22°23	14° 2	2°55	21° 7	9°53	8°54	1°38	n.a.	F 22
S 23	7 18 42	21°33'17	10♑37	24°45	15° 0	24°53	5°32	22°19	14° 2	2°56	21° 9	9°44	8°51	1°45	n.a.	S 23
S 24	7 22 39	22°33'18	25°20	25°32	16°14	24°44	5°28	22°15	14° 1	2°57	21°10	9°33	8°48	1°52	n.a.	S 24
M25	7 26 35	23°33'17	9♒49	26°22	17°28	24°33	5°24	22°11	14° 1	2°58	21°12	9°22	8°45	1°58	n.a.	M25
T 26	7 30 32	24°33'14	23°56	27°16	18°42	24°22	5°20	22° 7	14° 0	2°59	21°14	9°10	8°42	2° 5	n.a.	T 26
W27	7 34 28	25°33'08	7♓37	28°13	19°56	24°10	5°15	22° 4	14° 0	3° 1	21°15	9° 1	8°39	2°12	n.a.	W27
T 28	7 38 25	26°33'00	20°51	29°12	21°10	23°57	5°11	22° 0	14° 0	3° 2	21°17	8°54	8°35	2°18	n.a.	T 28
F 29	7 42 21	27°32'50	3♈39	0♉14	22°23	23°44	5° 6	21°57	13°59	3° 3	21°18	8°49	8°32	2°25	n.a.	F 29
S 30	7 46 18	28°32'38	16° 5	1°19	23°37	23°30	5° 1	21°53	13°59	3° 4	21°20	8°47	8°29	2°32	n.a.	S 30
S 31	7 50 14	29♉32'23	28♈13	2♉26	24♒51	23♌15	4♍56	21♊50	13♉59	3♈ 5	21♉22	8°D47	8♏26	2♊38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s51	1n35	3n42	20s20	3n31	24s10	1s32	16n40	3n32	10n54	1n37	23n46	0n 3	16n18	0s 9	0s48	2s 5	34s31	12s25	15s29	15s 5	18n42		n.a.
S 2	23 51	5 48	2 51	20 12	3 39	24 0	1 32	16 39	3 34	10 54	1 37	23 46	0 3	16 18	0 9	0 48	2 5	34 31	12 25	15 30	15 4	18 42		n.a.
S 3	23 51	9 41	1 53	20 6	3 45	23 49	1 32	16 39	3 36	10 55	1 37	23 46	0 3	16 17	0 9	0 48	2 5	34 30	12 25	15 30	15 3	18 43		n.a.
M 4	23 50	13 8	0 51	20 2	3 48	23 38	1 32	16 39	3 38	10 55	1 38	23 45	0 3	16 17	0 9	0 48	2 5	34 30	12 25	15 30	15 2	18 43		n.a.
T 5	23 49	16 2	0s13	19 59	3 49	23 26	1 32	16 39	3 40	10 55	1 38	23 45	0 3	16 17	0 9	0 48	2 5	34 30	12 25	15 30	15 1	18 44		n.a.
W 6	23 47	18 15	1 15	19 59	3 47	23 13	1 32	16 40	3 42	10 56	1 38	23 45	0 3	16 16	0 9	0 47	2 5	34 29	12 25	15 30	14 59	18 45		n.a.
T 7	23 45	19 42	2 15	20 0	3 44	22 59	1 32	16 40	3 44	10 56	1 39	23 45	0 3	16 16	0 9	0 47	2 5	34 29	12 25	15 29	14 58	18 45		n.a.
F 8	23 42	20 17	3 9	20 2	3 39	22 44	1 32	16 41	3 46	10 57	1 39	23 45	0 4	16 15	0 9	0 47	2 5	34 29	12 25	15 27	14 57	18 46		n.a.
S 9	23 39	19 57	3 55	20 7	3 33	22 29	1 32	16 43	3 48	10 58	1 39	23 45	0 4	16 15	0 9	0 47	2 4	34 28	12 25	15 24	14 56	18 46		n.a.
S 10	23 35	18 42	4 30	20 13	3 25	22 14	1 32	16 44	3 50	10 59	1 40	23 45	0 4	16 15	0 9	0 46	2 4	34 28	12 25	15 21	14 55	18 47		n.a.
M11	23 31	16 34	4 54	20 20	3 16	21 57	1 31	16 46	3 52	10 59	1 40	23 45	0 4	16 14	0 9	0 46	2 4	34 28	12 25	15 18	14 54	18 48		n.a.
T 12	23 26	13 39	5 4	20 29	3 6	21 40	1 31	16 48	3 53	11 0	1 40	23 44	0 4	16 14	0 9	0 46	2 4	34 28	12 25	15 14	14 53	18 48		n.a.
W13	23 21	10 3	4 59	20 38	2 55	21 23	1 31	16 50	3 55	11 1	1 40	23 44	0 4	16 14	0 9	0 45	2 4	34 27	12 25	15 11	14 52	18 49		n.a.
T 14	23 15	5 58	4 39	20 49	2 44	21 5	1 30	16 52	3 57	11 2	1 41	23 44	0 4	16 13	0 9	0 45	2 4	34 27	12 25	15 8	14 51	18 49		n.a.
F 15	23 9	1 31	4 4	21 1	2 33	20 46	1 29	16 55	3 59	11 3	1 41	23 44	0 4	16 13	0 9	0 45	2 4	34 27	12 25	15 6	14 50	18 50		n.a.
S 16	23 3	3s 5	3 16	21 13	2 21	20 26	1 29	16 58	4 1	11 5	1 41	23 44	0 4	16 13	0 9	0 44	2 4	34 26	12 25	15 5	14 49	18 51		n.a.
S 17	22 56	7 37	2 15	21 26	2 9	20 6	1 28	17 1	4 3	11 6	1 42	23 44	0 4	16 13	0 9	0 44	2 4	34 26	12 25	15 5	14 48	18 51		n.a.
M18	22 49	11 51	1 5	21 39	1 57	19 46	1 27	17 4	4 5	11 7	1 42	23 44	0 5	16 12	0 9	0 44	2 4	34 26	12 25	15 5	14 47	18 52		n.a.
T 19	22 41	15 30	0n10	21 53	1 45	19 25	1 26	17 8	4 6	11 8	1 42	23 44	0 5	16 12	0 9	0 43	2 4	34 26	12 25	15 5	14 46	18 52		n.a.
W20	22 33	18 17	1 25	22 6	1 33	19 3	1 25	17 12	4 8	11 10	1 43	23 43	0 5	16 12	0 9	0 43	2 4	34 25	12 25	15 5	14 45	18 53		n.a.
T 21	22 24	19 54	2 37	22 20	1 22	18 41	1 24	17 16	4 10	11 11	1 43	23 43	0 5	16 12	0 9	0 42	2 4	34 25	12 25	15 4	14 44	18 53		n.a.
F 22	22 15	20 10	3 38	22 33	1 10	18 18	1 23	17 20	4 12	11 13	1 43	23 43	0 5	16 12	0 9	0 42	2 4	34 25	12 25	15 2	14 43	18 54		n.a.
S 23	22 6	19 2	4 24	22 47	0 58	17 55	1 22	17 25	4 13	11 15	1 43	23 43	0 5	16 11	0 9	0 42	2 3	34 25	12 25	14 59	14 42	18 55		n.a.
S 24	21 56	16 39	4 53	23 0	0 47	17 32	1 21	17 30	4 15	11 16	1 44	23 43	0 5	16 11	0 9	0 41	2 3	34 24	12 25	14 56	14 41	18 55		n.a.
M25	21 46	13 15	5 2	23 12	0 36	17 7	1 19	17 35	4 16	11 18	1 44	23 43	0 5	16 11	0 9	0 41	2 3	34 24	12 25	14 52	14 40	18 56		n.a.
T 26	21 35	9 11	4 52	23 24	0 25	16 43	1 18	17 40	4 18	11 20	1 44	23 43	0 5	16 11	0 9	0 40	2 3	34 24	12 25	14 48	14 39	18 56		n.a.
W27	21 24	4 46	4 26	23 36	0 15	16 18	1 16	17 46	4 19	11 22	1 44	23 42	0 6	16 11	0 9	0 40	2 3	34 24	12 25	14 45	14 38	18 57		n.a.
T 28	21 13	0 15	3 45	23 47	0 5	15 52	1 15	17 51	4 21	11 24	1 45	23 42	0 6	16 11	0 9	0 39	2 3	34 23	12 25	14 43	14 37	18 57		n.a.
F 29	21 1	4n 9	2 55	23 57	0s 5	15 27	1 13	17 57	4 22	11 26	1 45	23 42	0 6	16 11	0 8	0 39	2 3	34 23	12 25	14 41	14 36	18 58		n.a.
S 30	20 49	8 14	1 57	24 6	0 15	15 0	1 12	18 3	4 23	11 28	1 45	23 42	0 6	16 11	0 8	0 38	2 3	34 23	12 25	14 41	14 35	18 58		n.a.
S 31	20s36	11n53	0n56	24s14	0s24	14s34	1s10	18n 9	4n24	11n30	1n45	23n42	0n 6	16n11	0s 8	0s38	2s 3	34s23	12s26	14s40	14s34	18n59		n.a.

Julian Day Number = 1205690.5, Delta T = 09h18m02s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'32, Lahiri = -23°26'31 Julian Calendar 1 Jan. 1412 BCE == Greg. Calendar 19 Dec. 1413 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

FEBRUARY 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 54 11	0♒32'05	10♉ 8	3♋35	26♒ 5	22°R59	4°R51	21°R47	13°R59	3♈ 6	21♋23	8°R47	8♏23	2♊45	n.a.	M 1
T 2	7 58 7	1°31'45	21°57	4°46	27°18	22♌43	4♍46	21♊43	13°D59	3° 8	21°25	8♏46	8°20	2°51	n.a.	T 2
W 3	8 2 4	2°31'23	3♊44	5°59	28°32	22°26	4°40	21°40	13♉59	3° 9	21°27	8°44	8°16	2°58	n.a.	W 3
T 4	8 6 1	3°30'59	15°35	7°14	29°45	22° 9	4°35	21°37	13°59	3°10	21°28	8°39	8°13	3° 5	n.a.	T 4
F 5	8 9 57	4°30'32	27°33	8°31	0♓59	21°51	4°29	21°34	13°59	3°11	21°30	8°32	8°10	3°11	n.a.	F 5
S 6	8 13 54	5°30'02	9♋42	9°49	2°12	21°32	4°23	21°32	13°59	3°13	21°31	8°22	8° 7	3°18	n.a.	S 6
S 7	8 17 50	6°29'31	22° 4	11°10	3°25	21°13	4°17	21°29	13°59	3°14	21°33	8°10	8° 4	3°25	n.a.	S 7
M 8	8 21 47	7°28'57	4♌40	12°32	4°39	20°53	4°11	21°26	14° 0	3°16	21°35	7°56	8° 0	3°31	n.a.	M 8
T 9	8 25 43	8°28'21	17°29	13°55	5°52	20°33	4° 5	21°24	14° 0	3°17	21°36	7°43	7°57	3°38	n.a.	T 9
W10	8 29 40	9°27'43	0♍32	15°20	7° 5	20°12	3°59	21°21	14° 0	3°19	21°38	7°30	7°54	3°45	n.a.	W10
T 11	8 33 36	10°27'02	13°46	16°47	8°18	19°51	3°52	21°19	14° 1	3°20	21°39	7°20	7°51	3°51	n.a.	T 11
F 12	8 37 33	11°26'20	27°11	18°15	9°32	19°30	3°46	21°17	14° 1	3°22	21°41	7°13	7°48	3°58	n.a.	F 12
S 13	8 41 29	12°25'35	10♎46	19°44	10°45	19° 8	3°39	21°14	14° 2	3°23	21°43	7° 8	7°45	4° 5	n.a.	S 13
S 14	8 45 26	13°24'49	24°30	21°15	11°58	18°46	3°33	21°12	14° 3	3°25	21°44	7° 7	7°41	4°11	n.a.	S 14
M15	8 49 23	14°24'01	8♏23	22°47	13°11	18°24	3°26	21°10	14° 3	3°26	21°46	7° 6	7°38	4°18	n.a.	M15
T 16	8 53 19	15°23'11	22°26	24°21	14°23	18° 1	3°19	21° 8	14° 4	3°28	21°47	7° 6	7°35	4°25	n.a.	T 16
W17	8 57 16	16°22'19	6♐38	25°56	15°36	17°38	3°12	21° 7	14° 5	3°29	21°49	7° 5	7°32	4°31	n.a.	W17
T 18	9 1 12	17°21'25	20°57	27°33	16°49	17°15	3° 5	21° 5	14° 5	3°31	21°50	7° 2	7°29	4°38	n.a.	T 18
F 19	9 5 9	18°20'29	5♑20	29°11	18° 2	16°52	2°58	21° 3	14° 6	3°33	21°52	6°56	7°26	4°45	n.a.	F 19
S 20	9 9 5	19°19'32	19°45	0♒51	19°14	16°29	2°50	21° 2	14° 7	3°35	21°53	6°47	7°22	4°51	n.a.	S 20
S 21	9 13 2	20°18'32	4♒ 4	2°31	20°27	16° 6	2°43	21° 1	14° 8	3°36	21°55	6°36	7°19	4°58	n.a.	S 21
M22	9 16 58	21°17'30	18°12	4°14	21°40	15°43	2°36	20°59	14° 9	3°38	21°56	6°25	7°16	5° 5	n.a.	M22
T 23	9 20 55	22°16'26	2♓ 3	5°58	22°52	15°20	2°28	20°58	14°10	3°40	21°58	6°13	7°13	5°11	n.a.	T 23
W24	9 24 52	23°15'20	15°34	7°43	24° 5	14°57	2°21	20°57	14°11	3°42	21°59	6° 3	7°10	5°18	n.a.	W24
T 25	9 28 48	24°14'11	28°43	9°29	25°17	14°35	2°13	20°56	14°13	3°43	22° 1	5°56	7° 6	5°25	n.a.	T 25
F 26	9 32 45	25°13'00	11♈29	11°17	26°29	14°12	2° 6	20°56	14°14	3°45	22° 2	5°50	7° 3	5°31	n.a.	F 26
S 27	9 36 41	26°11'47	23°55	13° 7	27°42	13°50	1°58	20°55	14°15	3°47	22° 3	5°48	7° 0	5°38	n.a.	S 27
S 28	9 40 38	27♒10'32	6♉ 4	14♒58	28♓54	13♌29	1♍50	20♊54	14♉16	3♈49	22♋ 5	5°D47	6♏57	5♊45	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s23	15n 0	0s 7	24s21	0s33	14s 7	1s 8	18n16	4n26	11n32	1n46	23n42	0n 6	16n11	0s 8	0s37	2s 3	34s23	12s26	14s40	14s33	18n59		n.a.
T 2	20 10	17 28	1 9	24 28	0 41	13 39	1 6	18 22	4 27	11 34	1 46	23 42	0 6	16 11	0 8	0 37	2 3	34 22	12 26	14 40	14 32	19 0		n.a.
W 3	19 56	19 10	2 8	24 33	0 50	13 12	1 5	18 29	4 28	11 36	1 46	23 42	0 6	16 11	0 8	0 36	2 3	34 22	12 26	14 40	14 31	19 0		n.a.
T 4	19 42	20 3	3 2	24 37	0 58	12 44	1 3	18 35	4 28	11 39	1 46	23 42	0 6	16 11	0 8	0 35	2 3	34 22	12 26	14 38	14 30	19 1		n.a.
F 5	19 28	20 2	3 48	24 40	1 5	12 15	1 1	18 42	4 29	11 41	1 46	23 42	0 6	16 11	0 8	0 35	2 3	34 22	12 26	14 36	14 28	19 1		n.a.
S 6	19 14	19 6	4 24	24 41	1 12	11 47	0 58	18 49	4 30	11 43	1 47	23 41	0 7	16 11	0 8	0 34	2 3	34 22	12 26	14 32	14 27	19 2		n.a.
S 7	18 59	17 16	4 49	24 42	1 19	11 18	0 56	18 56	4 31	11 46	1 47	23 41	0 7	16 11	0 8	0 34	2 3	34 21	12 26	14 28	14 26	19 2		n.a.
M 8	18 43	14 35	5 0	24 40	1 25	10 49	0 54	19 3	4 31	11 48	1 47	23 41	0 7	16 11	0 8	0 33	2 2	34 21	12 26	14 24	14 25	19 3		n.a.
T 9	18 28	11 10	4 56	24 38	1 31	10 19	0 52	19 10	4 31	11 51	1 47	23 41	0 7	16 11	0 8	0 32	2 2	34 21	12 26	14 19	14 24	19 3		n.a.
W10	18 12	7 10	4 37	24 34	1 37	9 50	0 50	19 17	4 32	11 53	1 47	23 41	0 7	16 11	0 8	0 32	2 2	34 21	12 27	14 15	14 23	19 4		n.a.
T 11	17 56	2 46	4 2	24 29	1 42	9 20	0 47	19 24	4 32	11 56	1 48	23 41	0 7	16 12	0 8	0 31	2 2	34 21	12 27	14 12	14 22	19 4		n.a.
F 12	17 39	1s49	3 14	24 22	1 47	8 49	0 45	19 31	4 32	11 58	1 48	23 41	0 7	16 12	0 8	0 30	2 2	34 21	12 27	14 10	14 21	19 5		n.a.
S 13	17 22	6 23	2 14	24 13	1 52	8 19	0 42	19 38	4 32	12 1	1 48	23 41	0 7	16 12	0 8	0 30	2 2	34 21	12 27	14 8	14 20	19 5		n.a.
S 14	17 5	10 41	1 6	24 3	1 56	7 49	0 40	19 46	4 32	12 3	1 48	23 41	0 7	16 12	0 8	0 29	2 2	34 20	12 27	14 7	14 19	19 6		n.a.
M15	16 48	14 26	0n 7	23 51	1 59	7 18	0 37	19 53	4 32	12 6	1 48	23 41	0 7	16 12	0 8	0 28	2 2	34 20	12 27	14 7	14 18	19 6		n.a.
T 16	16 30	17 25	1 20	23 38	2 2	6 47	0 35	19 59	4 31	12 9	1 48	23 41	0 7	16 13	0 8	0 28	2 2	34 20	12 27	14 7	14 17	19 7		n.a.
W17	16 12	19 20	2 29	23 22	2 5	6 16	0 32	20 6	4 31	12 12	1 49	23 41	0 8	16 13	0 8	0 27	2 2	34 20	12 28	14 7	14 16	19 7		n.a.
T 18	15 54	20 3	3 30	23 6	2 7	5 45	0 29	20 13	4 30	12 14	1 49	23 41	0 8	16 13	0 8	0 26	2 2	34 20	12 28	14 6	14 15	19 7		n.a.
F 19	15 36	19 28	4 17	22 47	2 9	5 13	0 27	20 20	4 30	12 17	1 49	23 41	0 8	16 13	0 8	0 25	2 2	34 20	12 28	14 4	14 14	19 8		n.a.
S 20	15 17	17 37	4 48	22 26	2 10	4 42	0 24	20 26	4 29	12 20	1 49	23 41	0 8	16 14	0 8	0 25	2 2	34 20	12 28	14 1	14 13	19 8		n.a.
S 21	14 58	14 42	5 1	22 4	2 11	4 10	0 21	20 32	4 28	12 23	1 49	23 41	0 8	16 14	0 8	0 24	2 2	34 20	12 28	13 57	14 12	19 9		n.a.
M22	14 39	10 58	4 55	21 40	2 12	3 39	0 18	20 39	4 27	12 25	1 49	23 41	0 8	16 14	0 8	0 23	2 2	34 20	12 28	13 53	14 11	19 9		n.a.
T 23	14 20	6 42	4 32	21 14	2 11	3 7	0 15	20 45	4 26	12 28	1 49	23 41	0 8	16 15	0 8	0 22	2 2	34 19	12 29	13 50	14 10	19 10		n.a.
W24	14 0	2 12	3 53	20 46	2 11	2 35	0 12	20 50	4 25	12 31	1 49	23 41	0 8	16 15	0 8	0 22	2 2	34 19	12 29	13 46	14 9	19 10		n.a.
T 25	13 40	2n17	3 4	20 16	2 10	2 3	0 10	20 56	4 23	12 34	1 49	23 41	0 8	16 15	0 8	0 21	2 2	34 19	12 29	13 44	14 7	19 11		n.a.
F 26	13 20	6 32	2 6	19 45	2 8	1 31	0 7	21 1	4 22	12 37	1 50	23 41	0 8	16 16	0 8	0 20	2 2	34 19	12 29	13 42	14 6	19 11		n.a.
S 27	13 0	10 25	1 3	19 11	2 6	0 59	0 4	21 7	4 20	12 40	1 50	23 41	0 8	16 16	0 8	0 19	2 1	34 19	12 29	13 41	14 5	19 11		n.a.
S 28	12s40	13n45	0s 2	18s35	2s 3	0s27	0s 0	21n11	4n19	12n42	1n50	23n41	0n 9	16n16	0s 8	0s19	2s 1	34s19	12s30	13s41	14s 4	19n12		n.a.

Julian Day Number = 1205721.5, Delta T = 09h18m00s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'28, Lahiri = -23°26'27 Julian Calendar 1 Feb. 1412 BCE == Greg. Calendar 19 Jan. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

MARCH 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 44 34	28♒ 9'14	18♉ 2	16♒51	0♈ 6	13°R 7	1°R43	20°R54	14♉18	3♈51	22♑ 6	5♏48	6♏54	5♊51	n.a.	M 1
T 2	9 48 31	29° 7'53	29°52	18°45	1°18	12♌46	1♍35	20♊53	14°19	3°53	22° 8	5°R48	6°51	5°58	n.a.	T 2
W 3	9 52 27	0♓ 6'31	11♊41	20°40	2°30	12°26	1°27	20°53	14°21	3°55	22° 9	5°47	6°47	6° 5	n.a.	W 3
T 4	9 56 24	1° 5'06	23°34	22°37	3°42	12° 6	1°20	20°53	14°22	3°57	22°10	5°45	6°44	6°11	n.a.	T 4
F 5	10 0 20	2° 3'39	5♋36	24°35	4°54	11°46	1°12	20°D53	14°24	3°59	22°12	5°40	6°41	6°18	n.a.	F 5
S 6	10 4 17	3° 2'09	17°51	26°35	6° 5	11°27	1° 4	20°53	14°25	4° 1	22°13	5°33	6°38	6°25	n.a.	S 6
S 7	10 8 14	4° 0'37	0♌21	28°36	7°17	11° 9	0°57	20°53	14°27	4° 3	22°14	5°23	6°35	6°31	n.a.	S 7
M 8	10 12 10	4°59'03	13° 9	0♓39	8°29	10°51	0°49	20°53	14°29	4° 5	22°16	5°13	6°32	6°38	n.a.	M 8
T 9	10 16 7	5°57'27	26°16	2°42	9°40	10°34	0°41	20°54	14°30	4° 7	22°17	5° 3	6°28	6°45	n.a.	T 9
W10	10 20 3	6°55'49	9♍39	4°47	10°52	10°17	0°34	20°54	14°32	4° 9	22°18	4°53	6°25	6°51	n.a.	W10
T 11	10 24 0	7°54'09	23°17	6°53	12° 3	10° 1	0°26	20°55	14°34	4°11	22°19	4°45	6°22	6°58	n.a.	T 11
F 12	10 27 56	8°52'27	7♎ 7	9° 0	13°14	9°46	0°19	20°55	14°36	4°13	22°21	4°40	6°19	7° 5	n.a.	F 12
S 13	10 31 53	9°50'43	21° 5	11° 7	14°26	9°31	0°11	20°56	14°38	4°15	22°22	4°37	6°16	7°11	n.a.	S 13
S 14	10 35 49	10°48'57	5♏ 9	13°15	15°37	9°18	0° 4	20°57	14°40	4°17	22°23	4°D36	6°12	7°18	n.a.	S 14
M15	10 39 46	11°47'10	19°17	15°23	16°48	9° 5	29♌56	20°58	14°42	4°19	22°24	4°37	6° 9	7°25	n.a.	M15
T 16	10 43 42	12°45'21	3♐26	17°31	17°59	8°52	29°49	20°59	14°44	4°21	22°25	4°38	6° 6	7°31	n.a.	T 16
W17	10 47 39	13°43'30	17°35	19°39	19°10	8°41	29°41	21° 0	14°46	4°23	22°26	4°R38	6° 3	7°38	n.a.	W17
T 18	10 51 36	14°41'38	1♑43	21°46	20°20	8°30	29°34	21° 2	14°48	4°25	22°28	4°37	6° 0	7°45	n.a.	T 18
F 19	10 55 32	15°39'45	15°48	23°52	21°31	8°20	29°27	21° 3	14°50	4°28	22°29	4°33	5°57	7°51	n.a.	F 19
S 20	10 59 29	16°37'50	29°48	25°58	22°42	8°11	29°20	21° 5	14°53	4°30	22°30	4°28	5°53	7°58	n.a.	S 20
S 21	11 3 25	17°35'53	13♒40	28° 1	23°52	8° 3	29°13	21° 6	14°55	4°32	22°31	4°21	5°50	8° 5	n.a.	S 21
M22	11 7 22	18°33'54	27°21	0♈ 3	25° 3	7°55	29° 6	21° 8	14°57	4°34	22°32	4°14	5°47	8°11	n.a.	M22
T 23	11 11 18	19°31'54	10♓48	2° 3	26°13	7°48	28°59	21°10	15° 0	4°36	22°33	4° 6	5°44	8°18	n.a.	T 23
W24	11 15 15	20°29'52	23°59	4° 1	27°23	7°42	28°52	21°12	15° 2	4°38	22°34	4° 0	5°41	8°25	n.a.	W24
T 25	11 19 11	21°27'49	6♈53	5°56	28°34	7°37	28°46	21°14	15° 4	4°41	22°35	3°55	5°37	8°31	n.a.	T 25
F 26	11 23 8	22°25'43	19°29	7°48	29°44	7°33	28°39	21°16	15° 7	4°43	22°36	3°52	5°34	8°38	n.a.	F 26
S 27	11 27 4	23°23'36	1♉50	9°37	0♉54	7°29	28°33	21°18	15° 9	4°45	22°37	3°D51	5°31	8°45	n.a.	S 27
S 28	11 31 1	24°21'27	13°57	11°24	2° 3	7°27	28°26	21°21	15°12	4°47	22°38	3°51	5°28	8°51	n.a.	S 28
M29	11 34 58	25°19'16	25°54	13° 6	3°13	7°25	28°20	21°23	15°14	4°49	22°39	3°53	5°25	8°58	n.a.	M29
T 30	11 38 54	26°17'04	7♊44	14°46	4°23	7°24	28°14	21°26	15°17	4°52	22°39	3°54	5°22	9° 5	n.a.	T 30
W31	11 42 51	27♓14'49	19♊34	16♈22	5♉32	7°D23	28♌ 8	21♊28	15♉20	4♈54	22♑40	3♏55	5♏18	9♊11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	12s19	16n28	1s 5	17s58	2s 0	0n 5	0n 3	21n16	4n17	12n45	1n50	23n41	0n 9	16n17	0s 8	0s18	2s 1	34s19	12s30	13s41	14s 3	19n12			n.a.
T 2	11 59	18 27	2 5	17 19	1 56	0 37	0 6	21 21	4 15	12 48	1 50	23 41	0 9	16 17	0 8	0 17	2 1	34 19	12 30	13 41	14 2	19 13			n.a.
W 3	11 38	19 37	2 59	16 37	1 52	1 9	0 9	21 25	4 13	12 51	1 50	23 41	0 9	16 18	0 8	0 16	2 1	34 19	12 30	13 41	14 1	19 13			n.a.
T 4	11 17	19 56	3 46	15 54	1 47	1 41	0 12	21 29	4 11	12 54	1 50	23 41	0 9	16 18	0 8	0 15	2 1	34 19	12 31	13 40	14 0	19 13			n.a.
F 5	10 55	19 21	4 24	15 9	1 42	2 12	0 15	21 32	4 9	12 57	1 50	23 41	0 9	16 19	0 8	0 14	2 1	34 19	12 31	13 38	13 59	19 14			n.a.
S 6	10 34	17 51	4 50	14 22	1 36	2 44	0 18	21 36	4 7	12 59	1 50	23 41	0 9	16 19	0 8	0 14	2 1	34 19	12 31	13 36	13 58	19 14			n.a.
S 7	10 13	15 30	5 3	13 33	1 29	3 16	0 21	21 39	4 5	13 2	1 50	23 41	0 9	16 20	0 8	0 13	2 1	34 19	12 31	13 33	13 57	19 15			n.a.
M 8	9 51	12 21	5 1	12 43	1 22	3 48	0 25	21 42	4 2	13 5	1 50	23 42	0 9	16 20	0 8	0 12	2 1	34 19	12 31	13 29	13 56	19 15			n.a.
T 9	9 29	8 32	4 44	11 51	1 14	4 19	0 28	21 44	4 0	13 8	1 50	23 42	0 9	16 21	0 8	0 11	2 1	34 19	12 32	13 26	13 55	19 15			n.a.
W10	9 7	4 13	4 11	10 57	1 6	4 51	0 31	21 47	3 58	13 10	1 50	23 42	0 9	16 21	0 8	0 10	2 1	34 19	12 32	13 23	13 54	19 16			n.a.
T 11	8 45	0s23	3 23	10 2	0 58	5 22	0 34	21 49	3 55	13 13	1 50	23 42	0 9	16 22	0 8	0 9	2 1	34 19	12 32	13 20	13 53	19 16			n.a.
F 12	8 23	5 2	2 22	9 5	0 49	5 53	0 38	21 51	3 53	13 16	1 50	23 42	0 10	16 23	0 8	0 9	2 1	34 19	12 32	13 18	13 52	19 16			n.a.
S 13	8 1	9 29	1 12	8 8	0 39	6 25	0 41	21 52	3 50	13 18	1 50	23 42	0 10	16 23	0 8	0 8	2 1	34 19	12 33	13 17	13 50	19 17			n.a.
S 14	7 38	13 25	0n 3	7 9	0 29	6 55	0 44	21 53	3 47	13 21	1 50	23 42	0 10	16 24	0 8	0 7	2 1	34 19	12 33	13 17	13 49	19 17			n.a.
M15	7 16	16 36	1 18	6 9	0 19	7 26	0 47	21 54	3 45	13 24	1 50	23 43	0 10	16 24	0 8	0 6	2 1	34 19	12 33	13 17	13 48	19 17			n.a.
T 16	6 53	18 47	2 29	5 9	0 9	7 57	0 51	21 55	3 42	13 26	1 49	23 43	0 10	16 25	0 8	0 5	2 1	34 19	12 34	13 17	13 47	19 18			n.a.
W17	6 31	19 47	3 30	4 8	0n 2	8 27	0 54	21 56	3 39	13 29	1 49	23 43	0 10	16 26	0 8	0 4	2 1	34 19	12 34	13 17	13 46	19 18			n.a.
T 18	6 8	19 32	4 19	3 7	0 13	8 58	0 57	21 56	3 36	13 31	1 49	23 43	0 10	16 26	0 8	0 3	2 1	34 19	12 34	13 17	13 45	19 18			n.a.
F 19	5 45	18 5	4 52	2 7	0 24	9 28	1 0	21 56	3 34	13 34	1 49	23 43	0 10	16 27	0 8	0 2	2 1	34 19	12 34	13 16	13 44	19 19			n.a.
S 20	5 22	15 33	5 7	1 6	0 35	9 57	1 3	21 56	3 31	13 36	1 49	23 43	0 10	16 28	0 8	0 2	2 1	34 20	12 35	13 14	13 43	19 19			n.a.
S 21	4 59	12 10	5 4	0 6	0 46	10 27	1 7	21 55	3 28	13 39	1 49	23 44	0 10	16 28	0 8	0 1	2 1	34 20	12 35	13 12	13 42	19 20			n.a.
M22	4 36	8 10	4 43	0n53	0 57	10 56	1 10	21 54	3 25	13 41	1 49	23 44	0 10	16 29	0 8	0n 0	2 1	34 20	12 35	13 9	13 41	19 20			n.a.
T 23	4 13	3 50	4 8	1 51	1 7	11 25	1 13	21 53	3 22	13 43	1 49	23 44	0 10	16 30	0 8	0 1	2 1	34 20	12 36	13 7	13 40	19 20			n.a.
W24	3 50	0n36	3 19	2 48	1 18	11 54	1 16	21 52	3 19	13 46	1 49	23 44	0 11	16 31	0 8	0 2	2 1	34 20	12 36	13 4	13 39	19 20			n.a.
T 25	3 27	4 56	2 21	3 44	1 28	12 23	1 19	21 51	3 16	13 48	1 49	23 44	0 11	16 31	0 8	0 3	2 1	34 20	12 36	13 3	13 38	19 21			n.a.
F 26	3 3	8 57	1 17	4 38	1 37	12 51	1 22	21 49	3 14	13 50	1 48	23 45	0 11	16 32	0 8	0 4	2 1	34 20	12 36	13 2	13 37	19 21			n.a.
S 27	2 40	12 29	0 11	5 30	1 46	13 19	1 25	21 47	3 11	13 52	1 48	23 45	0 11	16 33	0 8	0 5	2 1	34 20	12 37	13 1	13 35	19 21			n.a.
S 28	2 17	15 26	0s55	6 20	1 55	13 47	1 28	21 45	3 8	13 55	1 48	23 45	0 11	16 34	0 8	0 6	2 1	34 20	12 37	13 1	13 34	19 22			n.a.
M29	1 53	17 40	1 57	7 8	2 3	14 14	1 31	21 43	3 5	13 57	1 48	23 45	0 11	16 34	0 8	0 7	2 1	34 21	12 37	13 2	13 33	19 22			n.a.
T 30	1 30	19 7	2 54	7 54	2 10	14 41	1 34	21 40	3 2	13 59	1 48	23 46	0 11	16 35	0 8	0 7	2 1	34 21	12 38	13 2	13 32	19 22			n.a.
W31	1s 7	19n43	3s44	8n38	2n16	15n 7	1n37	21n38	2n59	14n 1	1n48	23n46	0n11	16n36	0s 7	0n 8	2s 1	34s21	12s38	13s 3	13s31	19n23			n.a.

Julian Day Number = 1205749.5, Delta T = 09h17m59s
Ecliptic obliquity = 23°51'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'24, Lahiri = -23°26'23 Julian Calendar 1 March 1412 BCE == Greg. Calendar 16 Feb. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

APRIL 1412 BCE (-1411) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 46 47	28♓12'33	1♋28	17♈54	6♉42	7♌24	28°R 2	21♊31	15♉22	4♈56	22♑41	3°R56	5♏15	9♊18	n.a.	T 1
F 2	11 50 44	29°10'15	13°31	19°23	7°51	7°25	27♌56	21°34	15°25	4°58	22°42	3♏55	5°12	9°25	n.a.	F 2
S 3	11 54 40	0♈ 7'55	25°47	20°48	9° 1	7°27	27°51	21°37	15°28	5° 1	22°43	3°52	5° 9	9°31	n.a.	S 3
S 4	11 58 37	1° 5'33	8♌21	22° 9	10°10	7°30	27°45	21°40	15°31	5° 3	22°44	3°48	5° 6	9°38	n.a.	S 4
M 5	12 2 33	2° 3'10	21°15	23°27	11°19	7°33	27°40	21°43	15°33	5° 5	22°44	3°44	5° 3	9°45	n.a.	M 5
T 6	12 6 30	3° 0'45	4♍32	24°40	12°28	7°37	27°35	21°46	15°36	5° 7	22°45	3°39	4°59	9°51	n.a.	T 6
W 7	12 10 27	3°58'18	18° 9	25°50	13°36	7°42	27°30	21°49	15°39	5°10	22°46	3°34	4°56	9°58	n.a.	W 7
T 8	12 14 23	4°55'50	2♎ 7	26°56	14°45	7°48	27°25	21°53	15°42	5°12	22°46	3°31	4°53	10° 5	n.a.	T 8
F 9	12 18 20	5°53'21	16°20	27°57	15°53	7°54	27°20	21°56	15°45	5°14	22°47	3°28	4°50	10°11	n.a.	F 9
S 10	12 22 16	6°50'50	0♏44	28°55	17° 2	8° 1	27°16	22° 0	15°48	5°16	22°48	3°D28	4°47	10°18	n.a.	S 10
S 11	12 26 13	7°48'18	15°15	29°48	18°10	8° 9	27°11	22° 3	15°51	5°19	22°48	3°28	4°43	10°25	n.a.	S 11
M12	12 30 9	8°45'46	29°45	0♉37	19°18	8°17	27° 7	22° 7	15°54	5°21	22°49	3°29	4°40	10°31	n.a.	M12
T 13	12 34 6	9°43'12	14♐12	1°21	20°26	8°26	27° 3	22°11	15°57	5°23	22°49	3°30	4°37	10°38	n.a.	T 13
W14	12 38 2	10°40'37	28°31	2° 1	21°34	8°36	26°59	22°15	16° 0	5°25	22°50	3°32	4°34	10°45	n.a.	W14
T 15	12 41 59	11°38'02	12♑40	2°37	22°42	8°46	26°55	22°19	16° 3	5°28	22°51	3°R32	4°31	10°51	n.a.	T 15
F 16	12 45 56	12°35'25	26°37	3° 9	23°49	8°57	26°52	22°23	16° 6	5°30	22°51	3°31	4°28	10°58	n.a.	F 16
S 17	12 49 52	13°32'48	10♒21	3°35	24°57	9° 9	26°48	22°27	16° 9	5°32	22°51	3°30	4°24	11° 5	n.a.	S 17
S 18	12 53 49	14°30'10	23°51	3°57	26° 4	9°21	26°45	22°32	16°12	5°34	22°52	3°28	4°21	11°11	n.a.	S 18
M19	12 57 45	15°27'31	7♓ 8	4°15	27°11	9°34	26°42	22°36	16°16	5°36	22°52	3°25	4°18	11°18	n.a.	M19
T 20	13 1 42	16°24'51	20°10	4°27	28°18	9°47	26°39	22°40	16°19	5°39	22°53	3°23	4°15	11°25	n.a.	T 20
W21	13 5 38	17°22'10	2♈59	4°35	29°25	10° 1	26°36	22°45	16°22	5°41	22°53	3°21	4°12	11°31	n.a.	W21
T 22	13 9 35	18°19'29	15°34	4°R39	0♊31	10°15	26°33	22°49	16°25	5°43	22°54	3°19	4° 8	11°38	n.a.	T 22
F 23	13 13 31	19°16'46	27°56	4°38	1°38	10°30	26°31	22°54	16°29	5°45	22°54	3°D19	4° 5	11°45	n.a.	F 23
S 24	13 17 28	20°14'03	10♉ 6	4°32	2°44	10°46	26°29	22°59	16°32	5°47	22°54	3°19	4° 2	11°51	n.a.	S 24
S 25	13 21 25	21°11'18	22° 7	4°22	3°50	11° 2	26°27	23° 4	16°35	5°50	22°54	3°19	3°59	11°58	n.a.	S 25
M26	13 25 21	22° 8'33	4♊ 1	4° 8	4°56	11°19	26°25	23° 9	16°39	5°52	22°55	3°20	3°56	12° 5	n.a.	M26
T 27	13 29 18	23° 5'47	15°51	3°51	6° 2	11°36	26°23	23°13	16°42	5°54	22°55	3°21	3°53	12°11	n.a.	T 27
W28	13 33 14	24° 2'59	27°41	3°29	7° 8	11°53	26°22	23°19	16°45	5°56	22°55	3°22	3°49	12°18	n.a.	W28
T 29	13 37 11	25° 0'11	9♋35	3° 5	8°13	12°11	26°20	23°24	16°49	5°58	22°55	3°23	3°46	12°25	n.a.	T 29
F 30	13 41 7	25♈57'22	21♋37	2♉37	9♊18	12♌30	26♌19	23♊29	16♉52	6♈ 0	22♑55	3°R23	3♏43	12♊32	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s43	19n27	4s24	9n20	2n22	15n34	1n40	21n35	2n56	14n 2	1n47	23n46	0n11	16n37	0s 7	0n 9	2s 1	34s21	12s38	13s 3	13s30	19n23		n.a.
F 2	0 20	18 18	4 53	9 59	2 28	16 0	1 43	21 32	2 53	14 4	1 47	23 46	0 11	16 38	0 7	0 10	2 1	34 21	12 39	13 3	13 29	19 23		n.a.
S 3	0n 3	16 18	5 9	10 36	2 32	16 25	1 46	21 28	2 50	14 6	1 47	23 47	0 11	16 38	0 7	0 11	2 1	34 21	12 39	13 2	13 28	19 23		n.a.
S 4	0 27	13 29	5 11	11 10	2 36	16 50	1 49	21 25	2 47	14 8	1 47	23 47	0 11	16 39	0 7	0 12	2 1	34 22	12 39	13 0	13 27	19 24		n.a.
M 5	0 50	9 58	4 58	11 42	2 38	17 15	1 51	21 21	2 45	14 10	1 47	23 47	0 11	16 40	0 7	0 13	2 1	34 22	12 40	12 59	13 26	19 24		n.a.
T 6	1 13	5 52	4 28	12 12	2 40	17 39	1 54	21 17	2 42	14 11	1 47	23 47	0 12	16 41	0 7	0 14	2 1	34 22	12 40	12 57	13 25	19 24		n.a.
W 7	1 36	1 21	3 43	12 39	2 41	18 3	1 57	21 13	2 39	14 13	1 46	23 48	0 12	16 42	0 7	0 15	2 1	34 22	12 40	12 55	13 24	19 25		n.a.
T 8	2 0	3s21	2 44	13 3	2 42	18 26	1 59	21 9	2 36	14 14	1 46	23 48	0 12	16 43	0 7	0 16	2 1	34 22	12 41	12 54	13 23	19 25		n.a.
F 9	2 23	7 57	1 33	13 25	2 41	18 49	2 2	21 5	2 33	14 16	1 46	23 48	0 12	16 43	0 7	0 17	2 1	34 22	12 41	12 53	13 21	19 25		n.a.
S 10	2 46	12 10	0 15	13 45	2 39	19 12	2 4	21 0	2 31	14 17	1 46	23 49	0 12	16 44	0 7	0 17	2 1	34 23	12 41	12 53	13 20	19 25		n.a.
S 11	3 9	15 40	1n 4	14 2	2 37	19 34	2 7	20 56	2 28	14 18	1 45	23 49	0 12	16 45	0 7	0 18	2 1	34 23	12 42	12 53	13 19	19 26		n.a.
M12	3 32	18 11	2 20	14 16	2 33	19 55	2 9	20 51	2 25	14 20	1 45	23 49	0 12	16 46	0 7	0 19	2 1	34 23	12 42	12 54	13 18	19 26		n.a.
T 13	3 55	19 30	3 26	14 28	2 29	20 16	2 11	20 46	2 23	14 21	1 45	23 49	0 12	16 47	0 7	0 20	2 1	34 23	12 42	12 54	13 17	19 26		n.a.
W14	4 18	19 33	4 18	14 37	2 23	20 37	2 13	20 40	2 20	14 22	1 45	23 50	0 12	16 48	0 7	0 21	2 1	34 24	12 43	12 55	13 16	19 26		n.a.
T 15	4 41	18 21	4 55	14 44	2 17	20 57	2 15	20 35	2 17	14 23	1 45	23 50	0 12	16 49	0 7	0 22	2 1	34 24	12 43	12 55	13 15	19 26		n.a.
F 16	5 4	16 5	5 13	14 48	2 10	21 16	2 17	20 30	2 15	14 24	1 44	23 50	0 12	16 50	0 7	0 23	2 1	34 24	12 43	12 54	13 14	19 27		n.a.
S 17	5 26	12 56	5 13	14 50	2 1	21 35	2 19	20 24	2 12	14 25	1 44	23 51	0 12	16 51	0 7	0 24	2 1	34 24	12 44	12 54	13 13	19 27		n.a.
S 18	5 49	9 9	4 56	14 49	1 52	21 54	2 21	20 18	2 9	14 26	1 44	23 51	0 12	16 52	0 7	0 25	2 1	34 25	12 44	12 53	13 12	19 27		n.a.
M19	6 11	4 59	4 23	14 45	1 42	22 11	2 23	20 12	2 7	14 27	1 44	23 51	0 13	16 53	0 7	0 25	2 1	34 25	12 44	12 52	13 11	19 27		n.a.
T 20	6 34	0 39	3 36	14 39	1 31	22 29	2 25	20 6	2 4	14 28	1 43	23 52	0 13	16 54	0 7	0 26	2 1	34 25	12 45	12 51	13 9	19 28		n.a.
W21	6 56	3n39	2 40	14 31	1 19	22 45	2 26	20 0	2 2	14 29	1 43	23 52	0 13	16 55	0 7	0 27	2 1	34 25	12 45	12 51	13 8	19 28		n.a.
T 22	7 18	7 43	1 37	14 20	1 6	23 2	2 28	19 54	1 59	14 29	1 43	23 52	0 13	16 55	0 7	0 28	2 1	34 26	12 45	12 50	13 7	19 28		n.a.
F 23	7 40	11 23	0 30	14 6	0 52	23 17	2 29	19 47	1 57	14 30	1 43	23 53	0 13	16 56	0 7	0 29	2 1	34 26	12 46	12 50	13 6	19 28		n.a.
S 24	8 2	14 31	0s38	13 51	0 38	23 32	2 31	19 40	1 55	14 30	1 42	23 53	0 13	16 57	0 7	0 30	2 1	34 26	12 46	12 50	13 5	19 28		n.a.
S 25	8 24	16 58	1 42	13 33	0 23	23 46	2 32	19 34	1 52	14 31	1 42	23 53	0 13	16 58	0 7	0 31	2 1	34 27	12 46	12 50	13 4	19 29		n.a.
M26	8 46	18 40	2 42	13 14	0 7	24 0	2 33	19 27	1 50	14 31	1 42	23 54	0 13	16 59	0 7	0 32	2 1	34 27	12 47	12 51	13 3	19 29		n.a.
T 27	9 8	19 32	3 35	12 52	0s 9	24 13	2 34	19 19	1 47	14 32	1 41	23 54	0 13	17 0	0 7	0 32	2 1	34 27	12 47	12 51	13 2	19 29		n.a.
W28	9 29	19 32	4 18	12 30	0 26	24 26	2 35	19 12	1 45	14 32	1 41	23 54	0 13	17 1	0 7	0 33	2 1	34 27	12 47	12 51	13 1	19 29		n.a.
T 29	9 51	18 41	4 51	12 5	0 43	24 38	2 36	19 5	1 43	14 32	1 41	23 55	0 13	17 2	0 7	0 34	2 1	34 28	12 48	12 52	13 0	19 29		n.a.
F 30	10n12	16n58	5s11	11n40	1s 0	24n49	2n37	18n57	1n40	14n32	1n41	23n55	0n13	17n 3	0s 7	0n35	2s 1	34s28	12s48	12s52	12s59	19n30		n.a.

Julian Day Number = 1205780.5, Delta T = 09h17m57s
Ecliptic obliquity = 23°51'33, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'20, Lahiri = -23°26'19 Julian Calendar 1 Apr. 1412 BCE == Greg. Calendar 19 March 1412 BCE

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

MAY 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 45 4	26♈54'32	3♌52	2°R 8	10♊23	12♌49	26°R18	23♊34	16♉56	6♈ 3	22♑56	3°R23	3♏40	12♊38	n.a.	S 1
S 2	13 49 0	27°51'41	16°24	1♉36	11°28	13° 9	26♌17	23°39	16°59	6° 5	22°56	3♏23	3°37	12°45	n.a.	S 2
M 3	13 52 57	28°48'49	29°18	1° 3	12°33	13°29	26°17	23°45	17° 2	6° 7	22°56	3°22	3°34	12°52	n.a.	M 3
T 4	13 56 54	29°45'56	12♍35	0°29	13°37	13°49	26°16	23°50	17° 6	6° 9	22°56	3°22	3°30	12°58	n.a.	T 4
W 5	14 0 50	0♉43'02	26°18	29♈55	14°41	14°10	26°16	23°56	17° 9	6°11	22°56	3°22	3°27	13° 5	n.a.	W 5
T 6	14 4 47	1°40'08	10♎25	29°22	15°45	14°31	26°D16	24° 1	17°13	6°13	22°R56	3°21	3°24	13°12	n.a.	T 6
F 7	14 8 43	2°37'13	24°53	28°49	16°49	14°53	26°16	24° 7	17°16	6°15	22°56	3°21	3°21	13°18	n.a.	F 7
S 8	14 12 40	3°34'17	9♏38	28°18	17°52	15°15	26°16	24°13	17°20	6°17	22°56	3°21	3°18	13°25	n.a.	S 8
S 9	14 16 36	4°31'22	24°31	27°49	18°55	15°38	26°17	24°18	17°23	6°19	22°56	3°21	3°14	13°32	n.a.	S 9
M10	14 20 33	5°28'26	9♐27	27°23	19°58	16° 1	26°17	24°24	17°27	6°21	22°56	3°21	3°11	13°38	n.a.	M10
T 11	14 24 29	6°25'30	24°16	27° 0	21° 1	16°24	26°18	24°30	17°31	6°23	22°56	3°21	3° 8	13°45	n.a.	T 11
W12	14 28 26	7°22'34	8♑52	26°40	22° 3	16°48	26°19	24°36	17°34	6°25	22°56	3°21	3° 5	13°52	n.a.	W12
T 13	14 32 23	8°19'38	23°12	26°23	23° 5	17°12	26°20	24°42	17°38	6°27	22°55	3°20	3° 2	13°58	n.a.	T 13
F 14	14 36 19	9°16'42	7♒11	26°11	24° 7	17°36	26°22	24°48	17°41	6°29	22°55	3°D20	2°59	14° 5	n.a.	F 14
S 15	14 40 16	10°13'46	20°49	26° 3	25° 8	18° 1	26°23	24°54	17°45	6°31	22°55	3°20	2°55	14°12	n.a.	S 15
S 16	14 44 12	11°10'50	4♓ 8	26°D 0	26° 9	18°26	26°25	25° 1	17°48	6°33	22°55	3°21	2°52	14°18	n.a.	S 16
M17	14 48 9	12° 7'54	17° 8	26° 1	27°10	18°51	26°27	25° 7	17°52	6°35	22°55	3°21	2°49	14°25	n.a.	M17
T 18	14 52 5	13° 4'58	29°51	26° 7	28°11	19°17	26°29	25°13	17°56	6°37	22°54	3°22	2°46	14°32	n.a.	T 18
W19	14 56 2	14° 2'03	12♈21	26°18	29°11	19°43	26°31	25°19	17°59	6°39	22°54	3°23	2°43	14°38	n.a.	W19
T 20	14 59 58	14°59'07	24°39	26°33	0♋11	20°10	26°34	25°26	18° 3	6°41	22°54	3°24	2°39	14°45	n.a.	T 20
F 21	15 3 55	15°56'12	6♉47	26°54	1°11	20°37	26°36	25°32	18° 6	6°43	22°53	3°R24	2°36	14°52	n.a.	F 21
S 22	15 7 52	16°53'17	18°47	27°19	2°10	21° 4	26°39	25°39	18°10	6°44	22°53	3°23	2°33	14°58	n.a.	S 22
S 23	15 11 48	17°50'22	0♊41	27°49	3° 9	21°31	26°42	25°45	18°14	6°46	22°53	3°22	2°30	15° 5	n.a.	S 23
M24	15 15 45	18°47'26	12°32	28°24	4° 7	21°59	26°45	25°52	18°17	6°48	22°52	3°20	2°27	15°12	n.a.	M24
T 25	15 19 41	19°44'31	24°21	29° 4	5° 5	22°27	26°48	25°59	18°21	6°50	22°52	3°18	2°24	15°19	n.a.	T 25
W26	15 23 38	20°41'37	6♋11	29°48	6° 3	22°55	26°52	26° 5	18°24	6°51	22°51	3°15	2°20	15°25	n.a.	W26
T 27	15 27 34	21°38'42	18° 6	0♌37	7° 0	23°24	26°55	26°12	18°28	6°53	22°51	3°13	2°17	15°32	n.a.	T 27
F 28	15 31 31	22°35'47	0♌ 8	1°31	7°57	23°53	26°59	26°19	18°32	6°55	22°50	3°11	2°14	15°39	n.a.	F 28
S 29	15 35 28	23°32'52	12°22	2°29	8°53	24°22	27° 3	26°26	18°35	6°57	22°50	3° 9	2°11	15°45	n.a.	S 29
S 30	15 39 24	24°29'57	24°52	3°32	9°49	24°51	27° 7	26°32	18°39	6°58	22°49	3°D 9	2° 8	15°52	n.a.	S 30
M31	15 43 21	25♌27'02	7♍41	4♌39	10♋45	25♌21	27♌11	26♊39	18♉42	7♈ 0	22♑49	3♏ 9	2♏ 5	15♊59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n33	14n29	5s17	11n14	1s16	25n 0	2n38	18n49	1n38	14n32	1n40	23n55	0n13	17n 4	0s 7	0n36	2s 1	34s28	12s49	12s52	12s57	19n30		n.a.
S 2	10 54	11 17	5 9	10 47	1 33	25 10	2 38	18 42	1 36	14 32	1 40	23 56	0 13	17 5	0 7	0 37	2 1	34 29	12 49	12 52	12 56	19 30		n.a.
M 3	11 14	7 28	4 46	10 20	1 49	25 19	2 39	18 34	1 34	14 32	1 40	23 56	0 14	17 6	0 7	0 37	2 1	34 29	12 49	12 51	12 55	19 30		n.a.
T 4	11 35	3 10	4 6	9 53	2 5	25 28	2 39	18 26	1 31	14 32	1 40	23 56	0 14	17 7	0 7	0 38	2 1	34 29	12 50	12 51	12 54	19 30		n.a.
W 5	11 55	1s26	3 12	9 27	2 20	25 36	2 39	18 17	1 29	14 32	1 39	23 57	0 14	17 8	0 7	0 39	2 1	34 30	12 50	12 51	12 53	19 30		n.a.
T 6	12 16	6 5	2 4	9 2	2 35	25 43	2 39	18 9	1 27	14 32	1 39	23 57	0 14	17 9	0 7	0 40	2 1	34 30	12 50	12 51	12 52	19 31		n.a.
F 7	12 36	10 31	0 47	8 37	2 48	25 50	2 39	18 0	1 25	14 31	1 39	23 57	0 14	17 10	0 7	0 41	2 1	34 30	12 51	12 51	12 51	19 31		n.a.
S 8	12 55	14 24	0n35	8 15	3 1	25 56	2 39	17 52	1 23	14 31	1 38	23 58	0 14	17 11	0 7	0 42	2 1	34 31	12 51	12 51	12 50	19 31		n.a.
S 9	13 15	17 23	1 55	7 54	3 12	26 1	2 39	17 43	1 21	14 31	1 38	23 58	0 14	17 12	0 7	0 42	2 1	34 31	12 51	12 51	12 49	19 31		n.a.
M10	13 35	19 10	3 7	7 35	3 23	26 6	2 38	17 34	1 19	14 30	1 38	23 58	0 14	17 13	0 7	0 43	2 1	34 31	12 52	12 51	12 48	19 31		n.a.
T 11	13 54	19 37	4 7	7 18	3 32	26 10	2 38	17 25	1 17	14 30	1 38	23 59	0 14	17 15	0 7	0 44	2 1	34 32	12 52	12 51	12 46	19 31		n.a.
W12	14 13	18 45	4 49	7 3	3 39	26 14	2 37	17 16	1 15	14 29	1 37	23 59	0 14	17 16	0 7	0 45	2 1	34 32	12 52	12 51	12 45	19 31		n.a.
T 13	14 32	16 42	5 13	6 51	3 46	26 16	2 36	17 6	1 13	14 28	1 37	23 59	0 14	17 17	0 7	0 45	2 1	34 33	12 53	12 51	12 44	19 31		n.a.
F 14	14 50	13 42	5 17	6 42	3 51	26 19	2 35	16 57	1 11	14 27	1 37	24 0	0 14	17 18	0 7	0 46	2 1	34 33	12 53	12 51	12 43	19 32		n.a.
S 15	15 9	10 1	5 3	6 36	3 55	26 20	2 34	16 47	1 9	14 27	1 36	24 0	0 14	17 19	0 7	0 47	2 1	34 33	12 53	12 51	12 42	19 32		n.a.
S 16	15 27	5 56	4 33	6 32	3 57	26 21	2 33	16 38	1 7	14 26	1 36	24 0	0 15	17 20	0 7	0 48	2 1	34 34	12 54	12 51	12 41	19 32		n.a.
M17	15 45	1 39	3 49	6 31	3 59	26 21	2 31	16 28	1 5	14 25	1 36	24 1	0 15	17 21	0 7	0 48	2 1	34 34	12 54	12 51	12 40	19 32		n.a.
T 18	16 2	2n37	2 56	6 33	3 59	26 21	2 30	16 18	1 3	14 24	1 36	24 1	0 15	17 22	0 7	0 49	2 1	34 34	12 54	12 51	12 39	19 32		n.a.
W19	16 20	6 42	1 54	6 38	3 58	26 20	2 28	16 7	1 1	14 23	1 35	24 1	0 15	17 23	0 7	0 50	2 1	34 35	12 55	12 52	12 38	19 32		n.a.
T 20	16 37	10 27	0 48	6 46	3 56	26 18	2 26	15 57	0 59	14 22	1 35	24 1	0 15	17 24	0 7	0 51	2 1	34 35	12 55	12 52	12 36	19 32		n.a.
F 21	16 54	13 43	0s19	6 56	3 53	26 16	2 24	15 47	0 57	14 21	1 35	24 2	0 15	17 25	0 7	0 51	2 1	34 36	12 55	12 52	12 35	19 32		n.a.
S 22	17 10	16 22	1 24	7 9	3 48	26 13	2 22	15 36	0 56	14 19	1 34	24 2	0 15	17 26	0 7	0 52	2 2	34 36	12 56	12 52	12 34	19 32		n.a.
S 23	17 27	18 17	2 25	7 25	3 43	26 9	2 20	15 26	0 54	14 18	1 34	24 2	0 15	17 27	0 7	0 53	2 2	34 36	12 56	12 51	12 33	19 33		n.a.
M24	17 43	19 23	3 20	7 43	3 37	26 5	2 17	15 15	0 52	14 17	1 34	24 3	0 15	17 28	0 7	0 53	2 2	34 37	12 56	12 51	12 32	19 33		n.a.
T 25	17 59	19 39	4 6	8 4	3 30	26 0	2 15	15 4	0 50	14 15	1 34	24 3	0 15	17 29	0 7	0 54	2 2	34 37	12 57	12 50	12 31	19 33		n.a.
W26	18 14	19 2	4 41	8 26	3 23	25 55	2 12	14 53	0 48	14 14	1 33	24 3	0 15	17 30	0 7	0 55	2 2	34 38	12 57	12 49	12 30	19 33		n.a.
T 27	18 30	17 35	5 5	8 51	3 14	25 49	2 9	14 41	0 47	14 12	1 33	24 3	0 15	17 31	0 7	0 55	2 2	34 38	12 57	12 48	12 29	19 33		n.a.
F 28	18 45	15 21	5 15	9 19	3 5	25 42	2 6	14 30	0 45	14 11	1 33	24 4	0 15	17 32	0 7	0 56	2 2	34 38	12 58	12 47	12 28	19 33		n.a.
S 29	18 59	12 25	5 11	9 48	2 56	25 35	2 2	14 19	0 43	14 9	1 32	24 4	0 15	17 33	0 7	0 57	2 2	34 39	12 58	12 47	12 26	19 33		n.a.
S 30	19 14	8 52	4 53	10 19	2 46	25 28	1 59	14 7	0 42	14 7	1 32	24 4	0 16	17 34	0 7	0 57	2 2	34 39	12 58	12 47	12 25	19 33		n.a.
M31	19n28	4n49	4s20	10n52	2s35	25n20	1n55	13n55	0n40	14n 6	1n32	24n 5	0n16	17n35	0s 7	0n58	2s 2	34s40	12s59	12s47	12s24	19n33		n.a.

Julian Day Number = 1205810.5, Delta T = 09h17m55s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'16, Lahiri = -23°26'15 Julian Calendar 1 May 1412 BCE == Greg. Calendar 18 Apr. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

JUNE 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 47 17	26♉24'07	20♍53	5♉50	11♋39	25♌51	27♌16	26♊46	18♉46	7♈ 1	22°R48	3♏10	2♏ 1	16♊ 5	n.a.	T 1
W 2	15 51 14	27°21'13	4♎31	7° 6	12°34	26°21	27°20	26°53	18°50	7° 3	22♑47	3°12	1°58	16°12	n.a.	W 2
T 3	15 55 10	28°18'18	18°36	8°26	13°27	26°52	27°25	27° 0	18°53	7° 5	22°47	3°13	1°55	16°19	n.a.	T 3
F 4	15 59 7	29°15'24	3♏ 7	9°50	14°21	27°23	27°30	27° 7	18°57	7° 6	22°46	3°R14	1°52	16°25	n.a.	F 4
S 5	16 3 3	0♊12'31	17°59	11°18	15°13	27°54	27°35	27°14	19° 0	7° 8	22°46	3°13	1°49	16°32	n.a.	S 5
S 6	16 7 0	1° 9'37	3♐ 6	12°50	16° 5	28°25	27°40	27°21	19° 4	7° 9	22°45	3°11	1°45	16°39	n.a.	S 6
M 7	16 10 57	2° 6'45	18°19	14°26	16°57	28°56	27°45	27°28	19° 7	7°11	22°44	3° 8	1°42	16°45	n.a.	M 7
T 8	16 14 53	3° 3'53	3♑28	16° 6	17°47	29°28	27°51	27°36	19°11	7°12	22°43	3° 4	1°39	16°52	n.a.	T 8
W 9	16 18 50	4° 1'02	18°22	17°49	18°38	29°59	27°56	27°43	19°14	7°14	22°43	3° 0	1°36	16°59	n.a.	W 9
T 10	16 22 46	4°58'12	2♒56	19°35	19°27	0♍32	28° 2	27°50	19°18	7°15	22°42	2°56	1°33	17° 5	n.a.	T 10
F 11	16 26 43	5°55'23	17° 4	21°25	20°16	1° 5	28° 8	27°57	19°21	7°16	22°41	2°54	1°30	17°12	n.a.	F 11
S 12	16 30 39	6°52'35	0♓46	23°18	21° 4	1°37	28°14	28° 5	19°25	7°18	22°40	2°52	1°26	17°19	n.a.	S 12
S 13	16 34 36	7°49'48	14° 2	25°14	21°51	2°10	28°20	28°12	19°28	7°19	22°40	2°D52	1°23	17°26	n.a.	S 13
M14	16 38 33	8°47'02	26°54	27°11	22°37	2°43	28°27	28°19	19°32	7°20	22°39	2°53	1°20	17°32	n.a.	M14
T 15	16 42 29	9°44'17	9♈28	29°11	23°23	3°16	28°33	28°27	19°35	7°21	22°38	2°55	1°17	17°39	n.a.	T 15
W16	16 46 26	10°41'33	21°45	1♊13	24° 7	3°50	28°40	28°34	19°39	7°23	22°37	2°56	1°14	17°46	n.a.	W16
T 17	16 50 22	11°38'51	3♉51	3°16	24°51	4°23	28°47	28°41	19°42	7°24	22°36	2°R57	1°11	17°52	n.a.	T 17
F 18	16 54 19	12°36'09	15°49	5°21	25°34	4°57	28°53	28°49	19°45	7°25	22°35	2°56	1° 7	17°59	n.a.	F 18
S 19	16 58 15	13°33'29	27°42	7°26	26°16	5°31	29° 0	28°56	19°49	7°26	22°34	2°53	1° 4	18° 6	n.a.	S 19
S 20	17 2 12	14°30'49	9♊32	9°32	26°57	6° 6	29° 8	29° 4	19°52	7°27	22°33	2°48	1° 1	18°12	n.a.	S 20
M21	17 6 8	15°28'11	21°21	11°37	27°37	6°40	29°15	29°11	19°56	7°28	22°32	2°42	0°58	18°19	n.a.	M21
T 22	17 10 5	16°25'34	3♋12	13°43	28°15	7°15	29°22	29°19	19°59	7°29	22°31	2°34	0°55	18°26	n.a.	T 22
W23	17 14 2	17°22'58	15° 5	15°49	28°53	7°50	29°30	29°26	20° 2	7°31	22°30	2°26	0°51	18°32	n.a.	W23
T 24	17 17 58	18°20'23	27° 4	17°53	29°29	8°25	29°38	29°34	20° 5	7°32	22°29	2°18	0°48	18°39	n.a.	T 24
F 25	17 21 55	19°17'49	9♌11	19°58	0♌ 5	9° 0	29°45	29°41	20° 9	7°33	22°28	2°11	0°45	18°46	n.a.	F 25
S 26	17 25 51	20°15'16	21°27	22° 1	0°39	9°35	29°53	29°49	20°12	7°33	22°27	2° 5	0°42	18°52	n.a.	S 26
S 27	17 29 48	21°12'44	3♍56	24° 3	1°11	10°11	0♍ 1	29°56	20°15	7°34	22°26	2° 1	0°39	18°59	n.a.	S 27
M28	17 33 44	22°10'12	16°42	26° 4	1°43	10°47	0° 9	0♋ 4	20°18	7°35	22°25	2°D 0	0°36	19° 6	n.a.	M28
T 29	17 37 41	23° 7'42	29°48	28° 4	2°13	11°23	0°18	0°12	20°22	7°36	22°24	2° 0	0°32	19°13	n.a.	T 29
W30	17 41 37	24♊ 5'13	13♎18	0♋ 3	2♌41	11♍59	0♍26	0♋19	20♉25	7♈37	22♑23	2♏ 1	0♏29	19♊19	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n41	0n26	3s32	11n26	2s24	25n11	1n51	13n43	0n38	14n 4	1n32	24n 5	0n16	17n36	0s 7	0n58	2s 2	34s40	12s59	12s47	12s23	19n33		n.a.
W 2	19 55	4s 8	2 32	12 2	2 12	25 2	1 47	13 31	0 37	14 2	1 31	24 5	0 16	17 37	0 7	0 59	2 2	34 40	12 59	12 48	12 22	19 33		n.a.
T 3	20 8	8 38	1 20	12 40	2 1	24 52	1 43	13 19	0 35	14 0	1 31	24 5	0 16	17 38	0 7	1 0	2 2	34 41	13 0	12 48	12 21	19 33		n.a.
F 4	20 21	12 47	0 1	13 18	1 49	24 42	1 38	13 7	0 33	13 58	1 31	24 6	0 16	17 39	0 7	1 0	2 2	34 41	13 0	12 48	12 20	19 33		n.a.
S 5	20 33	16 12	1n20	13 58	1 36	24 31	1 34	12 55	0 32	13 56	1 31	24 6	0 16	17 40	0 7	1 1	2 2	34 42	13 0	12 48	12 19	19 33		n.a.
S 6	20 45	18 35	2 37	14 38	1 24	24 20	1 29	12 42	0 30	13 54	1 30	24 6	0 16	17 41	0 7	1 1	2 2	34 42	13 1	12 47	12 18	19 33		n.a.
M 7	20 57	19 38	3 42	15 19	1 11	24 9	1 24	12 30	0 29	13 52	1 30	24 6	0 16	17 42	0 7	1 2	2 2	34 43	13 1	12 46	12 16	19 33		n.a.
T 8	21 8	19 17	4 32	16 1	0 59	23 57	1 19	12 17	0 27	13 50	1 30	24 6	0 16	17 43	0 7	1 2	2 2	34 43	13 1	12 45	12 15	19 34		n.a.
W 9	21 19	17 35	5 3	16 42	0 46	23 45	1 13	12 4	0 26	13 48	1 29	24 7	0 16	17 44	0 7	1 3	2 2	34 43	13 1	12 44	12 14	19 34		n.a.
T 10	21 30	14 46	5 13	17 24	0 33	23 32	1 7	11 51	0 24	13 45	1 29	24 7	0 16	17 45	0 7	1 3	2 2	34 44	13 2	12 42	12 13	19 34		n.a.
F 11	21 40	11 11	5 3	18 6	0 21	23 19	1 1	11 38	0 23	13 43	1 29	24 7	0 16	17 46	0 7	1 4	2 3	34 44	13 2	12 41	12 12	19 34		n.a.
S 12	21 50	7 5	4 37	18 47	0 9	23 5	0 55	11 25	0 21	13 41	1 29	24 7	0 17	17 47	0 7	1 4	2 3	34 45	13 2	12 41	12 11	19 34		n.a.
S 13	22 0	2 46	3 56	19 27	0n 3	22 51	0 49	11 12	0 20	13 38	1 28	24 7	0 17	17 48	0 7	1 5	2 3	34 45	13 2	12 41	12 10	19 34		n.a.
M14	22 9	1n33	3 4	20 6	0 14	22 37	0 42	10 58	0 18	13 36	1 28	24 8	0 17	17 49	0 7	1 5	2 3	34 45	13 3	12 41	12 9	19 34		n.a.
T 15	22 18	5 43	2 5	20 44	0 25	22 23	0 36	10 45	0 17	13 33	1 28	24 8	0 17	17 50	0 7	1 6	2 3	34 46	13 3	12 42	12 7	19 34		n.a.
W16	22 26	9 33	1 1	21 20	0 35	22 8	0 29	10 31	0 15	13 31	1 28	24 8	0 17	17 51	0 7	1 6	2 3	34 46	13 3	12 42	12 6	19 34		n.a.
T 17	22 35	12 57	0s 5	21 55	0 45	21 53	0 21	10 17	0 14	13 28	1 27	24 8	0 17	17 52	0 7	1 7	2 3	34 47	13 4	12 42	12 5	19 34		n.a.
F 18	22 42	15 45	1 9	22 27	0 54	21 38	0 14	10 3	0 13	13 25	1 27	24 8	0 17	17 53	0 7	1 7	2 3	34 47	13 4	12 42	12 4	19 34		n.a.
S 19	22 50	17 52	2 10	22 58	1 3	21 22	0 6	9 49	0 11	13 23	1 27	24 8	0 17	17 54	0 7	1 7	2 3	34 48	13 4	12 41	12 3	19 34		n.a.
S 20	22 56	19 13	3 5	23 26	1 10	21 6	0s 2	9 35	0 10	13 20	1 27	24 8	0 17	17 55	0 7	1 8	2 3	34 48	13 4	12 40	12 2	19 34		n.a.
M21	23 3	19 43	3 52	23 51	1 18	20 50	0 10	9 21	0 8	13 17	1 26	24 9	0 17	17 55	0 7	1 8	2 3	34 48	13 5	12 37	12 1	19 34		n.a.
T 22	23 9	19 20	4 29	24 14	1 24	20 34	0 18	9 7	0 7	13 14	1 26	24 9	0 17	17 56	0 7	1 9	2 3	34 49	13 5	12 35	12 0	19 34		n.a.
W23	23 15	18 7	4 54	24 34	1 30	20 18	0 27	8 52	0 6	13 11	1 26	24 9	0 17	17 57	0 7	1 9	2 3	34 49	13 5	12 32	11 58	19 34		n.a.
T 24	23 20	16 6	5 7	24 52	1 35	20 2	0 36	8 38	0 4	13 8	1 26	24 9	0 17	17 58	0 7	1 9	2 3	34 50	13 5	12 29	11 57	19 34		n.a.
F 25	23 25	13 22	5 6	25 7	1 39	19 45	0 45	8 23	0 3	13 5	1 26	24 9	0 18	17 59	0 7	1 10	2 3	34 50	13 5	12 26	11 56	19 34		n.a.
S 26	23 30	10 1	4 51	25 19	1 42	19 29	0 55	8 8	0 2	13 2	1 25	24 9	0 18	18 0	0 7	1 10	2 3	34 50	13 6	12 24	11 55	19 33		n.a.
S 27	23 34	6 11	4 22	25 28	1 45	19 12	1 4	7 53	0 1	12 59	1 25	24 9	0 18	18 1	0 7	1 10	2 4	34 51	13 6	12 23	11 54	19 33		n.a.
M28	23 37	1 59	3 39	25 35	1 47	18 55	1 14	7 38	0s 1	12 56	1 25	24 9	0 18	18 2	0 7	1 10	2 4	34 51	13 6	12 23	11 53	19 33		n.a.
T 29	23 41	2s26	2 45	25 39	1 48	18 39	1 25	7 23	0 2	12 53	1 25	24 9	0 18	18 3	0 7	1 11	2 4	34 52	13 6	12 23	11 52	19 33		n.a.
W30	23n43	6s51	1s39	25n41	1n49	18n22	1s35	7n 8	0s 3	12n49	1n24	24n 9	0n18	18n 3	0s 7	1n11	2s 4	34s52	13s 6	12s23	11s51	19n33		n.a.

Julian Day Number = 1205841.5, Delta T = 09h17m53s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'11, Lahiri = -23°26'11 Julian Calendar 1 June 1412 BCE == Greg. Calendar 19 May 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

JULY 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 45 34	25♊ 2'44	27♎14	2♋ 0	3♌ 8	12♍35	0♍35	0♋27	20♉28	7♈38	22°R22	2°R 2	0♏26	19♊26	n.a.	T 1
F 2	17 49 31	26° 0'17	11♏36	3°55	3°33	13°12	0°43	0°34	20°31	7°38	22♑21	2♏ 1	0°23	19°33	n.a.	F 2
S 3	17 53 27	26°57'52	26°22	5°50	3°57	13°48	0°52	0°42	20°34	7°39	22°20	1°59	0°20	19°39	n.a.	S 3
S 4	17 57 24	27°55'27	11♐27	7°43	4°18	14°25	1° 1	0°50	20°37	7°40	22°19	1°55	0°17	19°46	n.a.	S 4
M 5	18 1 20	28°53'04	26°43	9°34	4°38	15° 2	1°10	0°57	20°40	7°41	22°17	1°48	0°13	19°53	n.a.	M 5
T 6	18 5 17	29°50'42	11♑59	11°24	4°57	15°39	1°19	1° 5	20°43	7°41	22°16	1°40	0°10	19°59	n.a.	T 6
W 7	18 9 13	0♋48'22	27° 4	13°13	5°13	16°16	1°28	1°12	20°46	7°42	22°15	1°31	0° 7	20° 6	n.a.	W 7
T 8	18 13 10	1°46'03	11♒49	15° 0	5°27	16°54	1°37	1°20	20°49	7°42	22°14	1°23	0° 4	20°13	n.a.	T 8
F 9	18 17 7	2°43'47	26° 7	16°46	5°40	17°31	1°47	1°28	20°52	7°43	22°13	1°17	0° 1	20°19	n.a.	F 9
S 10	18 21 3	3°41'32	9♓56	18°30	5°50	18° 9	1°56	1°35	20°55	7°43	22°12	1°12	29♎57	20°26	n.a.	S 10
S 11	18 25 0	4°39'18	23°15	20°13	5°58	18°47	2° 6	1°43	20°58	7°44	22°10	1°10	29°54	20°33	n.a.	S 11
M12	18 28 56	5°37'07	6♈ 8	21°54	6° 5	19°25	2°16	1°51	21° 0	7°44	22° 9	1°D 9	29°51	20°40	n.a.	M12
T 13	18 32 53	6°34'58	18°38	23°35	6° 8	20° 3	2°25	1°58	21° 3	7°45	22° 8	1° 9	29°48	20°46	n.a.	T 13
W14	18 36 49	7°32'50	0♉52	25°13	6°R10	20°41	2°35	2° 6	21° 6	7°45	22° 7	1°R10	29°45	20°53	n.a.	W14
T 15	18 40 46	8°30'45	12°52	26°51	6° 9	21°20	2°45	2°13	21° 9	7°45	22° 6	1° 9	29°42	21° 0	n.a.	T 15
F 16	18 44 42	9°28'41	24°45	28°27	6° 7	21°58	2°55	2°21	21°11	7°46	22° 4	1° 6	29°38	21° 6	n.a.	F 16
S 17	18 48 39	10°26'40	6♊34	0♌ 2	6° 1	22°37	3° 5	2°29	21°14	7°46	22° 3	1° 1	29°35	21°13	n.a.	S 17
S 18	18 52 36	11°24'40	18°23	1°35	5°54	23°16	3°16	2°36	21°17	7°46	22° 2	0°53	29°32	21°20	n.a.	S 18
M19	18 56 32	12°22'42	0♋14	3° 7	5°44	23°55	3°26	2°44	21°19	7°46	22° 1	0°43	29°29	21°26	n.a.	M19
T 20	19 0 29	13°20'47	12° 9	4°38	5°31	24°34	3°36	2°51	21°22	7°47	21°59	0°31	29°26	21°33	n.a.	T 20
W21	19 4 25	14°18'52	24°10	6° 7	5°17	25°13	3°47	2°59	21°24	7°47	21°58	0°17	29°23	21°40	n.a.	W21
T 22	19 8 22	15°17'00	6♌18	7°35	4°59	25°53	3°57	3° 6	21°27	7°47	21°57	0° 4	29°19	21°46	n.a.	T 22
F 23	19 12 18	16°15'10	18°34	9° 1	4°40	26°32	4° 8	3°14	21°29	7°47	21°56	29♎53	29°16	21°53	n.a.	F 23
S 24	19 16 15	17°13'21	0♍59	10°27	4°19	27°12	4°19	3°21	21°32	7°47	21°54	29°43	29°13	22° 0	n.a.	S 24
S 25	19 20 11	18°11'34	13°35	11°50	3°55	27°52	4°30	3°29	21°34	7°R47	21°53	29°36	29°10	22° 7	n.a.	S 25
M26	19 24 8	19° 9'48	26°24	13°13	3°29	28°32	4°41	3°36	21°36	7°47	21°52	29°32	29° 7	22°13	n.a.	M26
T 27	19 28 4	20° 8'04	9♎30	14°33	3° 2	29°12	4°52	3°44	21°39	7°47	21°50	29°30	29° 3	22°20	n.a.	T 27
W28	19 32 1	21° 6'22	22°54	15°53	2°32	29°52	5° 3	3°51	21°41	7°47	21°49	29°30	29° 0	22°27	n.a.	W28
T 29	19 35 58	22° 4'42	6♏40	17°10	2° 1	0♎32	5°14	3°58	21°43	7°47	21°48	29°30	28°57	22°33	n.a.	T 29
F 30	19 39 54	23° 3'03	20°49	18°26	1°29	1°13	5°25	4° 6	21°45	7°46	21°47	29°29	28°54	22°40	n.a.	F 30
S 31	19 43 51	24♋ 1'26	5♐19	19♌41	0♌55	1♎53	5♍36	4♋13	21♉47	7♈46	21♑45	29♎26	28♎51	22♊47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n46	11s 4	0s26	25n40	1n49	18n 5	1s46	6n53	0s 5	12n46	1n24	24n10	0n18	18n 4	0s 7	1n11	2s 4	34s52	13s 7	12s23	11s49	19n33			n.a.
F 2	23 48	14 46	0n51	25 37	1 49	17 49	1 57	6 38	0 6	12 43	1 24	24 10	0 18	18 5	0 7	1 11	2 4	34 53	13 7	12 23	11 48	19 33			n.a.
S 3	23 49	17 38	2 7	25 32	1 48	17 32	2 8	6 22	0 7	12 40	1 24	24 10	0 18	18 6	0 7	1 12	2 4	34 53	13 7	12 22	11 47	19 33			n.a.
S 4	23 51	19 20	3 15	25 24	1 46	17 16	2 19	6 7	0 8	12 36	1 24	24 10	0 18	18 7	0 7	1 12	2 4	34 53	13 7	12 21	11 46	19 33			n.a.
M 5	23 51	19 39	4 10	25 14	1 44	17 0	2 31	5 51	0 9	12 33	1 23	24 10	0 18	18 8	0 7	1 12	2 4	34 54	13 7	12 18	11 45	19 33			n.a.
T 6	23 52	18 32	4 47	25 3	1 42	16 44	2 43	5 35	0 11	12 29	1 23	24 10	0 19	18 8	0 7	1 12	2 4	34 54	13 8	12 16	11 44	19 33			n.a.
W 7	23 51	16 9	5 4	24 50	1 39	16 28	2 55	5 20	0 12	12 26	1 23	24 10	0 19	18 9	0 7	1 13	2 4	34 55	13 8	12 13	11 43	19 33			n.a.
T 8	23 51	12 45	5 0	24 35	1 35	16 13	3 7	5 4	0 13	12 22	1 23	24 10	0 19	18 10	0 7	1 13	2 4	34 55	13 8	12 10	11 41	19 33			n.a.
F 9	23 50	8 42	4 37	24 18	1 31	15 57	3 20	4 48	0 14	12 18	1 23	24 10	0 19	18 11	0 7	1 13	2 4	34 55	13 8	12 7	11 40	19 33			n.a.
S 10	23 48	4 19	3 58	24 0	1 27	15 43	3 33	4 32	0 15	12 15	1 22	24 10	0 19	18 12	0 6	1 13	2 4	34 56	13 8	12 6	11 39	19 33			n.a.
S 11	23 46	0n 9	3 8	23 40	1 23	15 28	3 45	4 16	0 16	12 11	1 22	24 10	0 19	18 12	0 6	1 13	2 5	34 56	13 8	12 5	11 38	19 33			n.a.
M12	23 44	4 27	2 9	23 19	1 17	15 14	3 59	4 0	0 17	12 7	1 22	24 10	0 19	18 13	0 6	1 13	2 5	34 56	13 8	12 5	11 37	19 32			n.a.
T 13	23 41	8 27	1 6	22 57	1 12	15 0	4 12	3 43	0 19	12 4	1 22	24 10	0 19	18 14	0 6	1 13	2 5	34 57	13 9	12 5	11 36	19 32			n.a.
W14	23 38	12 0	0 2	22 33	1 6	14 47	4 25	3 27	0 20	12 0	1 22	24 10	0 19	18 15	0 6	1 13	2 5	34 57	13 9	12 5	11 35	19 32			n.a.
T 15	23 35	14 59	1s 2	22 8	1 0	14 34	4 38	3 11	0 21	11 56	1 21	24 10	0 19	18 15	0 6	1 13	2 5	34 57	13 9	12 5	11 33	19 32			n.a.
F 16	23 31	17 19	2 2	21 43	0 54	14 22	4 52	2 54	0 22	11 52	1 21	24 10	0 19	18 16	0 6	1 13	2 5	34 58	13 9	12 4	11 32	19 32			n.a.
S 17	23 26	18 53	2 57	21 16	0 48	14 10	5 5	2 38	0 23	11 48	1 21	24 10	0 19	18 17	0 6	1 14	2 5	34 58	13 9	12 2	11 31	19 32			n.a.
S 18	23 21	19 38	3 43	20 49	0 41	13 59	5 19	2 21	0 24	11 44	1 21	24 10	0 20	18 18	0 6	1 14	2 5	34 58	13 9	11 59	11 30	19 32			n.a.
M19	23 16	19 31	4 20	20 21	0 34	13 48	5 32	2 5	0 25	11 40	1 21	24 9	0 20	18 18	0 6	1 14	2 5	34 59	13 9	11 55	11 29	19 32			n.a.
T 20	23 11	18 33	4 46	19 52	0 26	13 38	5 45	1 48	0 26	11 36	1 21	24 9	0 20	18 19	0 6	1 14	2 5	34 59	13 9	11 51	11 28	19 32			n.a.
W21	23 4	16 45	4 59	19 23	0 19	13 29	5 59	1 31	0 27	11 32	1 20	24 9	0 20	18 20	0 6	1 14	2 5	34 59	13 9	11 46	11 27	19 31			n.a.
T 22	22 58	14 12	4 59	18 53	0 11	13 21	6 11	1 14	0 28	11 28	1 20	24 9	0 20	18 20	0 6	1 14	2 5	35 0	13 9	11 42	11 25	19 31			n.a.
F 23	22 51	11 1	4 45	18 22	0 3	13 13	6 24	0 57	0 29	11 24	1 20	24 9	0 20	18 21	0 6	1 14	2 5	35 0	13 10	11 37	11 24	19 31			n.a.
S 24	22 44	7 18	4 18	17 51	0s 5	13 6	6 37	0 40	0 30	11 20	1 20	24 9	0 20	18 22	0 6	1 13	2 5	35 0	13 10	11 34	11 23	19 31			n.a.
S 25	22 36	3 14	3 38	17 20	0 13	13 0	6 49	0 23	0 31	11 16	1 20	24 9	0 20	18 22	0 6	1 13	2 5	35 1	13 10	11 32	11 22	19 31			n.a.
M26	22 28	1s 4	2 46	16 48	0 21	12 54	7 0	0 6	0 32	11 12	1 20	24 9	0 20	18 23	0 6	1 13	2 6	35 1	13 10	11 30	11 21	19 31			n.a.
T 27	22 19	5 25	1 44	16 17	0 30	12 50	7 11	0s11	0 33	11 7	1 19	24 9	0 20	18 23	0 6	1 13	2 6	35 1	13 10	11 29	11 20	19 31			n.a.
W28	22 10	9 36	0 35	15 45	0 38	12 46	7 22	0 28	0 34	11 3	1 19	24 9	0 21	18 24	0 6	1 13	2 6	35 1	13 10	11 29	11 19	19 31			n.a.
T 29	22 1	13 23	0n38	15 13	0 47	12 43	7 32	0 45	0 35	10 59	1 19	24 8	0 21	18 25	0 6	1 13	2 6	35 2	13 10	11 29	11 17	19 30			n.a.
F 30	21 51	16 30	1 50	14 41	0 56	12 41	7 41	1 2	0 36	10 54	1 19	24 8	0 21	18 25	0 6	1 13	2 6	35 2	13 10	11 29	11 16	19 30			n.a.
S 31	21n41	18s40	2n57	14n 9	1s 5	12n39	7s50	1s19	0s37	10n50	1n19	24n 8	0n21	18n26	0s 6	1n13	2s 6	35s 2	13s10	11s28	11s15	19n30			n.a.

Julian Day Number = 1205871.5, Delta T = 09h17m52s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'07, Lahiri = -23°26'07 Julian Calendar 1 July 1412 BCE == Greg. Calendar 18 June 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

AUGUST 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 47 47	24♋59'51	20♐ 9	20♌53	0°R20	2♎34	5♍48	4♋20	21♉49	7°R46	21°R44	29°R20	28♎48	22♊53	n.a.	S 1
M 2	19 51 44	25°58'18	5♑12	22° 4	29♋45	3°15	5°59	4°28	21°51	7♈46	21♑43	29♎11	28°44	23° 0	n.a.	M 2
T 3	19 55 40	26°56'47	20°19	23°13	29° 8	3°56	6°11	4°35	21°53	7°45	21°42	29° 1	28°41	23° 7	n.a.	T 3
W 4	19 59 37	27°55'17	5♒20	24°20	28°32	4°37	6°22	4°42	21°55	7°45	21°40	28°50	28°38	23°14	n.a.	W 4
T 5	20 3 33	28°53'50	20° 4	25°24	27°55	5°18	6°34	4°49	21°57	7°45	21°39	28°39	28°35	23°20	n.a.	T 5
F 6	20 7 30	29°52'25	4♓26	26°26	27°18	5°59	6°46	4°57	21°59	7°44	21°38	28°29	28°32	23°27	n.a.	F 6
S 7	20 11 27	0♌51'02	18°19	27°26	26°42	6°40	6°57	5° 4	22° 1	7°44	21°37	28°23	28°28	23°34	n.a.	S 7
S 8	20 15 23	1°49'41	1♈43	28°23	26° 6	7°22	7° 9	5°11	22° 2	7°43	21°35	28°18	28°25	23°40	n.a.	S 8
M 9	20 19 20	2°48'23	14°39	29°18	25°31	8° 3	7°21	5°18	22° 4	7°43	21°34	28°17	28°22	23°47	n.a.	M 9
T 10	20 23 16	3°47'07	27°12	0♍ 9	24°57	8°45	7°33	5°25	22° 6	7°42	21°33	28°16	28°19	23°54	n.a.	T 10
W11	20 27 13	4°45'54	9♉26	0°57	24°25	9°26	7°45	5°32	22° 7	7°42	21°32	28°16	28°16	24° 0	n.a.	W11
T 12	20 31 9	5°44'43	21°27	1°42	23°53	10° 8	7°57	5°39	22° 9	7°41	21°30	28°15	28°13	24° 7	n.a.	T 12
F 13	20 35 6	6°43'35	3♊19	2°23	23°24	10°50	8° 9	5°46	22°11	7°41	21°29	28°13	28° 9	24°14	n.a.	F 13
S 14	20 39 2	7°42'29	15° 8	2°59	22°56	11°32	8°21	5°53	22°12	7°40	21°28	28° 8	28° 6	24°21	n.a.	S 14
S 15	20 42 59	8°41'25	26°59	3°32	22°30	12°15	8°34	6° 0	22°13	7°39	21°27	28° 0	28° 3	24°27	n.a.	S 15
M16	20 46 55	9°40'24	8♋53	3°59	22° 7	12°57	8°46	6° 6	22°15	7°39	21°25	27°49	28° 0	24°34	n.a.	M16
T 17	20 50 52	10°39'25	20°55	4°22	21°45	13°39	8°58	6°13	22°16	7°38	21°24	27°37	27°57	24°41	n.a.	T 17
W18	20 54 49	11°38'28	3♌ 5	4°38	21°26	14°22	9°11	6°20	22°17	7°37	21°23	27°23	27°54	24°47	n.a.	W18
T 19	20 58 45	12°37'33	15°26	4°49	21° 8	15° 4	9°23	6°27	22°19	7°36	21°22	27°10	27°50	24°54	n.a.	T 19
F 20	21 2 42	13°36'41	27°56	4°R54	20°54	15°47	9°35	6°33	22°20	7°35	21°21	26°58	27°47	25° 1	n.a.	F 20
S 21	21 6 38	14°35'51	10♍37	4°51	20°41	16°30	9°48	6°40	22°21	7°35	21°20	26°48	27°44	25° 7	n.a.	S 21
S 22	21 10 35	15°35'02	23°29	4°42	20°31	17°13	10° 1	6°46	22°22	7°34	21°18	26°41	27°41	25°14	n.a.	S 22
M23	21 14 31	16°34'16	6♎31	4°25	20°24	17°55	10°13	6°53	22°23	7°33	21°17	26°37	27°38	25°21	n.a.	M23
T 24	21 18 28	17°33'32	19°46	4° 0	20°18	18°38	10°26	6°59	22°24	7°32	21°16	26°35	27°34	25°28	n.a.	T 24
W25	21 22 24	18°32'50	3♏15	3°27	20°16	19°22	10°38	7° 6	22°25	7°31	21°15	26°D35	27°31	25°34	n.a.	W25
T 26	21 26 21	19°32'09	16°58	2°47	20°D15	20° 5	10°51	7°12	22°26	7°30	21°14	26°R36	27°28	25°41	n.a.	T 26
F 27	21 30 17	20°31'31	0♐58	1°59	20°17	20°48	11° 4	7°18	22°27	7°29	21°13	26°35	27°25	25°48	n.a.	F 27
S 28	21 34 14	21°30'55	15°13	1° 4	20°22	21°32	11°17	7°24	22°27	7°28	21°12	26°33	27°22	25°54	n.a.	S 28
S 29	21 38 11	22°30'20	29°43	0° 3	20°28	22°15	11°30	7°31	22°28	7°27	21°11	26°28	27°19	26° 1	n.a.	S 29
M30	21 42 7	23°29'48	14♑23	28♌57	20°37	22°59	11°42	7°37	22°29	7°26	21°10	26°21	27°15	26° 8	n.a.	M30
T 31	21 46 4	24♌29'17	29♑ 6	27♌47	20♋48	23♎42	11♍55	7♋43	22♉29	7♈25	21♑ 9	26♎12	27♎12	26♊14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n30	19s36	3n54	13n37	1s14	12n39	7s58	1s37	0s38	10n46	1n19	24n 8	0n21	18n26	0s 6	1n13	2s 6	35s 2	13s10	11s26	11s14	19n30			n.a.
M 2	21 19	19 11	4 35	13 6	1 23	12 39	8 5	1 54	0 39	10 41	1 19	24 8	0 21	18 27	0 6	1 12	2 6	35 3	13 10	11 23	11 13	19 30			n.a.
T 3	21 8	17 24	4 57	12 35	1 32	12 40	8 12	2 11	0 39	10 37	1 18	24 8	0 21	18 27	0 6	1 12	2 6	35 3	13 10	11 19	11 12	19 30			n.a.
W 4	20 56	14 27	4 59	12 4	1 41	12 42	8 17	2 29	0 40	10 32	1 18	24 8	0 21	18 28	0 6	1 12	2 6	35 3	13 10	11 15	11 11	19 29			n.a.
T 5	20 44	10 37	4 40	11 34	1 50	12 45	8 22	2 46	0 41	10 28	1 18	24 7	0 21	18 28	0 6	1 12	2 6	35 3	13 10	11 11	11 9	19 29			n.a.
F 6	20 32	6 17	4 4	11 4	1 58	12 48	8 25	3 3	0 42	10 23	1 18	24 7	0 21	18 29	0 6	1 12	2 6	35 4	13 10	11 7	11 8	19 29			n.a.
S 7	20 19	1 43	3 14	10 35	2 7	12 52	8 28	3 21	0 43	10 19	1 18	24 7	0 22	18 29	0 6	1 11	2 6	35 4	13 10	11 5	11 7	19 29			n.a.
S 8	20 6	2n46	2 16	10 7	2 16	12 57	8 30	3 38	0 44	10 14	1 18	24 7	0 22	18 30	0 6	1 11	2 6	35 4	13 10	11 3	11 6	19 29			n.a.
M 9	19 52	6 58	1 11	9 40	2 25	13 2	8 31	3 56	0 45	10 9	1 18	24 7	0 22	18 30	0 6	1 11	2 7	35 4	13 10	11 3	11 5	19 28			n.a.
T 10	19 39	10 45	0 6	9 14	2 33	13 8	8 31	4 13	0 45	10 5	1 17	24 7	0 22	18 31	0 6	1 11	2 7	35 4	13 10	11 3	11 4	19 28			n.a.
W11	19 24	13 58	0s59	8 49	2 42	13 15	8 30	4 31	0 46	10 0	1 17	24 6	0 22	18 31	0 6	1 10	2 7	35 5	13 10	11 3	11 3	19 28			n.a.
T 12	19 10	16 31	1 59	8 25	2 50	13 22	8 28	4 48	0 47	9 55	1 17	24 6	0 22	18 31	0 6	1 10	2 7	35 5	13 10	11 2	11 1	19 28			n.a.
F 13	18 55	18 20	2 54	8 3	2 58	13 29	8 26	5 6	0 48	9 51	1 17	24 6	0 22	18 32	0 6	1 10	2 7	35 5	13 10	11 1	11 0	19 28			n.a.
S 14	18 40	19 21	3 41	7 43	3 5	13 37	8 22	5 23	0 49	9 46	1 17	24 6	0 22	18 32	0 6	1 9	2 7	35 5	13 10	11 0	10 59	19 27			n.a.
S 15	18 24	19 31	4 18	7 25	3 12	13 45	8 18	5 41	0 49	9 41	1 17	24 6	0 22	18 33	0 6	1 9	2 7	35 5	13 10	10 57	10 58	19 27			n.a.
M16	18 8	18 49	4 45	7 8	3 19	13 54	8 13	5 58	0 50	9 36	1 17	24 5	0 22	18 33	0 6	1 9	2 7	35 5	13 10	10 53	10 57	19 27			n.a.
T 17	17 52	17 17	4 59	6 54	3 25	14 2	8 8	6 15	0 51	9 32	1 17	24 5	0 23	18 33	0 6	1 8	2 7	35 6	13 10	10 48	10 56	19 27			n.a.
W18	17 36	14 58	4 59	6 43	3 30	14 11	8 2	6 33	0 52	9 27	1 17	24 5	0 23	18 34	0 6	1 8	2 7	35 6	13 9	10 43	10 54	19 27			n.a.
T 19	17 19	11 57	4 46	6 35	3 35	14 21	7 55	6 50	0 52	9 22	1 16	24 5	0 23	18 34	0 6	1 8	2 7	35 6	13 9	10 39	10 53	19 26			n.a.
F 20	17 2	8 22	4 19	6 30	3 39	14 30	7 48	7 8	0 53	9 17	1 16	24 4	0 23	18 34	0 6	1 7	2 7	35 6	13 9	10 34	10 52	19 26			n.a.
S 21	16 44	4 21	3 38	6 28	3 42	14 39	7 40	7 25	0 54	9 12	1 16	24 4	0 23	18 35	0 6	1 7	2 7	35 6	13 9	10 30	10 51	19 26			n.a.
S 22	16 27	0 6	2 46	6 30	3 43	14 49	7 32	7 43	0 55	9 7	1 16	24 4	0 23	18 35	0 6	1 6	2 7	35 6	13 9	10 28	10 50	19 26			n.a.
M23	16 9	4s14	1 44	6 36	3 44	14 58	7 23	8 0	0 55	9 2	1 16	24 4	0 23	18 35	0 6	1 6	2 7	35 6	13 9	10 26	10 49	19 25			n.a.
T 24	15 50	8 25	0 36	6 46	3 43	15 8	7 15	8 17	0 56	8 57	1 16	24 4	0 23	18 35	0 6	1 6	2 7	35 6	13 9	10 26	10 47	19 25			n.a.
W25	15 32	12 16	0n35	7 0	3 40	15 17	7 5	8 35	0 57	8 52	1 16	24 3	0 23	18 36	0 6	1 5	2 7	35 6	13 9	10 26	10 46	19 25			n.a.
T 26	15 13	15 30	1 46	7 18	3 36	15 27	6 56	8 52	0 57	8 47	1 16	24 3	0 24	18 36	0 6	1 5	2 8	35 7	13 9	10 26	10 45	19 25			n.a.
F 27	14 54	17 54	2 52	7 41	3 30	15 36	6 46	9 9	0 58	8 42	1 16	24 3	0 24	18 36	0 6	1 4	2 8	35 7	13 9	10 26	10 44	19 24			n.a.
S 28	14 35	19 14	3 49	8 9	3 22	15 45	6 36	9 26	0 59	8 37	1 16	24 3	0 24	18 36	0 6	1 4	2 8	35 7	13 8	10 25	10 43	19 24			n.a.
S 29	14 15	19 20	4 32	8 40	3 12	15 54	6 26	9 43	0 59	8 32	1 16	24 2	0 24	18 36	0 6	1 3	2 8	35 7	13 8	10 23	10 42	19 24			n.a.
M30	13 55	18 9	4 57	9 14	3 0	16 3	6 16	10 0	1 0	8 27	1 16	24 2	0 24	18 37	0 6	1 3	2 8	35 7	13 8	10 21	10 41	19 24			n.a.
T 31	13n35	15s45	5n 3	9n52	2s46	16n11	6s 6	10s17	1s 0	8n22	1n15	24n 2	0n24	18n37	0s 6	1n 2	2s 8	35s 7	13s 8	10s17	10s39	19n23			n.a.

Julian Day Number = 1205902.5, Delta T = 09h17m50s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°33'03, Lahiri = -23°26'03 Julian Calendar 1 Aug. 1412 BCE == Greg. Calendar 19 July 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

SEPTEMBER 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 50 0	25♌28'48	13♒47	26°R35	21♋ 1	24♎26	12♍ 8	7♋49	22♉30	7°R23	21°R 8	26°R 3	27♎ 9	26♊21	n.a.	W 1
T 2	21 53 57	26°28'22	28°16	25♌24	21°16	25°10	12°21	7°55	22°30	7♈22	21♏ 7	25♎53	27° 6	26°28	n.a.	T 2
F 3	21 57 53	27°27'57	12♓27	24°14	21°33	25°54	12°34	8° 0	22°31	7°21	21° 6	25°45	27° 3	26°35	n.a.	F 3
S 4	22 1 50	28°27'35	26°15	23° 8	21°53	26°37	12°47	8° 6	22°31	7°20	21° 5	25°39	27° 0	26°41	n.a.	S 4
S 5	22 5 46	29°27'15	9♈39	22° 8	22°14	27°22	13° 0	8°12	22°31	7°19	21° 4	25°36	26°56	26°48	n.a.	S 5
M 6	22 9 43	0♍26'58	22°37	21°16	22°37	28° 6	13°13	8°18	22°32	7°17	21° 3	25°D34	26°53	26°55	n.a.	M 6
T 7	22 13 39	1°26'43	5♉12	20°32	23° 1	28°50	13°26	8°23	22°32	7°16	21° 2	25°35	26°50	27° 1	n.a.	T 7
W 8	22 17 36	2°26'30	17°29	20° 0	23°28	29°34	13°39	8°29	22°32	7°15	21° 1	25°36	26°47	27° 8	n.a.	W 8
T 9	22 21 33	3°26'20	29°32	19°37	23°56	0♏18	13°52	8°34	22°32	7°13	21° 0	25°R37	26°44	27°15	n.a.	T 9
F 10	22 25 29	4°26'12	11♊26	19°D27	24°26	1° 3	14° 5	8°39	22°32	7°12	20°59	25°37	26°40	27°22	n.a.	F 10
S 11	22 29 26	5°26'07	23°17	19°27	24°57	1°47	14°19	8°45	22°R32	7°11	20°58	25°35	26°37	27°28	n.a.	S 11
S 12	22 33 22	6°26'04	5♋ 9	19°39	25°30	2°32	14°32	8°50	22°32	7° 9	20°58	25°31	26°34	27°35	n.a.	S 12
M13	22 37 19	7°26'03	17° 7	20° 0	26° 4	3°16	14°45	8°55	22°32	7° 8	20°57	25°24	26°31	27°42	n.a.	M13
T 14	22 41 15	8°26'04	29°14	20°32	26°39	4° 1	14°58	9° 0	22°32	7° 6	20°56	25°17	26°28	27°48	n.a.	T 14
W15	22 45 12	9°26'08	11♌33	21°13	27°16	4°46	15°11	9° 5	22°32	7° 5	20°55	25° 8	26°25	27°55	n.a.	W15
T 16	22 49 8	10°26'14	24° 5	22° 2	27°55	5°31	15°25	9°10	22°31	7° 3	20°54	25° 0	26°21	28° 2	n.a.	T 16
F 17	22 53 5	11°26'22	6♍52	22°58	28°34	6°15	15°38	9°15	22°31	7° 2	20°54	24°52	26°18	28° 8	n.a.	F 17
S 18	22 57 2	12°26'32	19°53	24° 1	29°15	7° 0	15°51	9°20	22°31	7° 0	20°53	24°45	26°15	28°15	n.a.	S 18
S 19	23 0 58	13°26'44	3♎ 6	25°10	29°56	7°45	16° 4	9°24	22°30	6°59	20°52	24°41	26°12	28°22	n.a.	S 19
M20	23 4 55	14°26'57	16°32	26°24	0♌39	8°31	16°18	9°29	22°30	6°57	20°52	24°39	26° 9	28°29	n.a.	M20
T 21	23 8 51	15°27'13	0♏ 8	27°42	1°23	9°16	16°31	9°34	22°29	6°56	20°51	24°D39	26° 5	28°35	n.a.	T 21
W22	23 12 48	16°27'30	13°54	29° 4	2° 8	10° 1	16°44	9°38	22°29	6°54	20°50	24°40	26° 2	28°42	n.a.	W22
T 23	23 16 44	17°27'49	27°48	0♍28	2°54	10°46	16°57	9°42	22°28	6°53	20°50	24°42	25°59	28°49	n.a.	T 23
F 24	23 20 41	18°28'10	11♐50	1°56	3°41	11°31	17°11	9°47	22°27	6°51	20°49	24°R43	25°56	28°55	n.a.	F 24
S 25	23 24 37	19°28'33	25°58	3°25	4°29	12°17	17°24	9°51	22°27	6°49	20°49	24°43	25°53	29° 2	n.a.	S 25
S 26	23 28 34	20°28'56	10♑12	4°56	5°17	13° 2	17°37	9°55	22°26	6°48	20°48	24°41	25°50	29° 9	n.a.	S 26
M27	23 32 30	21°29'22	24°29	6°29	6° 7	13°48	17°50	9°59	22°25	6°46	20°48	24°38	25°46	29°16	n.a.	M27
T 28	23 36 27	22°29'49	8♒45	8° 2	6°57	14°33	18° 4	10° 3	22°24	6°45	20°47	24°34	25°43	29°22	n.a.	T 28
W29	23 40 24	23°30'17	22°57	9°37	7°48	15°19	18°17	10° 7	22°23	6°43	20°47	24°29	25°40	29°29	n.a.	W29
T 30	23 44 20	24♍30'47	6♓59	11♍12	8♌40	16♏ 4	18♍30	10♋10	22♉22	6♈41	20♏46	24♎24	25♎37	29♊36	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n15	12s22	4n50	10n32	2s30	16n20	5s56	10s34	1s 1	8n17	1n15	24n 2	0n24	18n37	0s 6	1n 2	2s 8	35s 7	13s 8	10s14	10s38	19n23		n.a.
T 2	12 55	8 16	4 17	11 12	2 12	16 28	5 45	10 51	1 2	8 12	1 15	24 1	0 24	18 37	0 6	1 1	2 8	35 7	13 8	10 10	10 37	19 23		n.a.
F 3	12 34	3 47	3 29	11 54	1 54	16 35	5 35	11 8	1 2	8 7	1 15	24 1	0 25	18 37	0 6	1 1	2 8	35 7	13 8	10 7	10 36	19 23		n.a.
S 4	12 13	0n47	2 30	12 34	1 34	16 43	5 24	11 25	1 3	8 2	1 15	24 1	0 25	18 37	0 6	1 0	2 8	35 7	13 7	10 5	10 35	19 22		n.a.
S 5	11 52	5 10	1 24	13 13	1 14	16 50	5 14	11 42	1 3	7 57	1 15	24 1	0 25	18 37	0 6	1 0	2 8	35 7	13 7	10 4	10 34	19 22		n.a.
M 6	11 30	9 12	0 16	13 49	0 53	16 56	5 3	11 58	1 4	7 52	1 15	24 0	0 25	18 37	0 6	0 59	2 8	35 7	13 7	10 3	10 32	19 22		n.a.
T 7	11 9	12 41	0s52	14 22	0 33	17 3	4 53	12 15	1 4	7 46	1 15	24 0	0 25	18 38	0 6	0 59	2 8	35 7	13 7	10 3	10 31	19 21		n.a.
W 8	10 47	15 31	1 55	14 51	0 14	17 9	4 42	12 31	1 5	7 41	1 15	24 0	0 25	18 38	0 6	0 58	2 8	35 7	13 7	10 4	10 30	19 21		n.a.
T 9	10 25	17 36	2 52	15 16	0n 5	17 14	4 32	12 48	1 6	7 36	1 15	24 0	0 25	18 38	0 6	0 57	2 8	35 7	13 7	10 4	10 29	19 21		n.a.
F 10	10 3	18 54	3 41	15 36	0 22	17 19	4 22	13 4	1 6	7 31	1 15	24 0	0 25	18 38	0 6	0 57	2 8	35 7	13 6	10 4	10 28	19 21		n.a.
S 11	9 41	19 21	4 21	15 51	0 38	17 24	4 11	13 20	1 7	7 26	1 15	23 59	0 26	18 38	0 6	0 56	2 8	35 7	13 6	10 3	10 27	19 20		n.a.
S 12	9 18	18 57	4 49	16 2	0 53	17 28	4 1	13 37	1 7	7 20	1 15	23 59	0 26	18 38	0 6	0 56	2 8	35 7	13 6	10 2	10 25	19 20		n.a.
M13	8 56	17 43	5 4	16 7	1 7	17 31	3 51	13 53	1 8	7 15	1 15	23 59	0 26	18 38	0 6	0 55	2 8	35 7	13 6	10 0	10 24	19 20		n.a.
T 14	8 33	15 40	5 7	16 8	1 19	17 34	3 41	14 9	1 8	7 10	1 15	23 59	0 26	18 38	0 6	0 54	2 8	35 7	13 6	9 57	10 23	19 19		n.a.
W15	8 10	12 54	4 55	16 5	1 29	17 37	3 31	14 24	1 8	7 5	1 15	23 58	0 26	18 38	0 6	0 54	2 8	35 7	13 5	9 54	10 22	19 19		n.a.
T 16	7 47	9 30	4 29	15 57	1 38	17 39	3 22	14 40	1 9	7 0	1 15	23 58	0 26	18 37	0 6	0 53	2 8	35 6	13 5	9 50	10 21	19 19		n.a.
F 17	7 24	5 36	3 50	15 45	1 45	17 41	3 12	14 56	1 9	6 54	1 15	23 58	0 26	18 37	0 6	0 53	2 9	35 6	13 5	9 47	10 20	19 18		n.a.
S 18	7 1	1 22	2 57	15 30	1 52	17 42	3 2	15 11	1 10	6 49	1 15	23 58	0 26	18 37	0 6	0 52	2 9	35 6	13 5	9 45	10 18	19 18		n.a.
S 19	6 37	3s 0	1 54	15 11	1 57	17 42	2 53	15 27	1 10	6 44	1 15	23 58	0 27	18 37	0 6	0 51	2 9	35 6	13 5	9 44	10 17	19 18		n.a.
M20	6 14	7 17	0 44	14 49	2 0	17 42	2 44	15 42	1 11	6 39	1 15	23 57	0 27	18 37	0 6	0 51	2 9	35 6	13 4	9 43	10 16	19 17		n.a.
T 21	5 50	11 15	0n30	14 24	2 3	17 42	2 34	15 57	1 11	6 33	1 15	23 57	0 27	18 37	0 6	0 50	2 9	35 6	13 4	9 43	10 15	19 17		n.a.
W22	5 26	14 39	1 43	13 57	2 5	17 40	2 25	16 12	1 11	6 28	1 15	23 57	0 27	18 37	0 6	0 49	2 9	35 6	13 4	9 43	10 14	19 17		n.a.
T 23	5 2	17 15	2 51	13 27	2 6	17 39	2 16	16 27	1 12	6 23	1 15	23 57	0 27	18 37	0 6	0 49	2 9	35 6	13 4	9 44	10 12	19 16		n.a.
F 24	4 38	18 49	3 49	12 55	2 6	17 36	2 7	16 42	1 12	6 17	1 15	23 57	0 27	18 36	0 6	0 48	2 9	35 6	13 3	9 44	10 11	19 16		n.a.
S 25	4 14	19 14	4 34	12 22	2 5	17 33	1 59	16 56	1 13	6 12	1 14	23 56	0 27	18 36	0 6	0 47	2 9	35 5	13 3	9 44	10 10	19 16		n.a.
S 26	3 50	18 26	5 2	11 47	2 4	17 30	1 50	17 11	1 13	6 7	1 14	23 56	0 28	18 36	0 6	0 47	2 9	35 5	13 3	9 44	10 9	19 15		n.a.
M27	3 26	16 29	5 12	11 10	2 2	17 26	1 42	17 25	1 13	6 2	1 14	23 56	0 28	18 36	0 6	0 46	2 9	35 5	13 3	9 42	10 8	19 15		n.a.
T 28	3 2	13 31	5 3	10 32	1 59	17 21	1 34	17 39	1 14	5 56	1 14	23 56	0 28	18 36	0 6	0 45	2 9	35 5	13 2	9 41	10 7	19 15		n.a.
W29	2 37	9 47	4 35	9 53	1 56	17 16	1 25	17 53	1 14	5 51	1 14	23 56	0 28	18 35	0 6	0 45	2 9	35 5	13 2	9 39	10 5	19 14		n.a.
T 30	2n13	5s33	3n50	9n13	1n52	17n10	1s17	18s 7	1s14	5n46	1n14	23n56	0n28	18n35	0s 6	0n44	2s 9	35s 5	13s 2	9s37	10s 4	19n14		n.a.

Julian Day Number = 1205933.5, Delta T = 09h17m48s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'59, Lahiri = -23°25'58 Julian Calendar 1 Sept. 1412 BCE == Greg. Calendar 19 Aug. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

OCTOBER 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 48 17	25♍31'19	20♓47	12♍48	9♌33	16♏50	18♍43	10♋14	22°R21	6°R40	20°R46	24°R20	25♎34	29♊42	n.a.	F 1
S 2	23 52 13	26°31'52	4♈18	14°24	10°26	17°36	18°57	10°17	22♉20	6♈38	20♑45	24♎17	25°31	29°49	n.a.	S 2
S 3	23 56 10	27°32'27	17°31	16° 1	11°20	18°22	19°10	10°21	22°19	6°36	20°45	24°16	25°27	29°56	n.a.	S 3
M 4	0 0 6	28°33'04	0♉23	17°37	12°15	19° 7	19°23	10°24	22°18	6°35	20°45	24°D16	25°24	0♋ 3	n.a.	M 4
T 5	0 4 3	29°33'43	12°57	19°14	13°10	19°53	19°36	10°27	22°17	6°33	20°44	24°17	25°21	0° 9	n.a.	T 5
W 6	0 7 59	0♎34'24	25°15	20°51	14° 6	20°39	19°49	10°31	22°15	6°31	20°44	24°19	25°18	0°16	n.a.	W 6
T 7	0 11 56	1°35'06	7♊19	22°27	15° 3	21°25	20° 2	10°34	22°14	6°30	20°44	24°20	25°15	0°23	n.a.	T 7
F 8	0 15 53	2°35'50	19°15	24° 4	16° 0	22°11	20°16	10°37	22°13	6°28	20°43	24°22	25°11	0°29	n.a.	F 8
S 9	0 19 49	3°36'36	1♋ 7	25°40	16°58	22°57	20°29	10°39	22°11	6°26	20°43	24°R22	25° 8	0°36	n.a.	S 9
S 10	0 23 46	4°37'24	12°59	27°17	17°56	23°43	20°42	10°42	22°10	6°24	20°43	24°22	25° 5	0°43	n.a.	S 10
M11	0 27 42	5°38'14	24°58	28°53	18°55	24°29	20°55	10°45	22° 8	6°23	20°43	24°21	25° 2	0°49	n.a.	M11
T 12	0 31 39	6°39'05	7♌ 6	0♎29	19°54	25°15	21° 8	10°47	22° 7	6°21	20°43	24°19	24°59	0°56	n.a.	T 12
W13	0 35 35	7°39'58	19°29	2° 5	20°54	26° 2	21°21	10°50	22° 5	6°19	20°43	24°17	24°56	1° 3	n.a.	W13
T 14	0 39 32	8°40'52	2♍ 8	3°41	21°54	26°48	21°34	10°52	22° 3	6°18	20°42	24°14	24°52	1°10	n.a.	T 14
F 15	0 43 28	9°41'48	15° 6	5°16	22°55	27°34	21°47	10°54	22° 2	6°16	20°42	24°12	24°49	1°16	n.a.	F 15
S 16	0 47 25	10°42'46	28°24	6°51	23°56	28°20	22° 0	10°57	22° 0	6°14	20°42	24°10	24°46	1°23	n.a.	S 16
S 17	0 51 21	11°43'44	11♎59	8°27	24°58	29° 7	22°13	10°59	21°58	6°13	20°D42	24° 9	24°43	1°30	n.a.	S 17
M18	0 55 18	12°44'44	25°51	10° 2	26° 0	29°53	22°26	11° 1	21°56	6°11	20°42	24°D 9	24°40	1°36	n.a.	M18
T 19	0 59 15	13°45'45	9♏56	11°36	27° 2	0♐39	22°38	11° 2	21°54	6° 9	20°42	24° 9	24°36	1°43	n.a.	T 19
W20	1 3 11	14°46'48	24° 9	13°11	28° 5	1°26	22°51	11° 4	21°53	6° 7	20°42	24°10	24°33	1°50	n.a.	W20
T 21	1 7 8	15°47'51	8♐27	14°46	29° 8	2°12	23° 4	11° 6	21°51	6° 6	20°42	24°11	24°30	1°57	n.a.	T 21
F 22	1 11 4	16°48'55	22°45	16°21	0♑11	2°59	23°17	11° 7	21°49	6° 4	20°43	24°11	24°27	2° 3	n.a.	F 22
S 23	1 15 1	17°50'00	7♑ 2	17°55	1°15	3°45	23°29	11° 8	21°47	6° 2	20°43	24°12	24°24	2°10	n.a.	S 23
S 24	1 18 57	18°51'06	21°12	19°29	2°19	4°32	23°42	11°10	21°45	6° 1	20°43	24°R12	24°21	2°17	n.a.	S 24
M25	1 22 54	19°52'12	5♒16	21° 4	3°24	5°19	23°55	11°11	21°43	5°59	20°43	24°12	24°17	2°23	n.a.	M25
T 26	1 26 51	20°53'19	19°11	22°38	4°28	6° 5	24° 7	11°12	21°41	5°58	20°43	24°12	24°14	2°30	n.a.	T 26
W27	1 30 47	21°54'27	2♓55	24°12	5°33	6°52	24°20	11°13	21°38	5°56	20°43	24°11	24°11	2°37	n.a.	W27
T 28	1 34 44	22°55'35	16°28	25°47	6°39	7°38	24°32	11°14	21°36	5°54	20°44	24°11	24° 8	2°44	n.a.	T 28
F 29	1 38 40	23°56'44	29°49	27°21	7°44	8°25	24°45	11°14	21°34	5°53	20°44	24°D11	24° 5	2°50	n.a.	F 29
S 30	1 42 37	24°57'53	12♈56	28°55	8°50	9°12	24°57	11°15	21°32	5°51	20°44	24°11	24° 2	2°57	n.a.	S 30
S 31	1 46 33	25♎59'04	25♈49	0♏30	9♍56	9♐58	25♍ 9	11♋15	21♉30	5♈49	20♑45	24°R11	23♎58	3♋ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n49	1s 4	2n53	8n32	1n48	17n 3	1s10	18s21	1s15	5n41	1n14	23n56	0n28	18n35	0s 6	0n43	2s 9	35s 4	13s 2	9s36	10s 3	19n14		n.a.
S 2	1 24	3n23	1 47	7 50	1 44	16 56	1 2	18 35	1 15	5 35	1 14	23 55	0 28	18 35	0 6	0 43	2 9	35 4	13 1	9 35	10 2	19 13		n.a.
S 3	1 0	7 34	0 37	7 8	1 39	16 49	0 54	18 48	1 15	5 30	1 14	23 55	0 28	18 34	0 6	0 42	2 9	35 4	13 1	9 34	10 1	19 13		n.a.
M 4	0 35	11 17	0s34	6 25	1 34	16 40	0 47	19 1	1 16	5 25	1 15	23 55	0 29	18 34	0 6	0 41	2 9	35 4	13 1	9 34	10 0	19 12		n.a.
T 5	0 11	14 24	1 41	5 42	1 29	16 31	0 40	19 14	1 16	5 20	1 15	23 55	0 29	18 34	0 6	0 41	2 9	35 4	13 1	9 34	9 58	19 12		n.a.
W 6	0s14	16 47	2 42	4 58	1 24	16 22	0 33	19 27	1 16	5 14	1 15	23 55	0 29	18 33	0 6	0 40	2 9	35 4	13 0	9 35	9 57	19 12		n.a.
T 7	0 38	18 22	3 35	4 14	1 18	16 12	0 26	19 40	1 16	5 9	1 15	23 55	0 29	18 33	0 6	0 39	2 9	35 3	13 0	9 36	9 56	19 11		n.a.
F 8	1 3	19 7	4 18	3 30	1 12	16 1	0 19	19 52	1 17	5 4	1 15	23 55	0 29	18 33	0 6	0 39	2 9	35 3	13 0	9 36	9 55	19 11		n.a.
S 9	1 28	19 1	4 50	2 46	1 6	15 50	0 12	20 4	1 17	4 59	1 15	23 55	0 29	18 32	0 6	0 38	2 9	35 3	13 0	9 37	9 54	19 10		n.a.
S 10	1 52	18 5	5 9	2 1	1 0	15 38	0 5	20 16	1 17	4 53	1 15	23 55	0 30	18 32	0 6	0 37	2 9	35 3	12 59	9 36	9 52	19 10		n.a.
M11	2 17	16 20	5 16	1 17	0 54	15 26	0n 1	20 28	1 17	4 48	1 15	23 54	0 30	18 32	0 6	0 37	2 9	35 2	12 59	9 36	9 51	19 10		n.a.
T 12	2 41	13 52	5 8	0 32	0 48	15 13	0 7	20 40	1 17	4 43	1 15	23 54	0 30	18 31	0 6	0 36	2 9	35 2	12 59	9 35	9 50	19 9		n.a.
W13	3 6	10 43	4 46	0s13	0 41	14 59	0 13	20 51	1 18	4 38	1 15	23 54	0 30	18 31	0 6	0 35	2 9	35 2	12 58	9 34	9 49	19 9		n.a.
T 14	3 30	7 1	4 9	0 57	0 35	14 45	0 19	21 3	1 18	4 33	1 15	23 54	0 30	18 30	0 6	0 34	2 9	35 2	12 58	9 33	9 48	19 8		n.a.
F 15	3 54	2 55	3 20	1 42	0 29	14 31	0 25	21 14	1 18	4 27	1 15	23 54	0 30	18 30	0 6	0 34	2 9	35 1	12 58	9 33	9 47	19 8		n.a.
S 16	4 19	1s27	2 18	2 26	0 22	14 15	0 31	21 24	1 18	4 22	1 15	23 54	0 30	18 29	0 6	0 33	2 9	35 1	12 58	9 32	9 45	19 8		n.a.
S 17	4 43	5 51	1 7	3 10	0 16	14 0	0 36	21 35	1 18	4 17	1 15	23 54	0 31	18 29	0 6	0 32	2 9	35 1	12 57	9 32	9 44	19 7		n.a.
M18	5 7	10 1	0n 9	3 54	0 9	13 44	0 42	21 45	1 18	4 12	1 15	23 54	0 31	18 28	0 6	0 32	2 9	35 1	12 57	9 31	9 43	19 7		n.a.
T 19	5 31	13 41	1 26	4 38	0 2	13 27	0 47	21 56	1 19	4 7	1 15	23 54	0 31	18 28	0 6	0 31	2 9	35 0	12 57	9 32	9 42	19 6		n.a.
W20	5 55	16 34	2 39	5 21	0s 4	13 10	0 52	22 6	1 19	4 2	1 15	23 54	0 31	18 27	0 6	0 30	2 9	35 0	12 57	9 32	9 41	19 6		n.a.
T 21	6 19	18 27	3 42	6 5	0 10	12 52	0 57	22 15	1 19	3 57	1 15	23 54	0 31	18 27	0 6	0 30	2 9	35 0	12 56	9 32	9 39	19 5		n.a.
F 22	6 43	19 9	4 31	6 48	0 17	12 34	1 2	22 25	1 19	3 52	1 15	23 54	0 31	18 26	0 6	0 29	2 9	34 59	12 56	9 32	9 38	19 5		n.a.
S 23	7 7	18 37	5 3	7 30	0 23	12 15	1 6	22 34	1 19	3 46	1 15	23 54	0 31	18 26	0 6	0 28	2 9	34 59	12 56	9 33	9 37	19 5		n.a.
S 24	7 31	16 56	5 17	8 13	0 30	11 56	1 11	22 43	1 19	3 41	1 15	23 54	0 32	18 25	0 6	0 28	2 9	34 59	12 55	9 33	9 36	19 4		n.a.
M25	7 54	14 15	5 11	8 55	0 36	11 36	1 15	22 52	1 19	3 36	1 15	23 54	0 32	18 25	0 6	0 27	2 9	34 58	12 55	9 33	9 35	19 4		n.a.
T 26	8 18	10 47	4 48	9 36	0 42	11 16	1 19	23 0	1 19	3 31	1 15	23 54	0 32	18 24	0 6	0 27	2 9	34 58	12 55	9 32	9 33	19 3		n.a.
W27	8 41	6 46	4 8	10 17	0 48	10 55	1 23	23 8	1 19	3 26	1 15	23 55	0 32	18 24	0 6	0 26	2 9	34 58	12 55	9 32	9 32	19 3		n.a.
T 28	9 4	2 27	3 14	10 58	0 54	10 34	1 27	23 16	1 19	3 21	1 15	23 55	0 32	18 23	0 6	0 25	2 9	34 58	12 54	9 32	9 31	19 2		n.a.
F 29	9 27	1n55	2 11	11 38	1 0	10 13	1 31	23 24	1 20	3 17	1 16	23 55	0 32	18 23	0 6	0 25	2 9	34 57	12 54	9 32	9 30	19 2		n.a.
S 30	9 50	6 9	1 2	12 18	1 6	9 51	1 35	23 32	1 20	3 12	1 16	23 55	0 33	18 22	0 6	0 24	2 9	34 57	12 54	9 32	9 29	19 1		n.a.
S 31	10s12	10n 0	0s 9	12s57	1s11	9n29	1n38	23s39	1s20	3n 7	1n16	23n55	0n33	18n21	0s 6	0n23	2s 9	34s57	12s53	9s32	9s28	19n 1		n.a.

Julian Day Number = 1205963.5, Delta T = 09h17m46s
Ecliptic obliquity = 23°51'32, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'55, Lahiri = -23°25'54 Julian Calendar 1 Oct. 1412 BCE == Greg. Calendar 18 Sept. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

NOVEMBER 1412 BCE (-1411) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 50 30	27♎ 0'15	8♉28	2♏ 4	11♍ 3	10♐45	25♍22	11♋16	21°R27	5°R48	20♑45	24°R11	23♎55	3♋10	n.a.	M 1
T 2	1 54 26	28° 1'26	20°53	3°39	12°10	11°32	25°34	11°16	21♉25	5♈46	20°45	24♎11	23°52	3°17	n.a.	T 2
W 3	1 58 23	29° 2'39	3♊ 7	5°13	13°16	12°18	25°46	11°16	21°23	5°45	20°46	24°10	23°49	3°24	n.a.	W 3
T 4	2 2 20	0♏ 3'53	15°10	6°48	14°24	13° 5	25°58	11°R16	21°20	5°43	20°46	24° 9	23°46	3°31	n.a.	T 4
F 5	2 6 16	1° 5'07	27° 6	8°23	15°31	13°52	26°10	11°16	21°18	5°42	20°47	24° 8	23°42	3°37	n.a.	F 5
S 6	2 10 13	2° 6'22	8♋58	9°58	16°39	14°39	26°22	11°16	21°16	5°40	20°47	24° 8	23°39	3°44	n.a.	S 6
S 7	2 14 9	3° 7'38	20°50	11°33	17°47	15°25	26°34	11°16	21°13	5°39	20°48	24° 7	23°36	3°51	n.a.	S 7
M 8	2 18 6	4° 8'54	2♌46	13° 8	18°55	16°12	26°46	11°15	21°11	5°37	20°48	24°D 7	23°33	3°57	n.a.	M 8
T 9	2 22 2	5°10'11	14°52	14°43	20° 3	16°59	26°58	11°15	21° 8	5°36	20°49	24° 7	23°30	4° 4	n.a.	T 9
W10	2 25 59	6°11'29	27°12	16°18	21°11	17°46	27°10	11°14	21° 6	5°34	20°49	24° 7	23°27	4°11	n.a.	W10
T 11	2 29 55	7°12'48	9♍50	17°53	22°20	18°33	27°21	11°13	21° 3	5°33	20°50	24° 9	23°23	4°18	n.a.	T 11
F 12	2 33 52	8°14'07	22°50	19°28	23°29	19°20	27°33	11°13	21° 1	5°32	20°51	24°10	23°20	4°24	n.a.	F 12
S 13	2 37 49	9°15'26	6♎14	21° 3	24°38	20° 6	27°44	11°12	20°58	5°30	20°51	24°11	23°17	4°31	n.a.	S 13
S 14	2 41 45	10°16'46	20° 2	22°38	25°47	20°53	27°56	11°11	20°56	5°29	20°52	24°R12	23°14	4°38	n.a.	S 14
M15	2 45 42	11°18'06	4♏13	24°13	26°56	21°40	28° 7	11° 9	20°53	5°28	20°53	24°11	23°11	4°44	n.a.	M15
T 16	2 49 38	12°19'26	18°43	25°47	28° 6	22°27	28°19	11° 8	20°51	5°26	20°53	24°10	23° 8	4°51	n.a.	T 16
W17	2 53 35	13°20'47	3♐26	27°22	29°16	23°14	28°30	11° 7	20°48	5°25	20°54	24° 8	23° 4	4°58	n.a.	W17
T 18	2 57 31	14°22'07	18°14	28°55	0♎25	24° 1	28°41	11° 5	20°46	5°24	20°55	24° 5	23° 1	5° 5	n.a.	T 18
F 19	3 1 28	15°23'27	3♑ 0	0♐29	1°35	24°47	28°52	11° 4	20°43	5°23	20°56	24° 2	22°58	5°11	n.a.	F 19
S 20	3 5 24	16°24'47	17°36	2° 1	2°45	25°34	29° 3	11° 2	20°40	5°21	20°57	24° 0	22°55	5°18	n.a.	S 20
S 21	3 9 21	17°26'07	1♒58	3°33	3°56	26°21	29°14	11° 0	20°38	5°20	20°57	23°58	22°52	5°25	n.a.	S 21
M22	3 13 18	18°27'26	16° 4	5° 3	5° 6	27° 8	29°25	10°58	20°35	5°19	20°58	23°D57	22°48	5°31	n.a.	M22
T 23	3 17 14	19°28'45	29°50	6°32	6°16	27°55	29°35	10°56	20°33	5°18	20°59	23°58	22°45	5°38	n.a.	T 23
W24	3 21 11	20°30'03	13♓19	7°59	7°27	28°42	29°46	10°54	20°30	5°17	21° 0	23°59	22°42	5°45	n.a.	W24
T 25	3 25 7	21°31'21	26°31	9°24	8°38	29°29	29°57	10°52	20°27	5°16	21° 1	24° 0	22°39	5°52	n.a.	T 25
F 26	3 29 4	22°32'38	9♈28	10°47	9°48	0♑15	0♎ 7	10°49	20°25	5°15	21° 2	24° 2	22°36	5°58	n.a.	F 26
S 27	3 33 0	23°33'54	22°12	12° 7	10°59	1° 2	0°17	10°47	20°22	5°14	21° 3	24°R 3	22°33	6° 5	n.a.	S 27
S 28	3 36 57	24°35'10	4♉44	13°23	12°10	1°49	0°28	10°45	20°20	5°13	21° 4	24° 2	22°29	6°12	n.a.	S 28
M29	3 40 54	25°36'26	17° 6	14°35	13°21	2°36	0°38	10°42	20°17	5°12	21° 5	24° 0	22°26	6°19	n.a.	M29
T 30	3 44 50	26♏37'41	29♉19	15♐42	14♎32	3♑23	0♎48	10♋39	20♉14	5♈11	21♑ 6	23♎56	22♎23	6♋25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s35	13n20	1s18	13s36	1s17	9n 7	1n41	23s46	1s20	3n 2	1n16	23n55	0n33	18n21	0s 6	0n23	2s 9	34s56	12s53	9s32	9s26	19n 0		n.a.
T 2	10 57	16 0	2 23	14 14	1 22	8 44	1 45	23 52	1 20	2 57	1 16	23 55	0 33	18 20	0 6	0 22	2 9	34 56	12 53	9 32	9 25	19 0		n.a.
W 3	11 19	17 53	3 20	14 51	1 27	8 20	1 48	23 59	1 20	2 52	1 16	23 55	0 33	18 20	0 6	0 22	2 9	34 56	12 53	9 32	9 24	19 0		n.a.
T 4	11 41	18 56	4 7	15 28	1 32	7 57	1 51	24 5	1 20	2 47	1 16	23 55	0 33	18 19	0 6	0 21	2 9	34 55	12 52	9 32	9 23	18 59		n.a.
F 5	12 3	19 7	4 43	16 4	1 37	7 33	1 53	24 11	1 20	2 42	1 16	23 56	0 33	18 18	0 6	0 20	2 8	34 55	12 52	9 31	9 22	18 59		n.a.
S 6	12 25	18 28	5 6	16 39	1 41	7 8	1 56	24 16	1 20	2 38	1 16	23 56	0 34	18 18	0 6	0 20	2 8	34 54	12 52	9 31	9 20	18 58		n.a.
S 7	12 46	17 0	5 16	17 13	1 45	6 44	1 59	24 22	1 20	2 33	1 16	23 56	0 34	18 17	0 6	0 19	2 8	34 54	12 52	9 31	9 19	18 58		n.a.
M 8	13 7	14 48	5 13	17 47	1 49	6 19	2 1	24 27	1 20	2 28	1 16	23 56	0 34	18 17	0 6	0 19	2 8	34 54	12 51	9 31	9 18	18 57		n.a.
T 9	13 28	11 56	4 56	18 20	1 53	5 53	2 3	24 32	1 19	2 24	1 16	23 56	0 34	18 16	0 6	0 18	2 8	34 53	12 51	9 31	9 17	18 57		n.a.
W10	13 49	8 30	4 26	18 51	1 56	5 28	2 5	24 36	1 19	2 19	1 17	23 57	0 34	18 15	0 6	0 18	2 8	34 53	12 51	9 31	9 16	18 56		n.a.
T 11	14 10	4 36	3 42	19 22	1 59	5 2	2 7	24 40	1 19	2 14	1 17	23 57	0 34	18 15	0 6	0 17	2 8	34 53	12 50	9 31	9 14	18 56		n.a.
F 12	14 30	0 22	2 45	19 51	2 2	4 36	2 9	24 44	1 19	2 10	1 17	23 57	0 35	18 14	0 6	0 17	2 8	34 52	12 50	9 32	9 13	18 55		n.a.
S 13	14 50	4s 0	1 38	20 20	2 4	4 10	2 11	24 48	1 19	2 5	1 17	23 57	0 35	18 13	0 6	0 16	2 8	34 52	12 50	9 32	9 12	18 55		n.a.
S 14	15 10	8 19	0 23	20 47	2 6	3 43	2 12	24 51	1 19	2 1	1 17	23 58	0 35	18 13	0 6	0 16	2 8	34 52	12 50	9 32	9 11	18 54		n.a.
M15	15 29	12 17	0n55	21 13	2 8	3 17	2 14	24 54	1 19	1 56	1 17	23 58	0 35	18 12	0 6	0 15	2 8	34 51	12 49	9 32	9 10	18 54		n.a.
T 16	15 48	15 36	2 11	21 38	2 9	2 50	2 15	24 57	1 19	1 52	1 17	23 58	0 35	18 11	0 6	0 15	2 8	34 51	12 49	9 32	9 8	18 53		n.a.
W17	16 7	17 56	3 20	22 1	2 10	2 23	2 16	25 0	1 19	1 47	1 17	23 58	0 35	18 11	0 6	0 14	2 8	34 50	12 49	9 31	9 7	18 53		n.a.
T 18	16 26	19 5	4 16	22 23	2 10	1 55	2 17	25 2	1 19	1 43	1 17	23 59	0 36	18 10	0 6	0 14	2 8	34 50	12 49	9 30	9 6	18 52		n.a.
F 19	16 44	18 56	4 54	22 43	2 10	1 28	2 18	25 4	1 19	1 38	1 18	23 59	0 36	18 9	0 6	0 13	2 8	34 50	12 48	9 29	9 5	18 51		n.a.
S 20	17 2	17 31	5 13	23 2	2 9	1 0	2 19	25 5	1 18	1 34	1 18	23 59	0 36	18 8	0 6	0 13	2 8	34 49	12 48	9 28	9 4	18 51		n.a.
S 21	17 20	15 0	5 12	23 19	2 7	0 33	2 20	25 7	1 18	1 30	1 18	24 0	0 36	18 8	0 6	0 12	2 8	34 49	12 48	9 27	9 2	18 50		n.a.
M22	17 37	11 40	4 52	23 34	2 5	0 5	2 21	25 8	1 18	1 26	1 18	24 0	0 36	18 7	0 6	0 12	2 8	34 49	12 48	9 27	9 1	18 50		n.a.
T 23	17 54	7 45	4 15	23 47	2 2	0s23	2 21	25 8	1 18	1 21	1 18	24 0	0 36	18 6	0 6	0 12	2 8	34 48	12 47	9 27	9 0	18 49		n.a.
W24	18 11	3 31	3 25	23 58	1 58	0 51	2 21	25 9	1 18	1 17	1 18	24 0	0 36	18 6	0 6	0 11	2 8	34 48	12 47	9 28	8 59	18 49		n.a.
T 25	18 28	0n48	2 25	24 7	1 54	1 19	2 22	25 9	1 18	1 13	1 18	24 1	0 37	18 5	0 6	0 11	2 8	34 47	12 47	9 28	8 58	18 48		n.a.
F 26	18 44	5 1	1 19	24 14	1 48	1 47	2 22	25 9	1 17	1 9	1 19	24 1	0 37	18 4	0 6	0 10	2 8	34 47	12 47	9 29	8 56	18 48		n.a.
S 27	18 59	8 57	0 10	24 19	1 42	2 15	2 22	25 8	1 17	1 5	1 19	24 2	0 37	18 4	0 6	0 10	2 7	34 47	12 46	9 29	8 55	18 47		n.a.
S 28	19 15	12 25	0s58	24 22	1 34	2 43	2 22	25 8	1 17	1 1	1 19	24 2	0 37	18 3	0 6	0 10	2 7	34 46	12 46	9 29	8 54	18 47		n.a.
M29	19 30	15 16	2 3	24 22	1 26	3 12	2 21	25 7	1 17	0 57	1 19	24 2	0 37	18 2	0 6	0 9	2 7	34 46	12 46	9 28	8 53	18 46		n.a.
T 30	19s45	17n25	3s 1	24s21	1s16	3s40	2n21	25s 5	1s17	0n53	1n19	24n 3	0n37	18n 2	0s 6	0n 9	2s 7	34s45	12s46	9s27	8s52	18n45		n.a.

Julian Day Number = 1205994.5, Delta T = 09h17m44s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'51, Lahiri = -23°25'50 Julian Calendar 1 Nov. 1412 BCE == Greg. Calendar 19 Oct. 1412 BCE

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ASTRODIENST EPHEMERIS for the year 1412 BCE
geocentric

DECEMBER 1412 BCE (-1411) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 48 47	27♏38'56	11♊25	16♐44	15♎44	4♑ 9	0♎58	10°R36	20°R12	5°R10	21♑ 7	23°R51	22♎20	6♋32	n.a.	W 1
T 2	3 52 43	28°40'10	23°24	17°39	16°55	4°56	1° 8	10♋34	20♉ 9	5♈ 9	21° 8	23♎44	22°17	6°39	n.a.	T 2
F 3	3 56 40	29°41'24	5♋18	18°27	18° 7	5°43	1°17	10°31	20° 7	5° 8	21° 9	23°37	22°13	6°45	n.a.	F 3
S 4	4 0 36	0♐42'38	17°10	19° 7	19°18	6°30	1°27	10°27	20° 4	5° 7	21°10	23°30	22°10	6°52	n.a.	S 4
S 5	4 4 33	1°43'50	29° 2	19°38	20°30	7°16	1°37	10°24	20° 2	5° 7	21°12	23°25	22° 7	6°59	n.a.	S 5
M 6	4 8 29	2°45'03	10♌57	19°59	21°42	8° 3	1°46	10°21	19°59	5° 6	21°13	23°20	22° 4	7° 6	n.a.	M 6
T 7	4 12 26	3°46'15	23° 0	20°R 9	22°53	8°50	1°55	10°18	19°57	5° 5	21°14	23°18	22° 1	7°12	n.a.	T 7
W 8	4 16 23	4°47'26	5♍15	20° 8	24° 5	9°36	2° 5	10°14	19°54	5° 4	21°15	23°D17	21°58	7°19	n.a.	W 8
T 9	4 20 19	5°48'37	17°47	19°56	25°17	10°23	2°14	10°11	19°52	5° 4	21°16	23°18	21°54	7°26	n.a.	T 9
F 10	4 24 16	6°49'48	0♎40	19°32	26°29	11°10	2°23	10° 7	19°49	5° 3	21°18	23°19	21°51	7°32	n.a.	F 10
S 11	4 28 12	7°50'58	13°59	18°56	27°41	11°56	2°31	10° 4	19°47	5° 2	21°19	23°20	21°48	7°39	n.a.	S 11
S 12	4 32 9	8°52'07	27°46	18°10	28°53	12°43	2°40	10° 0	19°44	5° 2	21°20	23°R21	21°45	7°46	n.a.	S 12
M13	4 36 5	9°53'15	12♏ 2	17°15	0♏ 6	13°29	2°49	9°56	19°42	5° 1	21°21	23°19	21°42	7°53	n.a.	M13
T 14	4 40 2	10°54'23	26°43	16°11	1°18	14°16	2°57	9°52	19°40	5° 1	21°23	23°15	21°39	7°59	n.a.	T 14
W15	4 43 59	11°55'30	11♐43	15° 1	2°30	15° 3	3° 6	9°48	19°37	5° 0	21°24	23° 9	21°35	8° 6	n.a.	W15
T 16	4 47 55	12°56'36	26°54	13°47	3°43	15°49	3°14	9°44	19°35	5° 0	21°25	23° 2	21°32	8°13	n.a.	T 16
F 17	4 51 52	13°57'40	12♑ 6	12°31	4°55	16°36	3°22	9°40	19°33	5° 0	21°27	22°54	21°29	8°19	n.a.	F 17
S 18	4 55 48	14°58'43	27° 7	11°16	6° 8	17°22	3°30	9°36	19°30	4°59	21°28	22°46	21°26	8°26	n.a.	S 18
S 19	4 59 45	15°59'45	11♒49	10° 3	7°20	18° 9	3°38	9°32	19°28	4°59	21°29	22°39	21°23	8°33	n.a.	S 19
M20	5 3 41	17° 0'46	26° 8	8°55	8°33	18°55	3°46	9°28	19°26	4°59	21°31	22°35	21°19	8°40	n.a.	M20
T 21	5 7 38	18° 1'44	10♓ 0	7°52	9°45	19°41	3°53	9°23	19°24	4°58	21°32	22°33	21°16	8°46	n.a.	T 21
W22	5 11 34	19° 2'42	23°27	6°57	10°58	20°28	4° 1	9°19	19°21	4°58	21°34	22°D33	21°13	8°53	n.a.	W22
T 23	5 15 31	20° 3'37	6♈31	6°10	12°10	21°14	4° 8	9°15	19°19	4°58	21°35	22°34	21°10	9° 0	n.a.	T 23
F 24	5 19 28	21° 4'31	19°16	5°31	13°23	22° 0	4°15	9°10	19°17	4°58	21°37	22°R34	21° 7	9° 7	n.a.	F 24
S 25	5 23 24	22° 5'24	1♉45	5° 1	14°36	22°47	4°22	9° 6	19°15	4°58	21°38	22°34	21° 4	9°13	n.a.	S 25
S 26	5 27 21	23° 6'15	14° 2	4°39	15°49	23°33	4°29	9° 1	19°13	4°58	21°39	22°32	21° 0	9°20	n.a.	S 26
M27	5 31 17	24° 7'04	26°10	4°26	17° 1	24°19	4°36	8°57	19°11	4°57	21°41	22°27	20°57	9°27	n.a.	M27
T 28	5 35 14	25° 7'51	8♊12	4°D20	18°14	25° 5	4°42	8°52	19° 9	4°D57	21°42	22°19	20°54	9°33	n.a.	T 28
W29	5 39 10	26° 8'38	20°10	4°22	19°27	25°51	4°49	8°48	19° 7	4°57	21°44	22° 8	20°51	9°40	n.a.	W29
T 30	5 43 7	27° 9'22	2♋ 4	4°31	20°40	26°38	4°55	8°43	19° 5	4°58	21°45	21°56	20°48	9°47	n.a.	T 30
F 31	5 47 4	28♐10'05	13♋57	4♐47	21♏53	27♑24	5♎ 1	8♋38	19♉ 3	4♈58	21♑47	21♎43	20♎45	9♋54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	19s59	18n45	3s50	24s16	1s 6	4s 8	2n21	25s 4	1s16	0n49	1n19	24n 3	0n38	18n 1	0s 6	0n 9	2s 7	34s45	12s46	9s25	8s50	18n45			n.a.
T 2	20 13	19 13	4 28	24 10	0 54	4 36	2 20	25 2	1 16	0 45	1 19	24 3	0 38	18 0	0 6	0 8	2 7	34 45	12 45	9 22	8 49	18 44			n.a.
F 3	20 26	18 50	4 55	24 2	0 41	5 5	2 20	25 0	1 16	0 41	1 20	24 4	0 38	17 59	0 6	0 8	2 7	34 44	12 45	9 20	8 48	18 44			n.a.
S 4	20 39	17 38	5 8	23 51	0 27	5 33	2 19	24 57	1 16	0 38	1 20	24 4	0 38	17 59	0 6	0 8	2 7	34 44	12 45	9 17	8 47	18 43			n.a.
S 5	20 52	15 41	5 9	23 38	0 12	6 1	2 18	24 55	1 15	0 34	1 20	24 5	0 38	17 58	0 6	0 8	2 7	34 43	12 45	9 15	8 46	18 43			n.a.
M 6	21 4	13 3	4 56	23 23	0n 5	6 29	2 17	24 52	1 15	0 30	1 20	24 5	0 38	17 57	0 6	0 7	2 7	34 43	12 45	9 13	8 44	18 42			n.a.
T 7	21 16	9 51	4 30	23 7	0 22	6 57	2 16	24 48	1 15	0 27	1 20	24 5	0 38	17 57	0 6	0 7	2 7	34 43	12 44	9 12	8 43	18 41			n.a.
W 8	21 28	6 10	3 51	22 49	0 41	7 25	2 15	24 45	1 15	0 23	1 20	24 6	0 39	17 56	0 6	0 7	2 7	34 42	12 44	9 12	8 42	18 41			n.a.
T 9	21 39	2 9	3 1	22 29	0 59	7 53	2 14	24 41	1 14	0 20	1 21	24 6	0 39	17 55	0 6	0 7	2 7	34 42	12 44	9 12	8 41	18 40			n.a.
F 10	21 50	2s 6	2 0	22 8	1 19	8 20	2 13	24 37	1 14	0 16	1 21	24 7	0 39	17 55	0 5	0 7	2 7	34 41	12 44	9 13	8 40	18 40			n.a.
S 11	22 0	6 23	0 50	21 46	1 38	8 48	2 11	24 32	1 14	0 13	1 21	24 7	0 39	17 54	0 5	0 6	2 7	34 41	12 44	9 13	8 38	18 39			n.a.
S 12	22 10	10 30	0n24	21 23	1 57	9 15	2 10	24 27	1 13	0 9	1 21	24 8	0 39	17 53	0 5	0 6	2 7	34 41	12 43	9 13	8 37	18 38			n.a.
M13	22 19	14 8	1 39	20 59	2 15	9 42	2 8	24 22	1 13	0 6	1 21	24 8	0 39	17 53	0 5	0 6	2 6	34 40	12 43	9 13	8 36	18 38			n.a.
T 14	22 28	17 0	2 50	20 36	2 32	10 9	2 7	24 17	1 13	0 3	1 21	24 8	0 39	17 52	0 5	0 6	2 6	34 40	12 43	9 11	8 35	18 37			n.a.
W15	22 37	18 47	3 51	20 13	2 48	10 36	2 5	24 12	1 13	0s 0	1 22	24 9	0 40	17 52	0 5	0 6	2 6	34 39	12 43	9 9	8 34	18 37			n.a.
T 16	22 45	19 14	4 36	19 51	3 2	11 3	2 3	24 6	1 12	0 4	1 22	24 9	0 40	17 51	0 5	0 6	2 6	34 39	12 43	9 6	8 32	18 36			n.a.
F 17	22 53	18 18	5 1	19 30	3 14	11 29	2 1	24 0	1 12	0 7	1 22	24 10	0 40	17 50	0 5	0 6	2 6	34 39	12 43	9 3	8 31	18 35			n.a.
S 18	23 0	16 6	5 6	19 10	3 23	11 55	2 0	23 53	1 12	0 10	1 22	24 10	0 40	17 50	0 5	0 6	2 6	34 38	12 43	9 0	8 30	18 35			n.a.
S 19	23 6	12 54	4 50	18 53	3 30	12 21	1 58	23 47	1 11	0 13	1 22	24 11	0 40	17 49	0 5	0 5	2 6	34 38	12 42	8 58	8 29	18 34			n.a.
M20	23 13	9 1	4 16	18 39	3 34	12 47	1 56	23 40	1 11	0 16	1 23	24 11	0 40	17 48	0 5	0 5	2 6	34 38	12 42	8 56	8 27	18 34			n.a.
T 21	23 18	4 45	3 28	18 27	3 37	13 12	1 53	23 33	1 11	0 19	1 23	24 11	0 40	17 48	0 5	0 5	2 6	34 37	12 42	8 55	8 26	18 33			n.a.
W22	23 24	0 22	2 30	18 17	3 37	13 37	1 51	23 25	1 10	0 21	1 23	24 12	0 41	17 47	0 5	0 5	2 6	34 37	12 42	8 55	8 25	18 32			n.a.
T 23	23 29	3n56	1 25	18 11	3 35	14 2	1 49	23 18	1 10	0 24	1 23	24 12	0 41	17 47	0 5	0 5	2 6	34 36	12 42	8 56	8 24	18 32			n.a.
F 24	23 33	7 56	0 18	18 8	3 31	14 26	1 47	23 10	1 9	0 27	1 23	24 13	0 41	17 46	0 5	0 5	2 6	34 36	12 42	8 56	8 23	18 31			n.a.
S 25	23 37	11 31	0s49	18 8	3 26	14 50	1 44	23 2	1 9	0 29	1 23	24 13	0 41	17 46	0 5	0 5	2 6	34 36	12 42	8 56	8 21	18 30			n.a.
S 26	23 40	14 33	1 52	18 10	3 20	15 14	1 42	22 53	1 9	0 32	1 24	24 14	0 41	17 45	0 5	0 5	2 6	34 35	12 41	8 55	8 20	18 30			n.a.
M27	23 43	16 54	2 49	18 15	3 12	15 37	1 40	22 45	1 8	0 35	1 24	24 14	0 41	17 44	0 5	0 5	2 5	34 35	12 41	8 53	8 19	18 29			n.a.
T 28	23 46	18 28	3 38	18 22	3 4	16 0	1 37	22 36	1 8	0 37	1 24	24 15	0 41	17 44	0 5	0 5	2 5	34 35	12 41	8 50	8 18	18 28			n.a.
W29	23 48	19 13	4 17	18 31	2 55	16 23	1 35	22 27	1 7	0 39	1 24	24 15	0 41	17 43	0 5	0 6	2 5	34 34	12 41	8 46	8 17	18 28			n.a.
T 30	23 50	19 6	4 44	18 42	2 46	16 45	1 32	22 18	1 7	0 42	1 25	24 15	0 42	17 43	0 5	0 6	2 5	34 34	12 41	8 41	8 15	18 27			n.a.
F 31	23s51	18n 9	4s59	18s55	2n36	17s 7	1n29	22s 8	1s 7	0s44	1n25	24n16	0n42	17n42	0s 5	0n 6	2s 5	34s33	12s41	8s36	8s14	18n27			n.a.

Julian Day Number = 1206024.5, Delta T = 09h17m43s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'46, Lahiri = -23°25'46 Julian Calendar 1 Dec. 1412 BCE == Greg. Calendar 18 Nov. 1412 BCE

The year -1411 astronomical counting style corresponds to year 1412 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

JANUARY 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 51 0	29♐10'47	25♋49	5♐ 8	23♏ 6	28♑10	5♎ 7	8°R33	19°R 2	4♈58	21♑48	21°R30	20♎41	10♋ 0	n.a.	S 1
S 2	5 54 57	0♑11'27	7♌43	5°36	24°19	28°56	5°13	8♋29	19♉ 0	4°58	21°50	21♎18	20°38	10° 7	n.a.	S 2
M 3	5 58 53	1°12'06	19°40	6° 8	25°32	29°42	5°18	8°24	18°58	4°58	21°52	21° 8	20°35	10°14	n.a.	M 3
T 4	6 2 50	2°12'43	1♍44	6°46	26°45	0♒28	5°24	8°19	18°56	4°58	21°53	21° 1	20°32	10°20	n.a.	T 4
W 5	6 6 46	3°13'18	13°58	7°27	27°58	1°14	5°29	8°14	18°55	4°59	21°55	20°57	20°29	10°27	n.a.	W 5
T 6	6 10 43	4°13'52	26°26	8°13	29°11	1°59	5°34	8°10	18°53	4°59	21°56	20°56	20°25	10°34	n.a.	T 6
F 7	6 14 39	5°14'25	9♎13	9° 2	0♐24	2°45	5°39	8° 5	18°52	4°59	21°58	20°D55	20°22	10°41	n.a.	F 7
S 8	6 18 36	6°14'56	22°23	9°55	1°37	3°31	5°44	8° 0	18°50	5° 0	21°59	20°R56	20°19	10°47	n.a.	S 8
S 9	6 22 33	7°15'26	6♏ 1	10°51	2°50	4°17	5°49	7°55	18°49	5° 0	22° 1	20°55	20°16	10°54	n.a.	S 9
M10	6 26 29	8°15'55	20° 7	11°49	4° 3	5° 3	5°53	7°50	18°47	5° 0	22° 3	20°52	20°13	11° 1	n.a.	M10
T 11	6 30 26	9°16'21	4♐42	12°51	5°16	5°48	5°58	7°45	18°46	5° 1	22° 4	20°47	20°10	11° 8	n.a.	T 11
W12	6 34 22	10°16'47	19°42	13°55	6°29	6°34	6° 2	7°41	18°44	5° 1	22° 6	20°39	20° 6	11°14	n.a.	W12
T 13	6 38 19	11°17'10	4♑58	15° 1	7°43	7°20	6° 6	7°36	18°43	5° 2	22° 7	20°28	20° 3	11°21	n.a.	T 13
F 14	6 42 15	12°17'32	20°20	16° 9	8°56	8° 5	6°10	7°31	18°42	5° 2	22° 9	20°17	20° 0	11°28	n.a.	F 14
S 15	6 46 12	13°17'51	5♒35	17°20	10° 9	8°51	6°13	7°26	18°41	5° 3	22°11	20° 6	19°57	11°34	n.a.	S 15
S 16	6 50 8	14°18'09	20°34	18°32	11°22	9°36	6°17	7°21	18°39	5° 4	22°12	19°56	19°54	11°41	n.a.	S 16
M17	6 54 5	15°18'24	5♓ 8	19°46	12°35	10°22	6°20	7°17	18°38	5° 4	22°14	19°49	19°51	11°48	n.a.	M17
T 18	6 58 2	16°18'37	19°12	21° 2	13°49	11° 7	6°23	7°12	18°37	5° 5	22°16	19°45	19°47	11°55	n.a.	T 18
W19	7 1 58	17°18'48	2♈47	22°19	15° 2	11°53	6°26	7° 7	18°36	5° 6	22°17	19°43	19°44	12° 1	n.a.	W19
T 20	7 5 55	18°18'56	15°55	23°38	16°15	12°38	6°29	7° 2	18°35	5° 6	22°19	19°42	19°41	12° 8	n.a.	T 20
F 21	7 9 51	19°19'03	28°39	24°59	17°28	13°23	6°31	6°58	18°34	5° 7	22°20	19°42	19°38	12°15	n.a.	F 21
S 22	7 13 48	20°19'06	11♉ 4	26°20	18°42	14° 9	6°34	6°53	18°34	5° 8	22°22	19°41	19°35	12°22	n.a.	S 22
S 23	7 17 44	21°19'08	23°15	27°44	19°55	14°54	6°36	6°49	18°33	5° 9	22°24	19°38	19°31	12°28	n.a.	S 23
M24	7 21 41	22°19'07	5♊16	29° 8	21° 8	15°39	6°38	6°44	18°32	5°10	22°25	19°32	19°28	12°35	n.a.	M24
T 25	7 25 37	23°19'04	17°11	0♑34	22°21	16°24	6°40	6°39	18°31	5°11	22°27	19°24	19°25	12°42	n.a.	T 25
W26	7 29 34	24°18'59	29° 4	2° 1	23°35	17° 9	6°41	6°35	18°31	5°12	22°29	19°12	19°22	12°48	n.a.	W26
T 27	7 33 30	25°18'52	10♋56	3°30	24°48	17°54	6°43	6°31	18°30	5°13	22°30	18°59	19°19	12°55	n.a.	T 27
F 28	7 37 27	26°18'42	22°48	4°59	26° 1	18°39	6°44	6°26	18°29	5°14	22°32	18°44	19°16	13° 2	n.a.	F 28
S 29	7 41 24	27°18'31	4♌44	6°30	27°15	19°24	6°45	6°22	18°29	5°15	22°34	18°30	19°12	13° 9	n.a.	S 29
S 30	7 45 20	28°18'17	16°43	8° 2	28°28	20° 9	6°46	6°17	18°28	5°16	22°35	18°17	19° 9	13°15	n.a.	S 30
M31	7 49 17	29♑18'01	28♌47	9♑36	29♐41	20♒54	6♎47	6♋13	18♉28	5♈17	22♑37	18♎ 6	19♎ 6	13♋22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	16n25	5s 1	19s 9	2n26	17s28	1n27	21s58	1s 6	0s46	1n25	24n16	0n42	17n42	0s 5	0n 6	2s 5	34s33	12s41	8s31	8s13	18n26		n.a.
S 2	23 51	14 0	4 50	19 24	2 15	17 49	1 24	21 48	1 6	0 48	1 25	24 17	0 42	17 41	0 5	0 6	2 5	34 33	12 41	8 27	8 12	18 25		n.a.
M 3	23 51	10 58	4 26	19 40	2 4	18 10	1 21	21 38	1 5	0 50	1 25	24 17	0 42	17 41	0 5	0 6	2 5	34 32	12 41	8 23	8 11	18 25		n.a.
T 4	23 50	7 28	3 50	19 57	1 54	18 30	1 18	21 28	1 5	0 52	1 26	24 18	0 42	17 40	0 5	0 6	2 5	34 32	12 41	8 21	8 9	18 24		n.a.
W 5	23 49	3 37	3 3	20 14	1 43	18 49	1 16	21 17	1 5	0 54	1 26	24 18	0 42	17 40	0 5	0 6	2 5	34 32	12 41	8 19	8 8	18 23		n.a.
T 6	23 47	0s29	2 6	20 32	1 33	19 9	1 13	21 6	1 4	0 56	1 26	24 18	0 42	17 40	0 5	0 7	2 5	34 31	12 41	8 18	8 7	18 23		n.a.
F 7	23 45	4 39	1 2	20 51	1 22	19 27	1 10	20 55	1 4	0 58	1 26	24 19	0 43	17 39	0 5	0 7	2 5	34 31	12 40	8 18	8 6	18 22		n.a.
S 8	23 42	8 45	0n 8	21 9	1 12	19 45	1 7	20 44	1 3	1 0	1 26	24 19	0 43	17 39	0 5	0 7	2 5	34 31	12 40	8 18	8 4	18 21		n.a.
S 9	23 39	12 31	1 19	21 27	1 1	20 3	1 4	20 32	1 3	1 2	1 27	24 20	0 43	17 38	0 5	0 7	2 5	34 30	12 40	8 18	8 3	18 21		n.a.
M10	23 36	15 43	2 28	21 45	0 51	20 20	1 1	20 21	1 2	1 3	1 27	24 20	0 43	17 38	0 5	0 7	2 4	34 30	12 40	8 17	8 2	18 20		n.a.
T 11	23 32	18 1	3 29	22 3	0 41	20 36	0 58	20 9	1 2	1 5	1 27	24 20	0 43	17 38	0 5	0 8	2 4	34 30	12 40	8 15	8 1	18 19		n.a.
W12	23 27	19 10	4 18	22 21	0 31	20 52	0 55	19 57	1 1	1 6	1 27	24 21	0 43	17 37	0 5	0 8	2 4	34 29	12 40	8 12	8 0	18 18		n.a.
T 13	23 22	18 56	4 50	22 38	0 22	21 7	0 52	19 45	1 1	1 8	1 28	24 21	0 43	17 37	0 5	0 8	2 4	34 29	12 40	8 8	7 58	18 18		n.a.
F 14	23 17	17 20	5 0	22 55	0 12	21 22	0 49	19 32	1 1	1 9	1 28	24 22	0 43	17 37	0 5	0 9	2 4	34 29	12 40	8 3	7 57	18 17		n.a.
S 15	23 11	14 31	4 50	23 11	0 3	21 36	0 46	19 20	1 0	1 10	1 28	24 22	0 43	17 36	0 5	0 9	2 4	34 28	12 40	7 59	7 56	18 16		n.a.
S 16	23 4	10 48	4 19	23 27	0s 6	21 49	0 43	19 7	1 0	1 11	1 28	24 22	0 43	17 36	0 5	0 9	2 4	34 28	12 40	7 56	7 55	18 16		n.a.
M17	22 58	6 31	3 32	23 42	0 14	22 2	0 40	18 54	0 59	1 12	1 29	24 23	0 44	17 36	0 5	0 10	2 4	34 28	12 40	7 53	7 53	18 15		n.a.
T 18	22 51	2 0	2 34	23 56	0 23	22 14	0 37	18 41	0 59	1 13	1 29	24 23	0 44	17 35	0 5	0 10	2 4	34 28	12 40	7 51	7 52	18 14		n.a.
W19	22 43	2n28	1 28	24 9	0 31	22 26	0 34	18 27	0 58	1 14	1 29	24 23	0 44	17 35	0 5	0 10	2 4	34 27	12 40	7 50	7 51	18 14		n.a.
T 20	22 35	6 41	0 20	24 21	0 39	22 37	0 31	18 14	0 58	1 15	1 29	24 24	0 44	17 35	0 5	0 11	2 4	34 27	12 40	7 50	7 50	18 13		n.a.
F 21	22 26	10 27	0s47	24 32	0 46	22 47	0 28	18 0	0 57	1 16	1 29	24 24	0 44	17 35	0 5	0 11	2 4	34 27	12 40	7 50	7 49	18 12		n.a.
S 22	22 17	13 40	1 50	24 42	0 54	22 57	0 25	17 47	0 57	1 17	1 30	24 24	0 44	17 34	0 5	0 11	2 4	34 26	12 40	7 50	7 47	18 11		n.a.
S 23	22 8	16 13	2 47	24 51	1 1	23 6	0 22	17 33	0 56	1 17	1 30	24 25	0 44	17 34	0 5	0 12	2 4	34 26	12 40	7 49	7 46	18 11		n.a.
M24	21 58	18 1	3 36	24 59	1 7	23 14	0 19	17 19	0 56	1 18	1 30	24 25	0 44	17 34	0 5	0 12	2 3	34 26	12 40	7 46	7 45	18 10		n.a.
T 25	21 48	19 1	4 14	25 5	1 14	23 22	0 16	17 4	0 55	1 19	1 30	24 25	0 44	17 34	0 5	0 13	2 3	34 26	12 40	7 43	7 44	18 9		n.a.
W26	21 38	19 10	4 42	25 10	1 20	23 29	0 13	16 50	0 55	1 19	1 31	24 26	0 44	17 34	0 5	0 13	2 3	34 25	12 40	7 39	7 42	18 8		n.a.
T 27	21 27	18 28	4 57	25 14	1 25	23 35	0 10	16 35	0 54	1 19	1 31	24 26	0 44	17 33	0 5	0 14	2 3	34 25	12 40	7 33	7 41	18 8		n.a.
F 28	21 15	16 59	4 59	25 17	1 31	23 41	0 7	16 21	0 54	1 20	1 31	24 26	0 44	17 33	0 5	0 14	2 3	34 25	12 41	7 28	7 40	18 7		n.a.
S 29	21 4	14 46	4 48	25 17	1 36	23 45	0 4	16 6	0 53	1 20	1 31	24 27	0 45	17 33	0 5	0 15	2 3	34 25	12 41	7 22	7 39	18 6		n.a.
S 30	20 52	11 54	4 24	25 17	1 41	23 50	0 1	15 51	0 53	1 20	1 32	24 27	0 45	17 33	0 5	0 15	2 3	34 24	12 41	7 17	7 38	18 6		n.a.
M31	20s39	8n32	3s48	25s15	1s45	23s53	0s 1	15s36	0s52	1s20	1n32	24n27	0n45	17n33	0s 5	0n16	2s 3	34s24	12s41	7s13	7s36	18n 5		n.a.

Julian Day Number = 1206055.5, Delta T = 09h17m41s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'42, Lahiri = -23°25'42 Julian Calendar 1 Jan. 1411 BCE == Greg. Calendar 19 Dec. 1412 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

FEBRUARY 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 53 13	0♒17'43	10♍58	11♉10	0♉54	21♒39	6♎47	6°R 9	18°R28	5♈18	22♉39	17°R58	19♎ 3	13♋29	n.a.	T 1
W 2	7 57 10	1°17'23	23°19	12°46	2° 8	22°23	6°48	6♋ 5	18♉27	5°19	22°40	17♎53	19° 0	13°35	n.a.	W 2
T 3	8 1 6	2°17'01	5♎51	14°23	3°21	23° 8	6°R48	6° 1	18°27	5°21	22°42	17°50	18°57	13°42	n.a.	T 3
F 4	8 5 3	3°16'37	18°38	16° 1	4°34	23°53	6°48	5°57	18°27	5°22	22°43	17°D50	18°53	13°49	n.a.	F 4
S 5	8 8 59	4°16'12	1♏45	17°41	5°48	24°37	6°47	5°53	18°27	5°23	22°45	17°R50	18°50	13°56	n.a.	S 5
S 6	8 12 56	5°15'44	15°15	19°21	7° 1	25°22	6°47	5°49	18°27	5°24	22°47	17°50	18°47	14° 2	n.a.	S 6
M 7	8 16 53	6°15'15	29°10	21° 3	8°14	26° 7	6°46	5°45	18°D27	5°26	22°48	17°48	18°44	14° 9	n.a.	M 7
T 8	8 20 49	7°14'43	13♐31	22°46	9°28	26°51	6°46	5°41	18°27	5°27	22°50	17°44	18°41	14°16	n.a.	T 8
W 9	8 24 46	8°14'10	28°15	24°31	10°41	27°35	6°45	5°38	18°27	5°28	22°51	17°37	18°37	14°23	n.a.	W 9
T 10	8 28 42	9°13'35	13♑18	26°16	11°55	28°20	6°44	5°34	18°27	5°30	22°53	17°28	18°34	14°29	n.a.	T 10
F 11	8 32 39	10°12'58	28°30	28° 3	13° 8	29° 4	6°42	5°30	18°27	5°31	22°55	17°18	18°31	14°36	n.a.	F 11
S 12	8 36 35	11°12'19	13♒41	29°52	14°21	29°48	6°41	5°27	18°27	5°33	22°56	17° 8	18°28	14°43	n.a.	S 12
S 13	8 40 32	12°11'37	28°41	1♒41	15°35	0♓33	6°39	5°24	18°28	5°34	22°58	16°59	18°25	14°49	n.a.	S 13
M14	8 44 28	13°10'53	13♓20	3°32	16°48	1°17	6°37	5°20	18°28	5°36	22°59	16°53	18°22	14°56	n.a.	M14
T 15	8 48 25	14°10'06	27°32	5°24	18° 1	2° 1	6°35	5°17	18°28	5°37	23° 1	16°49	18°18	15° 3	n.a.	T 15
W16	8 52 21	15° 9'18	11♈15	7°18	19°15	2°45	6°33	5°14	18°29	5°39	23° 2	16°D47	18°15	15°10	n.a.	W16
T 17	8 56 18	16° 8'26	24°30	9°13	20°28	3°29	6°30	5°11	18°29	5°40	23° 4	16°47	18°12	15°16	n.a.	T 17
F 18	9 0 15	17° 7'33	7♉20	11° 9	21°41	4°13	6°27	5° 8	18°30	5°42	23° 5	16°48	18° 9	15°23	n.a.	F 18
S 19	9 4 11	18° 6'37	19°48	13° 6	22°55	4°57	6°25	5° 5	18°31	5°43	23° 7	16°R48	18° 6	15°30	n.a.	S 19
S 20	9 8 8	19° 5'38	2♊ 0	15° 5	24° 8	5°41	6°22	5° 2	18°31	5°45	23° 9	16°47	18° 2	15°37	n.a.	S 20
M21	9 12 4	20° 4'37	14° 1	17° 4	25°21	6°25	6°18	4°59	18°32	5°47	23°10	16°44	17°59	15°43	n.a.	M21
T 22	9 16 1	21° 3'34	25°55	19° 5	26°35	7° 9	6°15	4°57	18°33	5°49	23°12	16°39	17°56	15°50	n.a.	T 22
W23	9 19 57	22° 2'28	7♋46	21° 7	27°48	7°53	6°12	4°54	18°34	5°50	23°13	16°31	17°53	15°57	n.a.	W23
T 24	9 23 54	23° 1'20	19°38	23°10	29° 1	8°36	6° 8	4°52	18°35	5°52	23°14	16°22	17°50	16° 3	n.a.	T 24
F 25	9 27 50	24° 0'09	1♌33	25°14	0♒15	9°20	6° 4	4°50	18°35	5°54	23°16	16°12	17°47	16°10	n.a.	F 25
S 26	9 31 47	24°58'56	13°34	27°18	1°28	10° 4	6° 0	4°47	18°36	5°56	23°17	16° 2	17°43	16°17	n.a.	S 26
S 27	9 35 43	25°57'41	25°41	29°23	2°42	10°47	5°56	4°45	18°37	5°57	23°19	15°53	17°40	16°24	n.a.	S 27
M28	9 39 40	26♒56'24	7♍56	1♓28	3♒55	11♓31	5♎51	4♋43	18♉39	5♈59	23♉20	15♎46	17♎37	16♋30	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s26	4n47	3s 2	25s11	1s49	23s56	0s 4	15s21	0s51	1s20	1n32	24n27	0n45	17n33	0s 5	0n16	2s 3	34s24	12s41	7s10	7s35	18n 4		n.a.
W 2	20 13	0 47	2 6	25 6	1 52	23 58	0 7	15 6	0 51	1 20	1 32	24 28	0 45	17 33	0 5	0 17	2 3	34 24	12 41	7 8	7 34	18 3		n.a.
T 3	20 0	3s19	1 3	24 59	1 56	23 59	0 10	14 50	0 50	1 20	1 32	24 28	0 45	17 33	0 5	0 17	2 3	34 23	12 41	7 7	7 33	18 3		n.a.
F 4	19 46	7 22	0n 4	24 50	1 58	23 59	0 13	14 35	0 50	1 20	1 33	24 28	0 45	17 33	0 5	0 18	2 3	34 23	12 41	7 7	7 31	18 2		n.a.
S 5	19 32	11 9	1 13	24 40	2 1	23 59	0 16	14 19	0 49	1 19	1 33	24 28	0 45	17 33	0 5	0 18	2 3	34 23	12 41	7 7	7 30	18 1		n.a.
S 6	19 17	14 28	2 20	24 27	2 3	23 58	0 18	14 3	0 49	1 19	1 33	24 29	0 45	17 33	0 5	0 19	2 3	34 23	12 41	7 7	7 29	18 0		n.a.
M 7	19 2	17 4	3 21	24 13	2 4	23 57	0 21	13 47	0 48	1 19	1 33	24 29	0 45	17 33	0 5	0 19	2 3	34 23	12 41	7 6	7 28	17 59		n.a.
T 8	18 47	18 40	4 11	23 57	2 5	23 54	0 24	13 31	0 48	1 18	1 34	24 29	0 45	17 33	0 5	0 20	2 2	34 22	12 41	7 4	7 27	17 59		n.a.
W 9	18 31	19 5	4 46	23 39	2 6	23 51	0 26	13 15	0 47	1 17	1 34	24 29	0 45	17 33	0 5	0 21	2 2	34 22	12 42	7 2	7 25	17 58		n.a.
T 10	18 16	18 11	5 2	23 20	2 6	23 48	0 29	12 59	0 47	1 17	1 34	24 30	0 45	17 33	0 5	0 21	2 2	34 22	12 42	6 58	7 24	17 57		n.a.
F 11	17 59	15 59	4 57	22 58	2 6	23 43	0 31	12 43	0 46	1 16	1 34	24 30	0 45	17 33	0 5	0 22	2 2	34 22	12 42	6 54	7 23	17 56		n.a.
S 12	17 43	12 41	4 31	22 34	2 5	23 38	0 34	12 27	0 46	1 15	1 34	24 30	0 45	17 33	0 5	0 22	2 2	34 22	12 42	6 51	7 22	17 56		n.a.
S 13	17 26	8 36	3 47	22 8	2 4	23 32	0 36	12 10	0 45	1 14	1 35	24 30	0 45	17 33	0 5	0 23	2 2	34 22	12 42	6 47	7 20	17 55		n.a.
M14	17 9	4 5	2 48	21 41	2 2	23 25	0 39	11 54	0 44	1 13	1 35	24 30	0 45	17 33	0 5	0 24	2 2	34 21	12 42	6 45	7 19	17 54		n.a.
T 15	16 52	0n32	1 41	21 11	1 59	23 18	0 41	11 37	0 44	1 12	1 35	24 31	0 46	17 33	0 5	0 24	2 2	34 21	12 42	6 43	7 18	17 53		n.a.
W16	16 34	4 59	0 29	20 39	1 57	23 10	0 43	11 21	0 43	1 11	1 35	24 31	0 46	17 33	0 5	0 25	2 2	34 21	12 42	6 42	7 17	17 52		n.a.
T 17	16 17	9 1	0s41	20 5	1 53	23 1	0 46	11 4	0 43	1 10	1 35	24 31	0 46	17 34	0 5	0 26	2 2	34 21	12 43	6 42	7 15	17 52		n.a.
F 18	15 58	12 30	1 48	19 29	1 49	22 52	0 48	10 47	0 42	1 9	1 36	24 31	0 46	17 34	0 5	0 26	2 2	34 21	12 43	6 43	7 14	17 51		n.a.
S 19	15 40	15 19	2 47	18 51	1 45	22 42	0 50	10 30	0 42	1 8	1 36	24 31	0 46	17 34	0 5	0 27	2 2	34 21	12 43	6 43	7 13	17 50		n.a.
S 20	15 22	17 23	3 37	18 11	1 40	22 31	0 52	10 13	0 41	1 6	1 36	24 31	0 46	17 34	0 5	0 28	2 2	34 21	12 43	6 43	7 12	17 49		n.a.
M21	15 3	18 37	4 17	17 29	1 34	22 20	0 54	9 56	0 40	1 5	1 36	24 31	0 46	17 34	0 4	0 29	2 2	34 20	12 43	6 41	7 11	17 48		n.a.
T 22	14 44	19 2	4 46	16 45	1 28	22 8	0 56	9 39	0 40	1 3	1 36	24 32	0 46	17 35	0 4	0 29	2 2	34 20	12 43	6 39	7 9	17 48		n.a.
W23	14 24	18 36	5 2	15 59	1 21	21 55	0 58	9 22	0 39	1 2	1 37	24 32	0 46	17 35	0 4	0 30	2 2	34 20	12 44	6 36	7 8	17 47		n.a.
T 24	14 5	17 22	5 5	15 11	1 13	21 42	1 0	9 5	0 39	1 0	1 37	24 32	0 46	17 35	0 4	0 31	2 2	34 20	12 44	6 33	7 7	17 46		n.a.
F 25	13 45	15 22	4 55	14 22	1 5	21 28	1 2	8 48	0 38	0 58	1 37	24 32	0 46	17 35	0 4	0 32	2 2	34 20	12 44	6 29	7 6	17 45		n.a.
S 26	13 25	12 43	4 31	13 31	0 57	21 13	1 4	8 30	0 38	0 56	1 37	24 32	0 46	17 36	0 4	0 32	2 2	34 20	12 44	6 25	7 4	17 44		n.a.
S 27	13 5	9 29	3 56	12 38	0 48	20 58	1 6	8 13	0 37	0 55	1 37	24 32	0 46	17 36	0 4	0 33	2 1	34 20	12 44	6 21	7 3	17 44		n.a.
M28	12s45	5n50	3s 9	11s44	0s39	20s42	1s 8	7s56	0s36	0s53	1n37	24n32	0n46	17n36	0s 4	0n34	2s 1	34s20	12s45	6s19	7s 2	17n43		n.a.

Julian Day Number = 1206086.5, Delta T = 09h17m39s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'38, Lahiri = -23°25'38 Julian Calendar 1 Feb. 1411 BCE == Greg. Calendar 19 Jan. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

MARCH 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 43 37	27♒55'05	20♍21	3♓34	5♒ 8	12♓14	5°R47	4°R41	18♉40	6♈ 1	23♑22	15°R41	17♎34	16♋37	n.a.	T 1
W 2	9 47 33	28°53'44	2♎55	5°39	6°22	12°57	5♎42	4♋39	18°41	6° 3	23°23	15♎38	17°31	16°44	n.a.	W 2
T 3	9 51 30	29°52'20	15°41	7°43	7°35	13°41	5°37	4°38	18°42	6° 5	23°24	15°D37	17°28	16°51	n.a.	T 3
F 4	9 55 26	0♓50'55	28°40	9°47	8°48	14°24	5°33	4°36	18°43	6° 7	23°26	15°38	17°24	16°57	n.a.	F 4
S 5	9 59 23	1°49'28	11♏54	11°49	10° 2	15° 7	5°27	4°34	18°45	6° 9	23°27	15°39	17°21	17° 4	n.a.	S 5
S 6	10 3 19	2°48'00	25°26	13°50	11°15	15°51	5°22	4°33	18°46	6°10	23°28	15°40	17°18	17°11	n.a.	S 6
M 7	10 7 16	3°46'30	9♐16	15°50	12°28	16°34	5°17	4°32	18°48	6°12	23°30	15°R40	17°15	17°17	n.a.	M 7
T 8	10 11 12	4°44'57	23°25	17°47	13°42	17°17	5°11	4°30	18°49	6°14	23°31	15°39	17°12	17°24	n.a.	T 8
W 9	10 15 9	5°43'24	7♑52	19°41	14°55	18° 0	5° 6	4°29	18°51	6°16	23°32	15°35	17° 8	17°31	n.a.	W 9
T 10	10 19 5	6°41'48	22°33	21°33	16° 8	18°43	5° 0	4°28	18°52	6°18	23°34	15°31	17° 5	17°38	n.a.	T 10
F 11	10 23 2	7°40'11	7♒23	23°22	17°22	19°26	4°54	4°27	18°54	6°20	23°35	15°25	17° 2	17°44	n.a.	F 11
S 12	10 26 59	8°38'32	22°13	25° 7	18°35	20° 9	4°48	4°26	18°55	6°22	23°36	15°20	16°59	17°51	n.a.	S 12
S 13	10 30 55	9°36'51	6♓56	26°49	19°49	20°52	4°42	4°26	18°57	6°24	23°37	15°15	16°56	17°58	n.a.	S 13
M14	10 34 52	10°35'07	21°24	28°27	21° 2	21°35	4°35	4°25	18°59	6°26	23°39	15°11	16°53	18° 4	n.a.	M14
T 15	10 38 48	11°33'22	5♈31	0♈ 1	22°15	22°17	4°29	4°25	19° 1	6°29	23°40	15°10	16°49	18°11	n.a.	T 15
W16	10 42 45	12°31'35	19°14	1°31	23°29	23° 0	4°22	4°24	19° 3	6°31	23°41	15°D 9	16°46	18°18	n.a.	W16
T 17	10 46 41	13°29'46	2♉32	2°57	24°42	23°43	4°16	4°24	19° 4	6°33	23°42	15°10	16°43	18°25	n.a.	T 17
F 18	10 50 38	14°27'55	15°26	4°18	25°55	24°25	4° 9	4°24	19° 6	6°35	23°43	15°12	16°40	18°31	n.a.	F 18
S 19	10 54 34	15°26'01	27°58	5°34	27° 9	25° 8	4° 2	4°D24	19° 8	6°37	23°44	15°13	16°37	18°38	n.a.	S 19
S 20	10 58 31	16°24'06	10♊14	6°46	28°22	25°50	3°55	4°24	19°10	6°39	23°45	15°14	16°34	18°45	n.a.	S 20
M21	11 2 27	17°22'09	22°18	7°53	29°36	26°33	3°48	4°24	19°13	6°41	23°47	15°R14	16°30	18°52	n.a.	M21
T 22	11 6 24	18°20'09	4♋13	8°56	0♓49	27°15	3°41	4°24	19°15	6°43	23°48	15°13	16°27	18°58	n.a.	T 22
W23	11 10 21	19°18'07	16° 6	9°53	2° 2	27°58	3°34	4°24	19°17	6°46	23°49	15°11	16°24	19° 5	n.a.	W23
T 24	11 14 17	20°16'04	27°59	10°46	3°16	28°40	3°27	4°25	19°19	6°48	23°50	15° 8	16°21	19°12	n.a.	T 24
F 25	11 18 14	21°13'58	9♌57	11°34	4°29	29°22	3°20	4°25	19°21	6°50	23°51	15° 4	16°18	19°18	n.a.	F 25
S 26	11 22 10	22°11'51	22° 3	12°16	5°42	0♈ 5	3°12	4°26	19°24	6°52	23°52	15° 0	16°14	19°25	n.a.	S 26
S 27	11 26 7	23° 9'41	4♍20	12°53	6°56	0°47	3° 5	4°27	19°26	6°54	23°53	14°57	16°11	19°32	n.a.	S 27
M28	11 30 3	24° 7'30	16°47	13°26	8° 9	1°29	2°58	4°27	19°28	6°56	23°54	14°54	16° 8	19°39	n.a.	M28
T 29	11 34 0	25° 5'17	29°28	13°53	9°22	2°11	2°50	4°28	19°31	6°59	23°54	14°52	16° 5	19°45	n.a.	T 29
W30	11 37 56	26° 3'03	12♎21	14°15	10°36	2°53	2°43	4°29	19°33	7° 1	23°55	14°D52	16° 2	19°52	n.a.	W30
T 31	11 41 53	27♓ 0'47	25♎28	14♈31	11♓49	3♈35	2♎35	4♋31	19♉36	7♈ 3	23♑56	14♎52	15♎59	19♋59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	12s24	1n52	2s12	10s49	0s29	20s26	1s 9	7s38	0s36	0s51	1n38	24n32	0n46	17n37	0s 4	0n35	2s 1	34s20	12s45	6s16	7s 1	17n42			n.a.
W 2	12 4	2s13	1 8	9 53	0 18	20 9	1 11	7 21	0 35	0 49	1 38	24 33	0 46	17 37	0 4	0 35	2 1	34 20	12 45	6 15	6 59	17 41			n.a.
T 3	11 43	6 16	0n 0	8 56	0 7	19 51	1 12	7 3	0 35	0 47	1 38	24 33	0 46	17 37	0 4	0 36	2 1	34 20	12 45	6 15	6 58	17 40			n.a.
F 4	11 22	10 6	1 10	7 59	0n 4	19 33	1 14	6 46	0 34	0 45	1 38	24 33	0 46	17 38	0 4	0 37	2 1	34 20	12 45	6 15	6 57	17 39			n.a.
S 5	11 1	13 30	2 17	7 1	0 15	19 15	1 15	6 28	0 33	0 42	1 38	24 33	0 46	17 38	0 4	0 38	2 1	34 20	12 46	6 16	6 56	17 39			n.a.
S 6	10 39	16 14	3 19	6 4	0 26	18 56	1 16	6 11	0 33	0 40	1 38	24 33	0 46	17 38	0 4	0 39	2 1	34 20	12 46	6 16	6 55	17 38			n.a.
M 7	10 18	18 7	4 10	5 6	0 38	18 36	1 18	5 53	0 32	0 38	1 38	24 33	0 46	17 39	0 4	0 39	2 1	34 20	12 46	6 16	6 53	17 37			n.a.
T 8	9 56	18 55	4 47	4 9	0 49	18 16	1 19	5 36	0 32	0 35	1 39	24 33	0 46	17 39	0 4	0 40	2 1	34 20	12 46	6 16	6 52	17 36			n.a.
W 9	9 34	18 31	5 7	3 13	1 1	17 55	1 20	5 18	0 31	0 33	1 39	24 33	0 46	17 40	0 4	0 41	2 1	34 20	12 47	6 14	6 51	17 35			n.a.
T 10	9 12	16 53	5 8	2 18	1 12	17 34	1 21	5 0	0 30	0 31	1 39	24 33	0 46	17 40	0 4	0 42	2 1	34 20	12 47	6 13	6 50	17 34			n.a.
F 11	8 50	14 7	4 48	1 25	1 23	17 12	1 22	4 43	0 30	0 28	1 39	24 33	0 46	17 41	0 4	0 43	2 1	34 20	12 47	6 10	6 48	17 34			n.a.
S 12	8 28	10 26	4 9	0 32	1 34	16 50	1 23	4 25	0 29	0 26	1 39	24 33	0 46	17 41	0 4	0 44	2 1	34 20	12 47	6 8	6 47	17 33			n.a.
S 13	8 6	6 8	3 13	0n18	1 44	16 27	1 24	4 7	0 29	0 23	1 39	24 33	0 46	17 42	0 4	0 45	2 1	34 20	12 48	6 6	6 46	17 32			n.a.
M14	7 44	1 33	2 6	1 7	1 54	16 4	1 25	3 50	0 28	0 20	1 39	24 33	0 46	17 42	0 4	0 45	2 1	34 20	12 48	6 5	6 45	17 31			n.a.
T 15	7 21	3n 2	0 52	1 54	2 4	15 41	1 25	3 32	0 28	0 18	1 39	24 33	0 46	17 43	0 4	0 46	2 1	34 20	12 48	6 4	6 43	17 30			n.a.
W16	6 59	7 19	0s22	2 38	2 13	15 17	1 26	3 14	0 27	0 15	1 39	24 33	0 46	17 43	0 4	0 47	2 1	34 20	12 48	6 4	6 42	17 29			n.a.
T 17	6 36	11 6	1 34	3 20	2 21	14 53	1 27	2 56	0 26	0 12	1 39	24 33	0 46	17 44	0 4	0 48	2 1	34 20	12 49	6 5	6 41	17 28			n.a.
F 18	6 13	14 14	2 38	4 0	2 29	14 28	1 27	2 39	0 26	0 10	1 40	24 33	0 46	17 44	0 4	0 49	2 1	34 20	12 49	6 5	6 40	17 27			n.a.
S 19	5 50	16 36	3 33	4 37	2 35	14 3	1 28	2 21	0 25	0 7	1 40	24 33	0 46	17 45	0 4	0 50	2 1	34 20	12 49	6 6	6 38	17 27			n.a.
S 20	5 27	18 8	4 17	5 12	2 41	13 37	1 28	2 3	0 25	0 4	1 40	24 33	0 46	17 45	0 4	0 51	2 1	34 20	12 49	6 6	6 37	17 26			n.a.
M21	5 4	18 49	4 49	5 44	2 47	13 12	1 29	1 46	0 24	0 1	1 40	24 33	0 46	17 46	0 4	0 51	2 1	34 20	12 50	6 6	6 36	17 25			n.a.
T 22	4 41	18 40	5 8	6 13	2 51	12 45	1 29	1 28	0 23	0n 2	1 40	24 33	0 46	17 47	0 4	0 52	2 1	34 20	12 50	6 6	6 35	17 24			n.a.
W23	4 18	17 41	5 13	6 39	2 55	12 19	1 29	1 10	0 23	0 5	1 40	24 33	0 46	17 47	0 4	0 53	2 1	34 20	12 50	6 5	6 33	17 23			n.a.
T 24	3 55	15 56	5 6	7 2	2 57	11 52	1 29	0 53	0 22	0 8	1 40	24 33	0 46	17 48	0 4	0 54	2 1	34 20	12 51	6 4	6 32	17 22			n.a.
F 25	3 32	13 30	4 45	7 23	2 59	11 25	1 29	0 35	0 22	0 11	1 40	24 33	0 46	17 48	0 4	0 55	2 1	34 20	12 51	6 2	6 31	17 21			n.a.
S 26	3 9	10 27	4 11	7 40	2 59	10 58	1 29	0 17	0 21	0 14	1 40	24 33	0 46	17 49	0 4	0 56	2 1	34 20	12 51	6 1	6 30	17 20			n.a.
S 27	2 46	6 55	3 25	7 55	2 59	10 30	1 29	0n 0	0 20	0 17	1 40	24 33	0 46	17 50	0 4	0 57	2 1	34 20	12 52	5 59	6 28	17 20			n.a.
M28	2 22	3 2	2 29	8 6	2 57	10 2	1 29	0 18	0 20	0 20	1 40	24 33	0 47	17 50	0 4	0 58	2 1	34 21	12 52	5 58	6 27	17 19			n.a.
T 29	1 59	1s 4	1 24	8 14	2 54	9 34	1 29	0 35	0 19	0 23	1 40	24 33	0 47	17 51	0 4	0 59	2 1	34 21	12 52	5 58	6 26	17 18			n.a.
W30	1 36	5 11	0 14	8 19	2 50	9 5	1 29	0 53	0 19	0 26	1 40	24 33	0 47	17 52	0 4	0 59	2 1	34 21	12 52	5 57	6 25	17 17			n.a.
T 31	1s12	9s 7	0n58	8n21	2n45	8s36	1s28	1n11	0s18	0n29	1n40	24n33	0n47	17n52	0s 4	1n 0	2s 1	34s21	12s53	5s57	6s24	17n16			n.a.

Julian Day Number = 1206114.5, Delta T = 09h17m38s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'34, Lahiri = -23°25'34 Julian Calendar 1 March 1411 BCE == Greg. Calendar 16 Feb. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

APRIL 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 45 50	27♓58'30	8♏48	14♈43	13♓ 2	4♈17	2°R28	4♋32	19♉38	7♈ 5	23♑57	14♎53	15♎55	20♋ 6	n.a.	F 1
S 2	11 49 46	28°56'11	22°21	14°49	14°16	4°59	2♎20	4°33	19°41	7° 7	23°58	14°54	15°52	20°12	n.a.	S 2
S 3	11 53 43	29°53'51	6♐ 6	14°R51	15°29	5°41	2°12	4°35	19°43	7°10	23°59	14°55	15°49	20°19	n.a.	S 3
M 4	11 57 39	0♈51'30	20° 3	14°47	16°43	6°22	2° 5	4°36	19°46	7°12	24° 0	14°56	15°46	20°26	n.a.	M 4
T 5	12 1 36	1°49'08	4♑10	14°39	17°56	7° 4	1°57	4°38	19°48	7°14	24° 0	14°R56	15°43	20°32	n.a.	T 5
W 6	12 5 32	2°46'45	18°26	14°27	19° 9	7°46	1°49	4°40	19°51	7°16	24° 1	14°56	15°39	20°39	n.a.	W 6
T 7	12 9 29	3°44'20	2♒48	14°10	20°23	8°28	1°42	4°42	19°54	7°19	24° 2	14°55	15°36	20°46	n.a.	T 7
F 8	12 13 25	4°41'55	17°13	13°50	21°36	9° 9	1°34	4°44	19°57	7°21	24° 3	14°54	15°33	20°53	n.a.	F 8
S 9	12 17 22	5°39'28	1♓36	13°26	22°50	9°51	1°27	4°46	19°59	7°23	24° 3	14°53	15°30	20°59	n.a.	S 9
S 10	12 21 18	6°37'00	15°52	12°58	24° 3	10°32	1°19	4°48	20° 2	7°25	24° 4	14°52	15°27	21° 6	n.a.	S 10
M11	12 25 15	7°34'31	29°57	12°29	25°16	11°14	1°11	4°50	20° 5	7°28	24° 5	14°51	15°24	21°13	n.a.	M11
T 12	12 29 12	8°32'00	13♈46	11°57	26°30	11°55	1° 4	4°52	20° 8	7°30	24° 5	14°D51	15°20	21°19	n.a.	T 12
W13	12 33 8	9°29'29	27°17	11°24	27°43	12°37	0°56	4°55	20°11	7°32	24° 6	14°51	15°17	21°26	n.a.	W13
T 14	12 37 5	10°26'56	10♉28	10°50	28°57	13°18	0°49	4°58	20°14	7°34	24° 6	14°51	15°14	21°33	n.a.	T 14
F 15	12 41 1	11°24'21	23°20	10°16	0♈10	13°59	0°41	5° 0	20°17	7°37	24° 7	14°52	15°11	21°40	n.a.	F 15
S 16	12 44 58	12°21'46	5♊53	9°42	1°24	14°41	0°34	5° 3	20°20	7°39	24° 7	14°52	15° 8	21°46	n.a.	S 16
S 17	12 48 54	13°19'09	18°10	9° 9	2°37	15°22	0°27	5° 6	20°23	7°41	24° 8	14°52	15° 5	21°53	n.a.	S 17
M18	12 52 51	14°16'31	0♋16	8°37	3°50	16° 3	0°19	5° 9	20°26	7°43	24° 8	14°52	15° 1	22° 0	n.a.	M18
T 19	12 56 47	15°13'51	12°13	8° 7	5° 4	16°44	0°12	5°12	20°29	7°46	24° 9	14°52	14°58	22° 7	n.a.	T 19
W20	13 0 44	16°11'10	24° 6	7°40	6°17	17°25	0° 5	5°15	20°32	7°48	24° 9	14°52	14°55	22°13	n.a.	W20
T 21	13 4 41	17° 8'28	6♌ 1	7°15	7°31	18° 6	29♍58	5°18	20°35	7°50	24°10	14°52	14°52	22°20	n.a.	T 21
F 22	13 8 37	18° 5'45	18° 1	6°54	8°44	18°47	29°51	5°21	20°38	7°52	24°10	14°53	14°49	22°27	n.a.	F 22
S 23	13 12 34	19° 3'00	0♍10	6°36	9°58	19°28	29°44	5°25	20°42	7°54	24°11	14°53	14°45	22°33	n.a.	S 23
S 24	13 16 30	20° 0'14	12°33	6°23	11°11	20° 9	29°37	5°28	20°45	7°57	24°11	14°54	14°42	22°40	n.a.	S 24
M25	13 20 27	20°57'27	25°11	6°13	12°25	20°50	29°31	5°32	20°48	7°59	24°11	14°54	14°39	22°47	n.a.	M25
T 26	13 24 23	21°54'40	8♎ 6	6° 8	13°38	21°31	29°24	5°36	20°51	8° 1	24°11	14°54	14°36	22°54	n.a.	T 26
W27	13 28 20	22°51'51	21°19	6°D 7	14°51	22°12	29°18	5°39	20°55	8° 3	24°12	14°R54	14°33	23° 0	n.a.	W27
T 28	13 32 16	23°49'01	4♏50	6°10	16° 5	22°52	29°11	5°43	20°58	8° 5	24°12	14°54	14°30	23° 7	n.a.	T 28
F 29	13 36 13	24°46'11	18°36	6°18	17°18	23°33	29° 5	5°47	21° 1	8° 8	24°12	14°53	14°26	23°14	n.a.	F 29
S 30	13 40 10	25♈43'21	2♐35	6♈31	18♈32	24♈14	28♍59	5♋51	21♉ 4	8♈10	24♑12	14♎52	14♎23	23♋20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0s49	12s39	2n 8	8n20	2n39	8s 8	1s28	1n28	0s17	0n32	1n40	24n33	0n47	17n53	0s 4	1n 1	2s 1	34s21	12s53	5s58	6s22	17n15		n.a.
S 2	0 26	15 35	3 13	8 16	2 32	7 38	1 28	1 45	0 17	0 35	1 40	24 33	0 47	17 54	0 4	1 2	2 0	34 21	12 53	5 58	6 21	17 14		n.a.
S 3	0 2	17 39	4 7	8 9	2 23	7 9	1 27	2 3	0 16	0 38	1 40	24 33	0 47	17 55	0 4	1 3	2 0	34 21	12 54	5 59	6 20	17 13		n.a.
M 4	0n21	18 42	4 47	7 59	2 14	6 40	1 26	2 20	0 15	0 41	1 40	24 33	0 47	17 55	0 4	1 4	2 0	34 22	12 54	5 59	6 19	17 12		n.a.
T 5	0 44	18 37	5 11	7 45	2 3	6 10	1 26	2 38	0 15	0 44	1 40	24 33	0 47	17 56	0 4	1 5	2 0	34 22	12 54	5 59	6 17	17 11		n.a.
W 6	1 7	17 21	5 16	7 30	1 51	5 40	1 25	2 55	0 14	0 47	1 40	24 33	0 47	17 57	0 4	1 6	2 0	34 22	12 55	5 59	6 16	17 10		n.a.
T 7	1 31	15 0	5 1	7 11	1 38	5 10	1 24	3 12	0 14	0 50	1 40	24 33	0 47	17 58	0 4	1 7	2 0	34 22	12 55	5 59	6 15	17 9		n.a.
F 8	1 54	11 42	4 27	6 50	1 25	4 40	1 24	3 29	0 13	0 53	1 39	24 33	0 47	17 58	0 4	1 8	2 0	34 22	12 55	5 58	6 14	17 9		n.a.
S 9	2 17	7 43	3 37	6 28	1 10	4 9	1 23	3 47	0 12	0 56	1 39	24 33	0 47	17 59	0 4	1 9	2 0	34 22	12 56	5 58	6 12	17 8		n.a.
S 10	2 40	3 19	2 34	6 3	0 55	3 39	1 22	4 4	0 12	0 59	1 39	24 33	0 47	18 0	0 4	1 9	2 0	34 23	12 56	5 57	6 11	17 7		n.a.
M11	3 3	1n13	1 22	5 36	0 39	3 9	1 21	4 21	0 11	1 2	1 39	24 33	0 47	18 1	0 4	1 10	2 0	34 23	12 56	5 57	6 10	17 6		n.a.
T 12	3 26	5 37	0 6	5 9	0 22	2 38	1 20	4 38	0 11	1 5	1 39	24 33	0 47	18 1	0 4	1 11	2 0	34 23	12 57	5 57	6 9	17 5		n.a.
W13	3 49	9 37	1s 8	4 40	0 5	2 7	1 19	4 55	0 10	1 8	1 39	24 33	0 47	18 2	0 4	1 12	2 0	34 23	12 57	5 57	6 7	17 4		n.a.
T 14	4 12	13 3	2 17	4 11	0s12	1 36	1 17	5 12	0 9	1 11	1 39	24 32	0 47	18 3	0 4	1 13	2 0	34 24	12 57	5 57	6 6	17 3		n.a.
F 15	4 35	15 45	3 18	3 42	0 29	1 6	1 16	5 29	0 9	1 14	1 39	24 32	0 47	18 4	0 4	1 14	2 0	34 24	12 58	5 57	6 5	17 2		n.a.
S 16	4 58	17 37	4 7	3 12	0 46	0 35	1 15	5 45	0 8	1 16	1 39	24 32	0 47	18 5	0 4	1 15	2 0	34 24	12 58	5 57	6 4	17 1		n.a.
S 17	5 21	18 37	4 43	2 44	1 2	0 4	1 14	6 2	0 8	1 19	1 38	24 32	0 47	18 6	0 4	1 16	2 0	34 24	12 58	5 57	6 2	17 0		n.a.
M18	5 43	18 45	5 7	2 16	1 19	0n27	1 12	6 19	0 7	1 22	1 38	24 32	0 47	18 6	0 4	1 17	2 0	34 24	12 59	5 58	6 1	16 59		n.a.
T 19	6 6	18 2	5 17	1 50	1 34	0 58	1 11	6 35	0 6	1 25	1 38	24 32	0 47	18 7	0 4	1 17	2 0	34 25	12 59	5 58	6 0	16 58		n.a.
W20	6 28	16 32	5 13	1 25	1 49	1 29	1 9	6 52	0 6	1 28	1 38	24 32	0 47	18 8	0 4	1 18	2 0	34 25	12 59	5 58	5 59	16 57		n.a.
T 21	6 51	14 19	4 56	1 3	2 3	2 0	1 8	7 8	0 5	1 30	1 38	24 32	0 47	18 9	0 4	1 19	2 0	34 25	13 0	5 58	5 57	16 56		n.a.
F 22	7 13	11 29	4 26	0 42	2 17	2 31	1 6	7 25	0 5	1 33	1 38	24 32	0 47	18 10	0 4	1 20	2 0	34 26	13 0	5 58	5 56	16 55		n.a.
S 23	7 35	8 8	3 43	0 24	2 29	3 1	1 5	7 41	0 4	1 35	1 37	24 31	0 47	18 11	0 4	1 21	2 0	34 26	13 1	5 58	5 55	16 54		n.a.
S 24	7 57	4 22	2 50	0 8	2 40	3 32	1 3	7 57	0 3	1 38	1 37	24 31	0 47	18 12	0 4	1 22	2 1	34 26	13 1	5 58	5 54	16 53		n.a.
M25	8 19	0 19	1 47	0s 6	2 51	4 3	1 1	8 14	0 3	1 41	1 37	24 31	0 47	18 12	0 4	1 23	2 1	34 26	13 1	5 58	5 52	16 52		n.a.
T 26	8 41	3s51	0 38	0 16	3 0	4 34	1 0	8 30	0 2	1 43	1 37	24 31	0 47	18 13	0 4	1 24	2 1	34 27	13 2	5 58	5 51	16 51		n.a.
W27	9 3	7 55	0n35	0 24	3 8	5 4	0 58	8 46	0 2	1 46	1 37	24 31	0 47	18 14	0 4	1 25	2 1	34 27	13 2	5 58	5 50	16 50		n.a.
T 28	9 24	11 40	1 48	0 29	3 15	5 34	0 56	9 2	0 1	1 48	1 37	24 31	0 47	18 15	0 4	1 25	2 1	34 27	13 2	5 58	5 49	16 49		n.a.
F 29	9 45	14 51	2 56	0 31	3 21	6 5	0 54	9 18	0 0	1 50	1 36	24 31	0 47	18 16	0 4	1 26	2 1	34 28	13 3	5 58	5 47	16 48		n.a.
S 30	10n 7	17s13	3n54	0s31	3s26	6n35	0s52	9n33	0n 0	1n53	1n36	24n30	0n47	18n17	0s 4	1n27	2s 1	34s28	13s 3	5s57	5s46	16n47		n.a.

Julian Day Number = 1206145.5, Delta T = 09h17m36s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'30, Lahiri = -23°25'30 Julian Calendar 1 Apr. 1411 BCE == Greg. Calendar 19 March 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

MAY 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 44 6	26♈40'30	16♐43	6♈48	19♈45	24♈54	28°R53	5♋55	21♉ 8	8♈12	24♑13	14°R51	14♎20	23♋27	n.a.	S 1
M 2	13 48 3	27°37'38	0♑57	7° 9	20°59	25°35	28♏47	5°59	21°11	8°14	24°13	14♎49	14°17	23°34	n.a.	M 2
T 3	13 51 59	28°34'46	15°13	7°35	22°12	26°15	28°41	6° 4	21°15	8°16	24°13	14°48	14°14	23°41	n.a.	T 3
W 4	13 55 56	29°31'54	29°29	8° 6	23°26	26°56	28°35	6° 8	21°18	8°18	24°13	14°D48	14°10	23°47	n.a.	W 4
T 5	13 59 52	0♉29'02	13♒41	8°40	24°39	27°36	28°30	6°12	21°21	8°21	24°13	14°48	14° 7	23°54	n.a.	T 5
F 6	14 3 49	1°26'09	27°47	9°19	25°53	28°17	28°24	6°17	21°25	8°23	24°13	14°49	14° 4	24° 1	n.a.	F 6
S 7	14 7 46	2°23'16	11♓46	10° 2	27° 7	28°57	28°19	6°21	21°28	8°25	24°13	14°51	14° 1	24° 8	n.a.	S 7
S 8	14 11 42	3°20'23	25°34	10°49	28°20	29°38	28°14	6°26	21°32	8°27	24°R13	14°52	13°58	24°14	n.a.	S 8
M 9	14 15 39	4°17'30	9♈12	11°40	29°34	0♉18	28° 9	6°31	21°35	8°29	24°13	14°R52	13°55	24°21	n.a.	M 9
T 10	14 19 35	5°14'36	22°38	12°36	0♉47	0°58	28° 4	6°35	21°39	8°31	24°13	14°52	13°51	24°28	n.a.	T 10
W11	14 23 32	6°11'42	5♉49	13°34	2° 1	1°38	27°59	6°40	21°42	8°33	24°13	14°51	13°48	24°34	n.a.	W11
T 12	14 27 28	7° 8'48	18°46	14°37	3°14	2°19	27°55	6°45	21°46	8°35	24°13	14°49	13°45	24°41	n.a.	T 12
F 13	14 31 25	8° 5'54	1♊27	15°43	4°28	2°59	27°51	6°50	21°49	8°37	24°13	14°46	13°42	24°48	n.a.	F 13
S 14	14 35 21	9° 2'59	13°55	16°53	5°42	3°39	27°46	6°55	21°53	8°39	24°13	14°42	13°39	24°55	n.a.	S 14
S 15	14 39 18	10° 0'04	26° 9	18° 7	6°55	4°19	27°42	7° 0	21°56	8°41	24°12	14°38	13°36	25° 1	n.a.	S 15
M16	14 43 15	10°57'08	8♋13	19°24	8° 9	4°59	27°38	7° 6	22° 0	8°43	24°12	14°35	13°32	25° 8	n.a.	M16
T 17	14 47 11	11°54'12	20°10	20°45	9°23	5°39	27°35	7°11	22° 4	8°45	24°12	14°32	13°29	25°15	n.a.	T 17
W18	14 51 8	12°51'16	2♌ 3	22° 9	10°36	6°19	27°31	7°16	22° 7	8°47	24°12	14°30	13°26	25°21	n.a.	W18
T 19	14 55 4	13°48'19	13°56	23°37	11°50	6°59	27°28	7°22	22°11	8°49	24°12	14°D29	13°23	25°28	n.a.	T 19
F 20	14 59 1	14°45'22	25°56	25° 8	13° 4	7°39	27°24	7°27	22°14	8°51	24°11	14°30	13°20	25°35	n.a.	F 20
S 21	15 2 57	15°42'25	8♍ 5	26°42	14°17	8°19	27°21	7°33	22°18	8°53	24°11	14°31	13°16	25°42	n.a.	S 21
S 22	15 6 54	16°39'28	20°29	28°20	15°31	8°58	27°18	7°38	22°22	8°54	24°11	14°33	13°13	25°48	n.a.	S 22
M23	15 10 50	17°36'30	3♎12	0♉ 1	16°45	9°38	27°16	7°44	22°25	8°56	24°10	14°34	13°10	25°55	n.a.	M23
T 24	15 14 47	18°33'32	16°17	1°45	17°58	10°18	27°13	7°50	22°29	8°58	24°10	14°R35	13° 7	26° 2	n.a.	T 24
W25	15 18 44	19°30'35	29°45	3°32	19°12	10°58	27°11	7°56	22°32	9° 0	24°10	14°34	13° 4	26° 9	n.a.	W25
T 26	15 22 40	20°27'37	13♏36	5°22	20°26	11°37	27° 9	8° 1	22°36	9° 2	24° 9	14°31	13° 1	26°15	n.a.	T 26
F 27	15 26 37	21°24'40	27°46	7°15	21°39	12°17	27° 7	8° 7	22°40	9° 4	24° 9	14°27	12°57	26°22	n.a.	F 27
S 28	15 30 33	22°21'43	12♐13	9°10	22°53	12°56	27° 5	8°13	22°43	9° 5	24° 8	14°22	12°54	26°29	n.a.	S 28
S 29	15 34 30	23°18'46	26°48	11° 8	24° 7	13°36	27° 3	8°19	22°47	9° 7	24° 8	14°16	12°51	26°35	n.a.	S 29
M30	15 38 26	24°15'50	11♑27	13° 9	25°21	14°15	27° 2	8°25	22°50	9° 9	24° 7	14°11	12°48	26°42	n.a.	M30
T 31	15 42 23	25♉12'54	26♑ 1	15♉11	26♉34	14♉55	27♏ 0	8♋31	22♉54	9♈10	24♑ 7	14♎ 7	12♎45	26♋49	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	10n28	18s33	4n39	0s27	3s29	7n 5	0s50	9n49	0n 1	1n55	1n36	24n30	0n47	18n18	0s 4	1n28	2s 1	34s28	13s 3	5s57		5s45		16n46			n.a.
M 2	10 49	18 44	5 7	0 21	3 32	7 35	0 48	10 5	0 1	1 57	1 36	24 30	0 47	18 19	0 4	1 29	2 1	34 28	13 4	5 56		5 44		16 46			n.a.
T 3	11 9	17 44	5 16	0 12	3 34	8 5	0 46	10 20	0 2	1 59	1 35	24 30	0 47	18 20	0 4	1 30	2 1	34 29	13 4	5 56		5 42		16 45			n.a.
W 4	11 30	15 38	5 6	0 1	3 35	8 34	0 44	10 36	0 2	2 1	1 35	24 30	0 47	18 21	0 4	1 30	2 1	34 29	13 4	5 56		5 41		16 44			n.a.
T 5	11 50	12 35	4 37	0n13	3 34	9 4	0 42	10 51	0 3	2 3	1 35	24 29	0 47	18 22	0 4	1 31	2 1	34 29	13 5	5 56		5 40		16 43			n.a.
F 6	12 11	8 50	3 52	0 30	3 33	9 33	0 40	11 6	0 4	2 5	1 35	24 29	0 47	18 22	0 4	1 32	2 1	34 30	13 5	5 56		5 39		16 42			n.a.
S 7	12 31	4 37	2 53	0 49	3 31	10 2	0 38	11 22	0 4	2 7	1 34	24 29	0 47	18 23	0 4	1 33	2 1	34 30	13 5	5 57		5 37		16 41			n.a.
S 8	12 51	0 12	1 44	1 10	3 29	10 31	0 36	11 37	0 5	2 9	1 34	24 29	0 47	18 24	0 4	1 34	2 1	34 30	13 6	5 57		5 36		16 40			n.a.
M 9	13 10	4n11	0 31	1 34	3 25	10 59	0 34	11 52	0 5	2 11	1 34	24 29	0 47	18 25	0 4	1 35	2 1	34 31	13 6	5 58		5 35		16 39			n.a.
T 10	13 30	8 18	0s43	1 59	3 20	11 28	0 31	12 6	0 6	2 13	1 34	24 28	0 47	18 26	0 4	1 35	2 1	34 31	13 7	5 58		5 34		16 38			n.a.
W11	13 49	11 55	1 53	2 27	3 15	11 56	0 29	12 21	0 7	2 14	1 33	24 28	0 47	18 27	0 4	1 36	2 1	34 32	13 7	5 57		5 32		16 36			n.a.
T 12	14 8	14 54	2 56	2 57	3 9	12 23	0 27	12 36	0 7	2 16	1 33	24 28	0 47	18 28	0 4	1 37	2 1	34 32	13 7	5 56		5 31		16 35			n.a.
F 13	14 27	17 5	3 49	3 29	3 3	12 51	0 25	12 50	0 8	2 17	1 33	24 28	0 47	18 29	0 3	1 38	2 1	34 32	13 8	5 55		5 30		16 34			n.a.
S 14	14 46	18 25	4 30	4 3	2 56	13 18	0 22	13 5	0 8	2 19	1 33	24 27	0 47	18 30	0 3	1 38	2 1	34 33	13 8	5 54		5 29		16 33			n.a.
S 15	15 4	18 51	4 57	4 39	2 48	13 45	0 20	13 19	0 9	2 20	1 32	24 27	0 47	18 31	0 3	1 39	2 1	34 33	13 8	5 52		5 27		16 32			n.a.
M16	15 22	18 25	5 11	5 16	2 40	14 11	0 18	13 34	0 10	2 21	1 32	24 27	0 47	18 32	0 3	1 40	2 1	34 33	13 9	5 51		5 26		16 31			n.a.
T 17	15 40	17 10	5 12	5 55	2 31	14 38	0 15	13 48	0 10	2 23	1 32	24 27	0 47	18 33	0 3	1 41	2 1	34 34	13 9	5 49		5 25		16 30			n.a.
W18	15 58	15 12	4 59	6 36	2 21	15 3	0 13	14 2	0 11	2 24	1 31	24 26	0 47	18 34	0 3	1 41	2 1	34 34	13 9	5 49		5 24		16 29			n.a.
T 19	16 16	12 35	4 33	7 17	2 12	15 29	0 11	14 16	0 11	2 25	1 31	24 26	0 47	18 35	0 3	1 42	2 1	34 35	13 10	5 49		5 22		16 28			n.a.
F 20	16 33	9 25	3 55	8 1	2 1	15 54	0 8	14 29	0 12	2 26	1 31	24 26	0 47	18 36	0 3	1 43	2 1	34 35	13 10	5 49		5 21		16 27			n.a.
S 21	16 50	5 48	3 6	8 45	1 51	16 19	0 6	14 43	0 12	2 27	1 31	24 25	0 47	18 37	0 3	1 44	2 1	34 35	13 10	5 49		5 20		16 26			n.a.
S 22	17 6	1 53	2 8	9 31	1 40	16 43	0 4	14 57	0 13	2 28	1 30	24 25	0 47	18 38	0 3	1 44	2 1	34 36	13 11	5 50		5 18		16 25			n.a.
M23	17 23	2s14	1 2	10 18	1 29	17 7	0 1	15 10	0 14	2 29	1 30	24 25	0 47	18 38	0 3	1 45	2 1	34 36	13 11	5 50		5 17		16 24			n.a.
T 24	17 39	6 22	0n 9	11 5	1 17	17 30	0n 1	15 23	0 14	2 29	1 30	24 25	0 47	18 39	0 3	1 46	2 1	34 37	13 11	5 51		5 16		16 23			n.a.
W25	17 55	10 18	1 22	11 53	1 6	17 53	0 3	15 37	0 15	2 30	1 29	24 24	0 47	18 40	0 3	1 46	2 1	34 37	13 12	5 50		5 15		16 22			n.a.
T 26	18 11	13 47	2 31	12 42	0 54	18 16	0 6	15 50	0 15	2 31	1 29	24 24	0 47	18 41	0 3	1 47	2 1	34 37	13 12	5 49		5 13		16 21			n.a.
F 27	18 26	16 33	3 33	13 30	0 42	18 38	0 8	16 3	0 16	2 31	1 29	24 24	0 47	18 42	0 3	1 48	2 1	34 38	13 12	5 48		5 12		16 20			n.a.
S 28	18 41	18 19	4 23	14 19	0 30	18 59	0 10	16 15	0 17	2 32	1 28	24 23	0 47	18 43	0 3	1 48	2 2	34 38	13 13	5 46		5 11		16 19			n.a.
S 29	18 56	18 54	4 56	15 8	0 19	19 20	0 13	16 28	0 17	2 32	1 28	24 23	0 47	18 44	0 3	1 49	2 2	34 39	13 13	5 43		5 10		16 18			n.a.
M30	19 10	18 13	5 9	15 56	0 7	19 41	0 15	16 41	0 18	2 32	1 28	24 22	0 47	18 45	0 3	1 50	2 2	34 39	13 13	5 41		5 8		16 17			n.a.
T 31	19n24	16s21	5n 3	16n44	0n 4	20n 1	0n17	16n53	0n18	2n33	1n28	24n22	0n47	18n46	0s 3	1n50	2s 2	34s39	13s14	5s40		5s 7		16n16			n.a.

Julian Day Number = 1206175.5, Delta T = 09h17m34s
Ecliptic obliquity = 23°51'31, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'26, Lahiri = -23°25'26 Julian Calendar 1 May 1411 BCE == Greg. Calendar 18 Apr. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

JUNE 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 46 20	26♉ 9'59	10♒26	17♉15	27♉48	15♉34	26°R59	8♋38	22♉58	9♈12	24°R 6	14°R 4	12♎42	26♋56	n.a.	W 1
T 2	15 50 16	27° 7'05	24°38	19°21	29° 2	16°14	26♍58	8°44	23° 1	9°14	24♑ 6	14°D 3	12°38	27° 2	n.a.	T 2
F 3	15 54 13	28° 4'11	8♓36	21°27	0♊16	16°53	26°58	8°50	23° 5	9°15	24° 5	14♎ 3	12°35	27° 9	n.a.	F 3
S 4	15 58 9	29° 1'18	22°19	23°35	1°30	17°33	26°57	8°56	23° 8	9°17	24° 4	14° 4	12°32	27°16	n.a.	S 4
S 5	16 2 6	29°58'26	5♈47	25°43	2°44	18°12	26°57	9° 3	23°12	9°19	24° 4	14° 5	12°29	27°22	n.a.	S 5
M 6	16 6 2	0♊55'35	19° 2	27°52	3°57	18°51	26°56	9° 9	23°16	9°20	24° 3	14°R 6	12°26	27°29	n.a.	M 6
T 7	16 9 59	1°52'44	2♉ 4	0♊ 0	5°11	19°31	26°D56	9°16	23°19	9°22	24° 2	14° 4	12°22	27°36	n.a.	T 7
W 8	16 13 55	2°49'54	14°55	2° 8	6°25	20°10	26°56	9°22	23°23	9°23	24° 2	14° 0	12°19	27°43	n.a.	W 8
T 9	16 17 52	3°47'05	27°33	4°16	7°39	20°49	26°57	9°29	23°26	9°25	24° 1	13°54	12°16	27°49	n.a.	T 9
F 10	16 21 49	4°44'17	10♊ 1	6°23	8°53	21°28	26°57	9°35	23°30	9°26	24° 0	13°47	12°13	27°56	n.a.	F 10
S 11	16 25 45	5°41'30	22°19	8°29	10° 7	22° 7	26°58	9°42	23°34	9°28	24° 0	13°37	12°10	28° 3	n.a.	S 11
S 12	16 29 42	6°38'43	4♋27	10°34	11°21	22°46	26°59	9°49	23°37	9°29	23°59	13°28	12° 7	28° 9	n.a.	S 12
M13	16 33 38	7°35'57	16°27	12°38	12°35	23°25	27° 0	9°55	23°41	9°30	23°58	13°18	12° 3	28°16	n.a.	M13
T 14	16 37 35	8°33'11	28°21	14°41	13°49	24° 5	27° 1	10° 2	23°44	9°32	23°57	13°10	12° 0	28°23	n.a.	T 14
W15	16 41 31	9°30'26	10♌12	16°42	15° 3	24°44	27° 3	10° 9	23°48	9°33	23°56	13° 4	11°57	28°30	n.a.	W15
T 16	16 45 28	10°27'42	22° 3	18°41	16°17	25°23	27° 4	10°16	23°51	9°34	23°56	13° 0	11°54	28°36	n.a.	T 16
F 17	16 49 25	11°24'58	4♍ 0	20°40	17°31	26° 1	27° 6	10°23	23°55	9°36	23°55	12°58	11°51	28°43	n.a.	F 17
S 18	16 53 21	12°22'15	16° 7	22°36	18°45	26°40	27° 8	10°30	23°58	9°37	23°54	12°D58	11°47	28°50	n.a.	S 18
S 19	16 57 18	13°19'33	28°29	24°31	19°59	27°19	27°10	10°37	24° 2	9°38	23°53	12°59	11°44	28°57	n.a.	S 19
M20	17 1 14	14°16'51	11♎11	26°24	21°13	27°58	27°13	10°44	24° 5	9°39	23°52	12°R59	11°41	29° 3	n.a.	M20
T 21	17 5 11	15°14'10	24°18	28°16	22°27	28°37	27°15	10°51	24° 9	9°40	23°51	12°59	11°38	29°10	n.a.	T 21
W22	17 9 7	16°11'30	7♏51	0♋ 6	23°41	29°16	27°18	10°58	24°12	9°42	23°50	12°56	11°35	29°17	n.a.	W22
T 23	17 13 4	17° 8'51	21°52	1°55	24°55	29°55	27°21	11° 5	24°15	9°43	23°49	12°51	11°32	29°23	n.a.	T 23
F 24	17 17 0	18° 6'13	6♐19	3°41	26° 9	0♊33	27°24	11°12	24°19	9°44	23°48	12°44	11°28	29°30	n.a.	F 24
S 25	17 20 57	19° 3'36	21° 6	5°27	27°23	1°12	27°27	11°19	24°22	9°45	23°47	12°35	11°25	29°37	n.a.	S 25
S 26	17 24 54	20° 1'01	6♑ 6	7°10	28°37	1°51	27°30	11°26	24°26	9°46	23°46	12°26	11°22	29°44	n.a.	S 26
M27	17 28 50	20°58'26	21° 9	8°52	29°51	2°29	27°34	11°33	24°29	9°47	23°45	12°16	11°19	29°50	n.a.	M27
T 28	17 32 47	21°55'53	6♒ 5	10°33	1♋ 5	3° 8	27°37	11°41	24°32	9°48	23°44	12° 8	11°16	29°57	n.a.	T 28
W29	17 36 43	22°53'22	20°46	12°12	2°19	3°47	27°41	11°48	24°36	9°49	23°43	12° 3	11°13	0♌ 4	n.a.	W29
T 30	17 40 40	23♊50'52	5♓ 8	13♋49	3♋33	4♊25	27♍45	11♋55	24♉39	9♈50	23♑42	11♎59	11♎ 9	0♌10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19n38	13s29	4n38	17n31	0n15	20n20	0n20	17n 5	0n19	2n33	1n27	24n22	0n48	18n47	0s 3	1n51	2s 2	34s40	13s14	5s38	5s 6	16n15		n.a.
T 2	19 51	9 50	3 56	18 17	0 25	20 39	0 22	17 18	0 19	2 33	1 27	24 21	0 48	18 48	0 3	1 52	2 2	34 40	13 14	5 38	5 5	16 14		n.a.
F 3	20 5	5 43	3 0	19 1	0 35	20 57	0 24	17 30	0 20	2 33	1 27	24 21	0 48	18 49	0 3	1 52	2 2	34 41	13 15	5 38	5 3	16 13		n.a.
S 4	20 17	1 21	1 55	19 43	0 45	21 15	0 27	17 41	0 21	2 33	1 26	24 21	0 48	18 50	0 3	1 53	2 2	34 41	13 15	5 39	5 2	16 11		n.a.
S 5	20 30	3n 1	0 45	20 24	0 54	21 32	0 29	17 53	0 21	2 33	1 26	24 20	0 48	18 51	0 3	1 53	2 2	34 41	13 15	5 39	5 1	16 10		n.a.
M 6	20 42	7 10	0s27	21 3	1 3	21 49	0 31	18 5	0 22	2 33	1 26	24 20	0 48	18 52	0 3	1 54	2 2	34 42	13 16	5 39	5 0	16 9		n.a.
T 7	20 54	10 55	1 35	21 39	1 11	22 5	0 33	18 16	0 22	2 32	1 25	24 19	0 48	18 53	0 3	1 55	2 2	34 42	13 16	5 39	4 58	16 8		n.a.
W 8	21 5	14 4	2 38	22 13	1 18	22 20	0 35	18 28	0 23	2 32	1 25	24 19	0 48	18 53	0 3	1 55	2 2	34 43	13 16	5 37	4 57	16 7		n.a.
T 9	21 17	16 31	3 32	22 45	1 24	22 35	0 38	18 39	0 23	2 32	1 25	24 18	0 48	18 54	0 3	1 56	2 2	34 43	13 16	5 35	4 56	16 6		n.a.
F 10	21 27	18 9	4 15	23 14	1 30	22 49	0 40	18 50	0 24	2 31	1 24	24 18	0 48	18 55	0 3	1 56	2 2	34 44	13 17	5 32	4 55	16 5		n.a.
S 11	21 38	18 53	4 45	23 40	1 35	23 3	0 42	19 1	0 25	2 30	1 24	24 18	0 48	18 56	0 3	1 57	2 2	34 44	13 17	5 28	4 53	16 4		n.a.
S 12	21 48	18 45	5 2	24 4	1 40	23 16	0 44	19 12	0 25	2 30	1 24	24 17	0 48	18 57	0 3	1 57	2 2	34 44	13 17	5 24	4 52	16 3		n.a.
M13	21 58	17 47	5 5	24 25	1 43	23 28	0 46	19 22	0 26	2 29	1 23	24 17	0 48	18 58	0 3	1 58	2 2	34 45	13 18	5 20	4 51	16 2		n.a.
T 14	22 7	16 2	4 55	24 43	1 47	23 39	0 48	19 33	0 26	2 28	1 23	24 16	0 48	18 59	0 3	1 58	2 2	34 45	13 18	5 17	4 50	16 1		n.a.
W15	22 16	13 38	4 32	24 59	1 49	23 50	0 50	19 43	0 27	2 27	1 23	24 16	0 48	19 0	0 3	1 59	2 2	34 46	13 18	5 15	4 48	16 0		n.a.
T 16	22 24	10 39	3 58	25 12	1 51	24 0	0 52	19 53	0 27	2 26	1 22	24 15	0 48	19 1	0 3	1 59	2 2	34 46	13 18	5 13	4 47	15 58		n.a.
F 17	22 33	7 13	3 13	25 23	1 52	24 9	0 54	20 3	0 28	2 25	1 22	24 15	0 48	19 2	0 3	2 0	2 3	34 47	13 19	5 13	4 46	15 57		n.a.
S 18	22 40	3 27	2 19	25 31	1 52	24 18	0 56	20 13	0 29	2 24	1 22	24 14	0 48	19 3	0 3	2 0	2 3	34 47	13 19	5 12	4 44	15 56		n.a.
S 19	22 48	0s33	1 17	25 36	1 52	24 26	0 57	20 23	0 29	2 23	1 22	24 14	0 48	19 3	0 3	2 0	2 3	34 47	13 19	5 13	4 43	15 55		n.a.
M20	22 55	4 39	0 10	25 40	1 51	24 33	0 59	20 32	0 30	2 22	1 21	24 13	0 48	19 4	0 3	2 1	2 3	34 48	13 19	5 13	4 42	15 54		n.a.
T 21	23 1	8 39	1n 0	25 41	1 50	24 39	1 1	20 41	0 30	2 21	1 21	24 13	0 48	19 5	0 3	2 1	2 3	34 48	13 20	5 13	4 41	15 53		n.a.
W22	23 8	12 21	2 9	25 39	1 48	24 45	1 3	20 51	0 31	2 19	1 21	24 12	0 48	19 6	0 3	2 2	2 3	34 49	13 20	5 12	4 39	15 52		n.a.
T 23	23 13	15 28	3 12	25 36	1 45	24 50	1 4	21 0	0 31	2 18	1 20	24 11	0 48	19 7	0 3	2 2	2 3	34 49	13 20	5 10	4 38	15 51		n.a.
F 24	23 19	17 44	4 4	25 31	1 42	24 54	1 6	21 9	0 32	2 16	1 20	24 11	0 48	19 8	0 3	2 2	2 3	34 50	13 20	5 7	4 37	15 50		n.a.
S 25	23 24	18 52	4 42	25 24	1 39	24 57	1 8	21 17	0 32	2 15	1 20	24 10	0 48	19 9	0 3	2 3	2 3	34 50	13 21	5 3	4 36	15 48		n.a.
S 26	23 28	18 43	5 1	25 15	1 35	25 0	1 9	21 26	0 33	2 13	1 19	24 10	0 49	19 9	0 3	2 3	2 3	34 50	13 21	5 0	4 34	15 47		n.a.
M27	23 33	17 14	4 59	25 4	1 31	25 2	1 10	21 34	0 34	2 11	1 19	24 9	0 49	19 10	0 3	2 3	2 3	34 51	13 21	4 56	4 33	15 46		n.a.
T 28	23 36	14 37	4 37	24 52	1 26	25 3	1 12	21 42	0 34	2 10	1 19	24 9	0 49	19 11	0 3	2 4	2 3	34 51	13 21	4 53	4 32	15 45		n.a.
W29	23 40	11 5	3 57	24 38	1 21	25 3	1 13	21 51	0 35	2 8	1 18	24 8	0 49	19 12	0 3	2 4	2 3	34 52	13 21	4 50	4 31	15 44		n.a.
T 30	23n43	6s58	3n 2	24n23	1n16	25n 3	1n15	21n58	0n35	2n 6	1n18	24n 7	0n49	19n13	0s 3	2n 4	2s 3	34s52	13s22	4s49	4s29	15n43		n.a.

Julian Day Number = 1206206.5, Delta T = 09h17m32s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'22, Lahiri = -23°25'21 Julian Calendar 1 June 1411 BCE == Greg. Calendar 19 May 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

JULY 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 44 36	24♊48'23	19♓ 8	15♋25	4♋47	5♊ 4	27♍49	12♋ 3	24♉42	9♈50	23°R41	11°R58	11♎ 6	0♌17	n.a.	F 1
S 2	17 48 33	25°45'57	2♈46	16°59	6° 1	5°42	27°54	12°10	24°45	9°51	23♑40	11°D58	11° 3	0°24	n.a.	S 2
S 3	17 52 29	26°43'32	16° 4	18°31	7°15	6°21	27°58	12°17	24°49	9°52	23°39	11°R58	11° 0	0°31	n.a.	S 3
M 4	17 56 26	27°41'08	29° 4	20° 2	8°30	6°59	28° 3	12°25	24°52	9°53	23°38	11♎57	10°57	0°37	n.a.	M 4
T 5	18 0 23	28°38'46	11♉49	21°32	9°44	7°38	28° 8	12°32	24°55	9°54	23°37	11°54	10°53	0°44	n.a.	T 5
W 6	18 4 19	29°36'27	24°23	23° 0	10°58	8°16	28°13	12°39	24°58	9°54	23°35	11°48	10°50	0°51	n.a.	W 6
T 7	18 8 16	0♋34'08	6♊46	24°26	12°12	8°54	28°18	12°47	25° 1	9°55	23°34	11°39	10°47	0°57	n.a.	T 7
F 8	18 12 12	1°31'52	19° 0	25°50	13°26	9°33	28°23	12°54	25° 4	9°56	23°33	11°28	10°44	1° 4	n.a.	F 8
S 9	18 16 9	2°29'37	1♋ 7	27°13	14°40	10°11	28°29	13° 2	25° 7	9°56	23°32	11°15	10°41	1°11	n.a.	S 9
S 10	18 20 5	3°27'23	13° 7	28°34	15°55	10°49	28°34	13° 9	25°10	9°57	23°31	11° 1	10°38	1°18	n.a.	S 10
M11	18 24 2	4°25'11	25° 2	29°54	17° 9	11°28	28°40	13°16	25°13	9°57	23°30	10°48	10°34	1°24	n.a.	M11
T 12	18 27 58	5°23'01	6♌54	1♌12	18°23	12° 6	28°46	13°24	25°16	9°58	23°28	10°36	10°31	1°31	n.a.	T 12
W13	18 31 55	6°20'52	18°43	2°27	19°37	12°44	28°52	13°31	25°19	9°58	23°27	10°26	10°28	1°38	n.a.	W13
T 14	18 35 52	7°18'45	0♍34	3°41	20°52	13°22	28°58	13°39	25°22	9°59	23°26	10°19	10°25	1°44	n.a.	T 14
F 15	18 39 48	8°16'39	12°30	4°53	22° 6	14° 1	29° 5	13°46	25°25	9°59	23°25	10°15	10°22	1°51	n.a.	F 15
S 16	18 43 45	9°14'34	24°35	6° 3	23°20	14°39	29°11	13°54	25°28	10° 0	23°24	10°13	10°19	1°58	n.a.	S 16
S 17	18 47 41	10°12'31	6♎54	7°11	24°34	15°17	29°18	14° 1	25°31	10° 0	23°22	10°13	10°15	2° 5	n.a.	S 17
M18	18 51 38	11°10'29	19°32	8°16	25°48	15°55	29°25	14° 9	25°34	10° 0	23°21	10°13	10°12	2°11	n.a.	M18
T 19	18 55 34	12° 8'29	2♏34	9°19	27° 3	16°33	29°32	14°16	25°36	10° 1	23°20	10°12	10° 9	2°18	n.a.	T 19
W20	18 59 31	13° 6'31	16° 4	10°20	28°17	17°11	29°39	14°24	25°39	10° 1	23°19	10° 9	10° 6	2°25	n.a.	W20
T 21	19 3 27	14° 4'34	0♐ 4	11°18	29°31	17°49	29°46	14°31	25°42	10° 1	23°17	10° 4	10° 3	2°31	n.a.	T 21
F 22	19 7 24	15° 2'39	14°33	12°13	0♌45	18°27	29°53	14°39	25°44	10° 1	23°16	9°56	9°59	2°38	n.a.	F 22
S 23	19 11 21	16° 0'45	29°27	13° 5	2° 0	19° 5	0♎ 1	14°47	25°47	10° 1	23°15	9°46	9°56	2°45	n.a.	S 23
S 24	19 15 17	16°58'54	14♑39	13°55	3°14	19°43	0° 8	14°54	25°50	10° 2	23°14	9°35	9°53	2°52	n.a.	S 24
M25	19 19 14	17°57'04	29°57	14°40	4°28	20°21	0°16	15° 2	25°52	10° 2	23°12	9°25	9°50	2°58	n.a.	M25
T 26	19 23 10	18°55'16	15♒10	15°23	5°42	20°59	0°24	15° 9	25°55	10° 2	23°11	9°16	9°47	3° 5	n.a.	T 26
W27	19 27 7	19°53'30	0♓ 9	16° 1	6°57	21°37	0°32	15°17	25°57	10°R 2	23°10	9° 9	9°44	3°12	n.a.	W27
T 28	19 31 3	20°51'46	14°45	16°35	8°11	22°14	0°40	15°24	26° 0	10° 2	23° 9	9° 5	9°40	3°18	n.a.	T 28
F 29	19 35 0	21°50'05	28°55	17° 6	9°25	22°52	0°48	15°32	26° 2	10° 2	23° 7	9° 3	9°37	3°25	n.a.	F 29
S 30	19 38 56	22°48'25	12♈38	17°31	10°39	23°30	0°57	15°39	26° 4	10° 2	23° 6	9°D 3	9°34	3°32	n.a.	S 30
S 31	19 42 53	23♋46'48	25♈56	17♌52	11♌54	24♊ 8	1♎ 5	15♋47	26♉ 7	10♈ 1	23♑ 5	9°R 3	9♎31	3♌39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n45	2s34	1n58	24n 6	1n10	25n 2	1n16	22n 6	0n36	2n 4	1n18	24n 7	0n49	19n14	0s 3	2n 5	2s 3	34s52	13s22	4s49	4s28	15n42		n.a.
S 2	23 47	1n52	0 49	23 48	1 3	25 0	1 17	22 14	0 36	2 2	1 18	24 6	0 49	19 14	0 3	2 5	2 4	34 53	13 22	4 49	4 27	15 41		n.a.
S 3	23 49	6 6	0s22	23 29	0 57	24 57	1 18	22 21	0 37	2 0	1 17	24 5	0 49	19 15	0 3	2 5	2 4	34 53	13 22	4 49	4 26	15 39		n.a.
M 4	23 50	9 57	1 29	23 9	0 50	24 54	1 19	22 28	0 37	1 58	1 17	24 5	0 49	19 16	0 3	2 5	2 4	34 54	13 22	4 48	4 24	15 38		n.a.
T 5	23 51	13 15	2 31	22 48	0 43	24 50	1 20	22 35	0 38	1 55	1 17	24 4	0 49	19 17	0 3	2 6	2 4	34 54	13 23	4 47	4 23	15 37		n.a.
W 6	23 51	15 54	3 24	22 26	0 35	24 45	1 21	22 42	0 39	1 53	1 16	24 4	0 49	19 18	0 3	2 6	2 4	34 54	13 23	4 45	4 22	15 36		n.a.
T 7	23 51	17 46	4 7	22 3	0 27	24 39	1 22	22 49	0 39	1 51	1 16	24 3	0 49	19 18	0 3	2 6	2 4	34 55	13 23	4 41	4 20	15 35		n.a.
F 8	23 51	18 47	4 38	21 40	0 19	24 32	1 23	22 55	0 40	1 48	1 16	24 2	0 49	19 19	0 3	2 6	2 4	34 55	13 23	4 37	4 19	15 34		n.a.
S 9	23 50	18 56	4 55	21 16	0 11	24 25	1 24	23 2	0 40	1 46	1 15	24 2	0 49	19 20	0 3	2 6	2 4	34 56	13 23	4 32	4 18	15 33		n.a.
S 10	23 49	18 14	5 0	20 51	0 2	24 17	1 24	23 8	0 41	1 43	1 15	24 1	0 49	19 21	0 3	2 7	2 4	34 56	13 23	4 26	4 17	15 31		n.a.
M11	23 47	16 44	4 51	20 25	0s 6	24 9	1 25	23 14	0 41	1 41	1 15	24 0	0 49	19 21	0 3	2 7	2 4	34 56	13 24	4 21	4 15	15 30		n.a.
T 12	23 45	14 32	4 29	20 0	0 15	23 59	1 26	23 20	0 42	1 38	1 15	23 59	0 50	19 22	0 3	2 7	2 4	34 57	13 24	4 16	4 14	15 29		n.a.
W13	23 42	11 44	3 56	19 34	0 24	23 49	1 26	23 25	0 42	1 35	1 14	23 59	0 50	19 23	0 3	2 7	2 4	34 57	13 24	4 12	4 13	15 28		n.a.
T 14	23 39	8 27	3 13	19 7	0 34	23 38	1 27	23 31	0 43	1 33	1 14	23 58	0 50	19 24	0 3	2 7	2 4	34 57	13 24	4 9	4 12	15 27		n.a.
F 15	23 36	4 49	2 21	18 41	0 43	23 26	1 27	23 36	0 44	1 30	1 14	23 57	0 50	19 24	0 3	2 7	2 4	34 58	13 24	4 8	4 10	15 26		n.a.
S 16	23 32	0 57	1 22	18 14	0 53	23 14	1 27	23 41	0 44	1 27	1 13	23 57	0 50	19 25	0 3	2 7	2 4	34 58	13 24	4 7	4 9	15 24		n.a.
S 17	23 27	3s 3	0 18	17 47	1 3	23 1	1 28	23 46	0 45	1 24	1 13	23 56	0 50	19 26	0 3	2 7	2 5	34 58	13 24	4 7	4 8	15 23		n.a.
M18	23 23	7 1	0n49	17 21	1 13	22 48	1 28	23 51	0 45	1 21	1 13	23 55	0 50	19 26	0 3	2 8	2 5	34 59	13 24	4 7	4 7	15 22		n.a.
T 19	23 18	10 46	1 55	16 55	1 23	22 33	1 28	23 55	0 46	1 18	1 13	23 54	0 50	19 27	0 3	2 8	2 5	34 59	13 25	4 6	4 5	15 21		n.a.
W20	23 12	14 6	2 57	16 28	1 33	22 18	1 28	24 0	0 46	1 15	1 12	23 54	0 50	19 28	0 3	2 8	2 5	34 59	13 25	4 5	4 4	15 20		n.a.
T 21	23 6	16 45	3 51	16 3	1 43	22 3	1 28	24 4	0 47	1 12	1 12	23 53	0 50	19 28	0 3	2 8	2 5	35 0	13 25	4 3	4 3	15 19		n.a.
F 22	23 0	18 26	4 32	15 38	1 53	21 46	1 28	24 8	0 47	1 8	1 12	23 52	0 50	19 29	0 3	2 8	2 5	35 0	13 25	4 0	4 1	15 17		n.a.
S 23	22 53	18 56	4 56	15 13	2 3	21 29	1 28	24 12	0 48	1 5	1 12	23 51	0 50	19 30	0 3	2 8	2 5	35 0	13 25	3 56	4 0	15 16		n.a.
S 24	22 45	18 5	4 59	14 49	2 13	21 12	1 28	24 15	0 48	1 2	1 11	23 51	0 50	19 30	0 3	2 8	2 5	35 1	13 25	3 52	3 59	15 15		n.a.
M25	22 38	15 56	4 42	14 26	2 23	20 54	1 27	24 19	0 49	0 58	1 11	23 50	0 51	19 31	0 3	2 8	2 5	35 1	13 25	3 48	3 58	15 14		n.a.
T 26	22 30	12 41	4 4	14 4	2 33	20 35	1 27	24 22	0 50	0 55	1 11	23 49	0 51	19 31	0 3	2 8	2 5	35 1	13 25	3 44	3 56	15 13		n.a.
W27	22 21	8 39	3 10	13 43	2 43	20 15	1 27	24 25	0 50	0 52	1 11	23 48	0 51	19 32	0 3	2 7	2 5	35 2	13 25	3 41	3 55	15 11		n.a.
T 28	22 12	4 12	2 5	13 24	2 53	19 55	1 26	24 28	0 51	0 48	1 10	23 48	0 51	19 33	0 3	2 7	2 5	35 2	13 25	3 40	3 54	15 10		n.a.
F 29	22 3	0n22	0 53	13 6	3 2	19 35	1 26	24 31	0 51	0 45	1 10	23 47	0 51	19 33	0 3	2 7	2 5	35 2	13 25	3 39	3 53	15 9		n.a.
S 30	21 53	4 47	0s19	12 49	3 11	19 14	1 25	24 33	0 52	0 41	1 10	23 46	0 51	19 34	0 3	2 7	2 5	35 2	13 25	3 39	3 51	15 8		n.a.
S 31	21n43	8n49	1s28	12n35	3s20	18n52	1n24	24n36	0n52	0n37	1n10	23n45	0n51	19n34	0s 3	2n 7	2s 6	35s 3	13s25	3s39	3s50	15n 7		n.a.

Julian Day Number = 1206236.5, Delta T = 09h17m31s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'18, Lahiri = -23°25'17 Julian Calendar 1 July 1411 BCE == Greg. Calendar 18 June 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

AUGUST 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 46 50	24♋45'14	8♉51	18♌ 7	13♌ 8	24♊46	1♎14	15♋54	26♉ 9	10°R 1	23°R 4	9°R 2	9♎28	3♌45	n.a.	M 1
T 2	19 50 46	25°43'41	21°29	18°17	14°22	25°23	1°23	16° 1	26°11	10♈ 1	23♑ 2	8♎59	9°25	3°52	n.a.	T 2
W 3	19 54 43	26°42'11	3♊52	18°R20	15°36	26° 1	1°31	16° 9	26°13	10° 1	23° 1	8°54	9°21	3°59	n.a.	W 3
T 4	19 58 39	27°40'44	16° 5	18°18	16°51	26°39	1°40	16°16	26°16	10° 1	23° 0	8°46	9°18	4° 5	n.a.	T 4
F 5	20 2 36	28°39'18	28° 9	18° 9	18° 5	27°16	1°50	16°24	26°18	10° 0	22°59	8°36	9°15	4°12	n.a.	F 5
S 6	20 6 32	29°37'55	10♋ 7	17°54	19°19	27°54	1°59	16°31	26°20	10° 0	22°57	8°24	9°12	4°19	n.a.	S 6
S 7	20 10 29	0♌36'34	22° 2	17°31	20°33	28°32	2° 8	16°39	26°22	10° 0	22°56	8°11	9° 9	4°26	n.a.	S 7
M 8	20 14 25	1°35'15	3♌54	17° 2	21°48	29° 9	2°17	16°46	26°24	9°59	22°55	7°58	9° 5	4°32	n.a.	M 8
T 9	20 18 22	2°33'58	15°44	16°26	23° 2	29°47	2°27	16°53	26°26	9°59	22°54	7°47	9° 2	4°39	n.a.	T 9
W10	20 22 18	3°32'44	27°35	15°43	24°16	0♋24	2°37	17° 1	26°28	9°58	22°52	7°38	8°59	4°46	n.a.	W10
T 11	20 26 15	4°31'31	9♍29	14°54	25°30	1° 2	2°46	17° 8	26°29	9°58	22°51	7°31	8°56	4°52	n.a.	T 11
F 12	20 30 12	5°30'20	21°28	14° 0	26°45	1°39	2°56	17°15	26°31	9°58	22°50	7°28	8°53	4°59	n.a.	F 12
S 13	20 34 8	6°29'11	3♎35	13° 0	27°59	2°17	3° 6	17°22	26°33	9°57	22°49	7°D26	8°50	5° 6	n.a.	S 13
S 14	20 38 5	7°28'04	15°55	11°57	29°13	2°54	3°16	17°30	26°35	9°56	22°47	7°27	8°46	5°13	n.a.	S 14
M15	20 42 1	8°26'59	28°31	10°52	0♍27	3°31	3°26	17°37	26°36	9°56	22°46	7°27	8°43	5°19	n.a.	M15
T 16	20 45 58	9°25'56	11♏29	9°46	1°41	4° 9	3°37	17°44	26°38	9°55	22°45	7°R28	8°40	5°26	n.a.	T 16
W17	20 49 54	10°24'55	24°52	8°40	2°56	4°46	3°47	17°51	26°39	9°55	22°44	7°27	8°37	5°33	n.a.	W17
T 18	20 53 51	11°23'56	8♐43	7°38	4°10	5°24	3°57	17°58	26°41	9°54	22°42	7°24	8°34	5°39	n.a.	T 18
F 19	20 57 47	12°22'59	23° 3	6°39	5°24	6° 1	4° 8	18° 5	26°42	9°53	22°41	7°18	8°31	5°46	n.a.	F 19
S 20	21 1 44	13°22'04	7♑48	5°46	6°38	6°38	4°18	18°13	26°44	9°52	22°40	7°11	8°27	5°53	n.a.	S 20
S 21	21 5 40	14°21'10	22°54	5° 0	7°52	7°15	4°29	18°20	26°45	9°52	22°39	7° 3	8°24	5°59	n.a.	S 21
M22	21 9 37	15°20'19	8♒11	4°22	9° 6	7°53	4°40	18°27	26°47	9°51	22°38	6°55	8°21	6° 6	n.a.	M22
T 23	21 13 34	16°19'30	23°29	3°54	10°21	8°30	4°51	18°34	26°48	9°50	22°37	6°49	8°18	6°13	n.a.	T 23
W24	21 17 30	17°18'43	8♓35	3°36	11°35	9° 7	5° 2	18°40	26°49	9°49	22°36	6°44	8°15	6°20	n.a.	W24
T 25	21 21 27	18°17'58	23°22	3°D28	12°49	9°44	5°13	18°47	26°50	9°48	22°34	6°41	8°11	6°26	n.a.	T 25
F 26	21 25 23	19°17'16	7♈43	3°31	14° 3	10°21	5°24	18°54	26°51	9°47	22°33	6°D40	8° 8	6°33	n.a.	F 26
S 27	21 29 20	20°16'36	21°36	3°44	15°17	10°58	5°35	19° 1	26°52	9°46	22°32	6°41	8° 5	6°40	n.a.	S 27
S 28	21 33 16	21°15'59	5♉ 1	4° 7	16°31	11°35	5°47	19° 8	26°53	9°45	22°31	6°42	8° 2	6°46	n.a.	S 28
M29	21 37 13	22°15'24	18° 1	4°41	17°45	12°12	5°58	19°15	26°54	9°44	22°30	6°R43	7°59	6°53	n.a.	M29
T 30	21 41 9	23°14'52	0♊40	5°23	18°59	12°49	6° 9	19°21	26°55	9°43	22°29	6°43	7°56	7° 0	n.a.	T 30
W31	21 45 6	24♌14'22	13♊ 1	6♌14	20♍13	13♋26	6♎21	19♋28	26♉56	9♈42	22♑28	6♎41	7♎52	7♌ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n33	12n19	2s31	12n22	3s28	18n30	1n24	24n38	0n53	0n34	1n 9	23n44	0n51	19n35	0s 3	2n 7	2s 6	35s 3	13s25	3s38	3s49	15n 5		n.a.
T 2	21 22	15 9	3 25	12 12	3 36	18 8	1 23	24 40	0 53	0 30	1 9	23 44	0 51	19 36	0 3	2 7	2 6	35 3	13 25	3 37	3 47	15 4		n.a.
W 3	21 11	17 14	4 8	12 4	3 43	17 44	1 22	24 42	0 54	0 26	1 9	23 43	0 51	19 36	0 3	2 7	2 6	35 4	13 25	3 35	3 46	15 3		n.a.
T 4	20 59	18 30	4 39	11 59	3 49	17 21	1 21	24 43	0 54	0 22	1 9	23 42	0 51	19 37	0 3	2 7	2 6	35 4	13 25	3 32	3 45	15 2		n.a.
F 5	20 47	18 54	4 57	11 56	3 55	16 57	1 20	24 45	0 55	0 18	1 8	23 41	0 52	19 37	0 3	2 6	2 6	35 4	13 25	3 28	3 44	15 1		n.a.
S 6	20 35	18 27	5 2	11 57	3 59	16 32	1 19	24 46	0 56	0 14	1 8	23 40	0 52	19 38	0 3	2 6	2 6	35 4	13 25	3 23	3 42	14 59		n.a.
S 7	20 22	17 12	4 53	12 1	4 2	16 7	1 18	24 47	0 56	0 10	1 8	23 39	0 52	19 38	0 3	2 6	2 6	35 5	13 25	3 18	3 41	14 58		n.a.
M 8	20 9	15 13	4 32	12 8	4 4	15 42	1 17	24 48	0 57	0 6	1 8	23 39	0 52	19 39	0 3	2 6	2 6	35 5	13 25	3 13	3 40	14 57		n.a.
T 9	19 56	12 36	3 59	12 19	4 4	15 16	1 15	24 49	0 57	0 2	1 7	23 38	0 52	19 39	0 3	2 6	2 6	35 5	13 25	3 8	3 39	14 56		n.a.
W10	19 42	9 28	3 16	12 33	4 3	14 49	1 14	24 49	0 58	0s 2	1 7	23 37	0 52	19 39	0 3	2 5	2 6	35 5	13 25	3 5	3 37	14 55		n.a.
T 11	19 28	5 56	2 23	12 50	4 0	14 23	1 13	24 49	0 58	0 6	1 7	23 36	0 52	19 40	0 3	2 5	2 6	35 5	13 25	3 2	3 36	14 53		n.a.
F 12	19 13	2 9	1 24	13 11	3 54	13 56	1 11	24 50	0 59	0 10	1 7	23 35	0 52	19 40	0 3	2 5	2 6	35 6	13 25	3 1	3 35	14 52		n.a.
S 13	18 59	1s46	0 21	13 35	3 47	13 28	1 10	24 50	0 59	0 14	1 7	23 34	0 52	19 41	0 3	2 5	2 6	35 6	13 25	3 0	3 33	14 51		n.a.
S 14	18 44	5 40	0n45	14 1	3 38	13 0	1 8	24 49	1 0	0 19	1 6	23 33	0 52	19 41	0 3	2 4	2 6	35 6	13 25	3 0	3 32	14 50		n.a.
M15	18 28	9 25	1 51	14 30	3 27	12 32	1 6	24 49	1 0	0 23	1 6	23 33	0 53	19 42	0 3	2 4	2 7	35 6	13 25	3 0	3 31	14 48		n.a.
T 16	18 12	12 49	2 52	15 0	3 14	12 4	1 5	24 48	1 1	0 27	1 6	23 32	0 53	19 42	0 3	2 4	2 7	35 6	13 25	3 1	3 30	14 47		n.a.
W17	17 56	15 40	3 46	15 32	2 59	11 35	1 3	24 48	1 1	0 32	1 6	23 31	0 53	19 42	0 3	2 3	2 7	35 6	13 25	3 0	3 28	14 46		n.a.
T 18	17 40	17 43	4 29	16 4	2 42	11 6	1 1	24 47	1 2	0 36	1 6	23 30	0 53	19 43	0 3	2 3	2 7	35 7	13 25	2 59	3 27	14 45		n.a.
F 19	17 23	18 44	4 57	16 36	2 25	10 37	0 59	24 46	1 3	0 40	1 5	23 29	0 53	19 43	0 3	2 3	2 7	35 7	13 25	2 57	3 26	14 43		n.a.
S 20	17 6	18 32	5 6	17 8	2 6	10 7	0 57	24 44	1 3	0 45	1 5	23 28	0 53	19 43	0 3	2 2	2 7	35 7	13 25	2 54	3 25	14 42		n.a.
S 21	16 49	17 2	4 55	17 38	1 46	9 37	0 55	24 43	1 4	0 49	1 5	23 28	0 53	19 44	0 3	2 2	2 7	35 7	13 25	2 51	3 23	14 41		n.a.
M22	16 31	14 19	4 22	18 6	1 27	9 7	0 53	24 41	1 4	0 54	1 5	23 27	0 53	19 44	0 3	2 2	2 7	35 7	13 25	2 48	3 22	14 40		n.a.
T 23	16 13	10 37	3 31	18 32	1 7	8 36	0 51	24 39	1 5	0 58	1 5	23 26	0 54	19 44	0 3	2 1	2 7	35 7	13 25	2 45	3 21	14 38		n.a.
W24	15 55	6 15	2 25	18 55	0 48	8 6	0 49	24 37	1 5	1 3	1 4	23 25	0 54	19 45	0 3	2 1	2 7	35 7	13 25	2 43	3 19	14 37		n.a.
T 25	15 37	1 35	1 11	19 15	0 29	7 35	0 47	24 35	1 6	1 8	1 4	23 24	0 54	19 45	0 3	2 0	2 7	35 7	13 24	2 42	3 18	14 36		n.a.
F 26	15 18	3n 2	0s 6	19 32	0 11	7 4	0 45	24 33	1 6	1 12	1 4	23 23	0 54	19 45	0 3	2 0	2 7	35 8	13 24	2 42	3 17	14 35		n.a.
S 27	14 59	7 20	1 20	19 46	0n 6	6 33	0 42	24 30	1 7	1 17	1 4	23 22	0 54	19 45	0 3	2 0	2 7	35 8	13 24	2 42	3 16	14 33		n.a.
S 28	14 40	11 7	2 27	19 55	0 22	6 1	0 40	24 28	1 7	1 22	1 4	23 22	0 54	19 46	0 3	1 59	2 7	35 8	13 24	2 42	3 14	14 32		n.a.
M29	14 20	14 13	3 25	20 2	0 37	5 30	0 38	24 25	1 8	1 26	1 3	23 21	0 54	19 46	0 3	1 59	2 7	35 8	13 24	2 43	3 13	14 31		n.a.
T 30	14 0	16 34	4 11	20 4	0 51	4 58	0 35	24 22	1 9	1 31	1 3	23 20	0 54	19 46	0 3	1 58	2 7	35 8	13 24	2 43	3 12	14 30		n.a.
W31	13n40	18n 4	4s44	20n 3	1n 3	4n26	0n33	24n19	1n 9	1s36	1n 3	23n19	0n55	19n46	0s 3	1n58	2s 7	35s 8	13s24	2s42	3s11	14n28		n.a.

Julian Day Number = 1206267.5, Delta T = 09h17m29s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'14, Lahiri = -23°25'13 Julian Calendar 1 Aug. 1411 BCE == Greg. Calendar 19 July 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

SEPTEMBER 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 49 2	25♌13'55	25♊ 9	7♌12	21♍27	14♋ 3	6♎32	19♋34	26♉57	9°R41	22°R27	6°R37	7♎49	7♌13	n.a.	T 1
F 2	21 52 59	26°13'30	7♋ 8	8°17	22°41	14°40	6°44	19°41	26°58	9♈40	22♏26	6♎32	7°46	7°20	n.a.	F 2
S 3	21 56 56	27°13'07	19° 2	9°29	23°55	15°17	6°56	19°48	26°58	9°39	22°25	6°25	7°43	7°27	n.a.	S 3
S 4	22 0 52	28°12'47	0♌53	10°46	25° 9	15°54	7° 8	19°54	26°59	9°38	22°24	6°17	7°40	7°33	n.a.	S 4
M 5	22 4 49	29°12'29	12°44	12° 7	26°23	16°31	7°20	20° 0	27° 0	9°36	22°23	6°10	7°36	7°40	n.a.	M 5
T 6	22 8 45	0♍12'14	24°37	13°33	27°37	17° 8	7°32	20° 7	27° 0	9°35	22°22	6° 4	7°33	7°47	n.a.	T 6
W 7	22 12 42	1°12'00	6♍33	15° 2	28°51	17°44	7°44	20°13	27° 1	9°34	22°21	5°59	7°30	7°53	n.a.	W 7
T 8	22 16 38	2°11'49	18°34	16°34	0♎ 5	18°21	7°56	20°19	27° 1	9°33	22°20	5°55	7°27	8° 0	n.a.	T 8
F 9	22 20 35	3°11'39	0♎43	18° 8	1°19	18°58	8° 8	20°26	27° 1	9°31	22°19	5°D54	7°24	8° 7	n.a.	F 9
S 10	22 24 31	4°11'32	13° 0	19°44	2°33	19°35	8°20	20°32	27° 2	9°30	22°18	5°54	7°21	8°14	n.a.	S 10
S 11	22 28 28	5°11'26	25°29	21°21	3°47	20°11	8°32	20°38	27° 2	9°29	22°17	5°55	7°17	8°20	n.a.	S 11
M12	22 32 24	6°11'23	8♏12	23° 0	5° 1	20°48	8°45	20°44	27° 2	9°27	22°16	5°57	7°14	8°27	n.a.	M12
T 13	22 36 21	7°11'21	21°13	24°40	6°15	21°24	8°57	20°50	27° 2	9°26	22°16	5°58	7°11	8°34	n.a.	T 13
W14	22 40 18	8°11'21	4♐33	26°20	7°29	22° 1	9° 9	20°56	27° 3	9°25	22°15	5°R59	7° 8	8°40	n.a.	W14
T 15	22 44 14	9°11'23	18°15	28° 1	8°43	22°38	9°22	21° 2	27°R 3	9°23	22°14	5°59	7° 5	8°47	n.a.	T 15
F 16	22 48 11	10°11'27	2♑21	29°42	9°56	23°14	9°34	21° 7	27° 3	9°22	22°13	5°57	7° 2	8°54	n.a.	F 16
S 17	22 52 7	11°11'33	16°49	1♍23	11°10	23°51	9°47	21°13	27° 2	9°20	22°12	5°55	6°58	9° 1	n.a.	S 17
S 18	22 56 4	12°11'40	1♒35	3° 4	12°24	24°27	10° 0	21°19	27° 2	9°19	22°12	5°52	6°55	9° 7	n.a.	S 18
M19	23 0 0	13°11'49	16°34	4°45	13°38	25° 3	10°12	21°24	27° 2	9°17	22°11	5°49	6°52	9°14	n.a.	M19
T 20	23 3 57	14°12'00	1♓37	6°26	14°51	25°40	10°25	21°30	27° 2	9°16	22°10	5°46	6°49	9°21	n.a.	T 20
W21	23 7 53	15°12'12	16°35	8° 6	16° 5	26°16	10°38	21°35	27° 2	9°14	22°10	5°44	6°46	9°27	n.a.	W21
T 22	23 11 50	16°12'27	1♈20	9°47	17°19	26°52	10°51	21°41	27° 1	9°13	22° 9	5°D43	6°42	9°34	n.a.	T 22
F 23	23 15 47	17°12'43	15°44	11°27	18°33	27°29	11° 4	21°46	27° 1	9°11	22° 8	5°43	6°39	9°41	n.a.	F 23
S 24	23 19 43	18°13'02	29°44	13° 6	19°46	28° 5	11°17	21°51	27° 1	9°10	22° 8	5°44	6°36	9°47	n.a.	S 24
S 25	23 23 40	19°13'23	13♉17	14°46	21° 0	28°41	11°30	21°56	27° 0	9° 8	22° 7	5°45	6°33	9°54	n.a.	S 25
M26	23 27 36	20°13'46	26°24	16°25	22°13	29°17	11°43	22° 2	27° 0	9° 7	22° 7	5°47	6°30	10° 1	n.a.	M26
T 27	23 31 33	21°14'11	9♊ 8	18° 3	23°27	29°53	11°56	22° 7	26°59	9° 5	22° 6	5°48	6°27	10° 8	n.a.	T 27
W28	23 35 29	22°14'38	21°33	19°41	24°41	0♌29	12° 9	22°11	26°58	9° 3	22° 5	5°R48	6°23	10°14	n.a.	W28
T 29	23 39 26	23°15'07	3♋42	21°19	25°54	1° 6	12°22	22°16	26°58	9° 2	22° 5	5°48	6°20	10°21	n.a.	T 29
F 30	23 43 22	24♍15'39	15♋41	22♍57	27♎ 8	1♌42	12♎35	22♋21	26♉57	9♈ 0	22♏ 5	5♎47	6♎17	10♌28	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n20	18n43	5s 4	19n59	1n14	3n54	0n30	24n15	1n10	1s41	1n 3	23n18	0n55	19n47	0s 3	1n57	2s 7	35s 8	13s24	2s40	3s 9	14n27		n.a.
F 2	13 0	18 31	5 10	19 51	1 23	3 22	0 28	24 12	1 10	1 46	1 3	23 17	0 55	19 47	0 3	1 57	2 8	35 8	13 23	2 38	3 8	14 26		n.a.
S 3	12 39	17 30	5 2	19 40	1 32	2 50	0 25	24 8	1 11	1 51	1 3	23 17	0 55	19 47	0 3	1 56	2 8	35 8	13 23	2 35	3 7	14 25		n.a.
S 4	12 18	15 44	4 42	19 25	1 39	2 18	0 23	24 4	1 11	1 56	1 2	23 16	0 55	19 47	0 3	1 56	2 8	35 8	13 23	2 32	3 5	14 23		n.a.
M 5	11 57	13 18	4 9	19 8	1 45	1 46	0 20	24 0	1 12	2 0	1 2	23 15	0 55	19 47	0 3	1 55	2 8	35 8	13 23	2 29	3 4	14 22		n.a.
T 6	11 36	10 19	3 26	18 47	1 49	1 13	0 17	23 56	1 12	2 5	1 2	23 14	0 55	19 47	0 3	1 55	2 8	35 8	13 23	2 27	3 3	14 21		n.a.
W 7	11 14	6 54	2 33	18 25	1 53	0 41	0 14	23 52	1 13	2 10	1 2	23 13	0 55	19 47	0 3	1 54	2 8	35 8	13 23	2 25	3 2	14 20		n.a.
T 8	10 52	3 10	1 33	17 59	1 56	0 9	0 12	23 47	1 13	2 15	1 2	23 12	0 56	19 48	0 2	1 54	2 8	35 8	13 22	2 24	3 0	14 18		n.a.
F 9	10 31	0s43	0 28	17 32	1 58	0s24	0 9	23 43	1 14	2 20	1 2	23 12	0 56	19 48	0 2	1 53	2 8	35 8	13 22	2 23	2 59	14 17		n.a.
S 10	10 9	4 38	0n39	17 2	1 59	0 56	0 6	23 38	1 15	2 25	1 1	23 11	0 56	19 48	0 2	1 52	2 8	35 8	13 22	2 23	2 58	14 16		n.a.
S 11	9 46	8 23	1 45	16 30	1 59	1 29	0 3	23 33	1 15	2 30	1 1	23 10	0 56	19 48	0 2	1 52	2 8	35 8	13 22	2 23	2 57	14 14		n.a.
M12	9 24	11 50	2 48	15 57	1 59	2 1	0 1	23 28	1 16	2 36	1 1	23 9	0 56	19 48	0 2	1 51	2 8	35 8	13 22	2 24	2 55	14 13		n.a.
T 13	9 1	14 47	3 44	15 22	1 57	2 34	0s 2	23 22	1 16	2 41	1 1	23 8	0 56	19 48	0 2	1 51	2 8	35 8	13 21	2 25	2 54	14 12		n.a.
W14	8 39	17 1	4 28	14 46	1 56	3 6	0 5	23 17	1 17	2 46	1 1	23 8	0 57	19 48	0 2	1 50	2 8	35 8	13 21	2 25	2 53	14 10		n.a.
T 15	8 16	18 21	5 0	14 9	1 54	3 38	0 8	23 12	1 17	2 51	1 1	23 7	0 57	19 48	0 2	1 50	2 8	35 8	13 21	2 25	2 51	14 9		n.a.
F 16	7 53	18 36	5 14	13 30	1 51	4 10	0 11	23 6	1 18	2 56	1 1	23 6	0 57	19 48	0 2	1 49	2 8	35 8	13 21	2 24	2 50	14 8		n.a.
S 17	7 30	17 40	5 9	12 51	1 48	4 42	0 14	23 0	1 18	3 1	1 0	23 5	0 57	19 48	0 2	1 48	2 8	35 8	13 21	2 23	2 49	14 7		n.a.
S 18	7 6	15 33	4 44	12 10	1 44	5 14	0 17	22 54	1 19	3 6	1 0	23 5	0 57	19 48	0 2	1 48	2 8	35 8	13 20	2 22	2 48	14 5		n.a.
M19	6 43	12 21	3 59	11 29	1 40	5 46	0 20	22 48	1 20	3 12	1 0	23 4	0 57	19 48	0 2	1 47	2 8	35 8	13 20	2 21	2 46	14 4		n.a.
T 20	6 19	8 20	2 57	10 47	1 36	6 18	0 23	22 42	1 20	3 17	1 0	23 3	0 57	19 48	0 2	1 46	2 8	35 8	13 20	2 20	2 45	14 3		n.a.
W21	5 56	3 48	1 44	10 5	1 31	6 50	0 26	22 35	1 21	3 22	1 0	23 2	0 58	19 48	0 2	1 46	2 8	35 7	13 20	2 19	2 44	14 1		n.a.
T 22	5 32	0n54	0 24	9 22	1 26	7 21	0 29	22 29	1 21	3 27	1 0	23 2	0 58	19 48	0 2	1 45	2 8	35 7	13 20	2 19	2 42	14 0		n.a.
F 23	5 8	5 27	0s55	8 38	1 21	7 53	0 32	22 22	1 22	3 32	1 0	23 1	0 58	19 48	0 2	1 45	2 8	35 7	13 19	2 19	2 41	13 59		n.a.
S 24	4 44	9 34	2 9	7 55	1 16	8 24	0 35	22 15	1 22	3 38	0 59	23 0	0 58	19 48	0 2	1 44	2 8	35 7	13 19	2 19	2 40	13 57		n.a.
S 25	4 20	13 2	3 13	7 11	1 10	8 55	0 38	22 8	1 23	3 43	0 59	23 0	0 58	19 47	0 2	1 43	2 8	35 7	13 19	2 20	2 39	13 56		n.a.
M26	3 56	15 43	4 5	6 26	1 4	9 26	0 41	22 1	1 23	3 48	0 59	22 59	0 58	19 47	0 2	1 43	2 8	35 7	13 19	2 20	2 37	13 55		n.a.
T 27	3 32	17 33	4 43	5 42	0 59	9 56	0 43	21 54	1 24	3 53	0 59	22 58	0 59	19 47	0 2	1 42	2 8	35 7	13 18	2 20	2 36	13 53		n.a.
W28	3 8	18 29	5 7	4 57	0 53	10 26	0 46	21 46	1 25	3 59	0 59	22 58	0 59	19 47	0 2	1 41	2 8	35 7	13 18	2 21	2 35	13 52		n.a.
T 29	2 43	18 32	5 17	4 13	0 46	10 56	0 49	21 39	1 25	4 4	0 59	22 57	0 59	19 47	0 2	1 41	2 9	35 6	13 18	2 20	2 34	13 51		n.a.
F 30	2n19	17n45	5s12	3n28	0n40	11s26	0s52	21n31	1n26	4s 9	0n59	22n56	0n59	19n47	0s 2	1n40	2s 9	35s 6	13s18	2s20	2s32	13n49		n.a.

Julian Day Number = 1206298.5, Delta T = 09h17m27s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'09, Lahiri = -23°25'09 Julian Calendar 1 Sept. 1411 BCE == Greg. Calendar 19 Aug. 1411 BCE

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

OCTOBER 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 47 19	25♍16'12	27♋33	24♍34	28♎21	2♌18	12♎48	22♋26	26°R56	8°R59	22°R 4	5°R46	6♎14	10♌34	n.a.	S 1
S 2	23 51 15	26°16'47	9♌23	26°10	29°35	2°53	13° 1	22°31	26♉55	8♈57	22♏ 4	5♎44	6°11	10°41	n.a.	S 2
M 3	23 55 12	27°17'24	21°15	27°47	0♏48	3°29	13°15	22°35	26°54	8°55	22° 3	5°43	6° 7	10°48	n.a.	M 3
T 4	23 59 9	28°18'03	3♍12	29°23	2° 1	4° 5	13°28	22°40	26°53	8°54	22° 3	5°42	6° 4	10°54	n.a.	T 4
W 5	0 3 5	29°18'44	15°15	0♎58	3°15	4°41	13°41	22°44	26°52	8°52	22° 2	5°41	6° 1	11° 1	n.a.	W 5
T 6	0 7 2	0♎19'26	27°28	2°34	4°28	5°17	13°54	22°48	26°51	8°50	22° 2	5°41	5°58	11° 8	n.a.	T 6
F 7	0 10 58	1°20'10	9♎51	4° 9	5°42	5°53	14° 8	22°52	26°50	8°49	22° 2	5°D41	5°55	11°15	n.a.	F 7
S 8	0 14 55	2°20'56	22°26	5°44	6°55	6°28	14°21	22°57	26°49	8°47	22° 1	5°41	5°52	11°21	n.a.	S 8
S 9	0 18 51	3°21'43	5♏14	7°18	8° 8	7° 4	14°35	23° 1	26°48	8°45	22° 1	5°41	5°48	11°28	n.a.	S 9
M10	0 22 48	4°22'31	18°14	8°53	9°21	7°40	14°48	23° 5	26°46	8°43	22° 1	5°41	5°45	11°35	n.a.	M10
T 11	0 26 44	5°23'21	1♐29	10°27	10°35	8°15	15° 1	23° 8	26°45	8°42	22° 1	5°R41	5°42	11°41	n.a.	T 11
W12	0 30 41	6°24'12	14°58	12° 1	11°48	8°51	15°15	23°12	26°44	8°40	22° 1	5°41	5°39	11°48	n.a.	W12
T 13	0 34 38	7°25'04	28°41	13°34	13° 1	9°26	15°28	23°16	26°42	8°38	22° 0	5°41	5°36	11°55	n.a.	T 13
F 14	0 38 34	8°25'58	12♑39	15° 8	14°14	10° 1	15°42	23°19	26°41	8°37	22° 0	5°D41	5°33	12° 1	n.a.	F 14
S 15	0 42 31	9°26'52	26°51	16°41	15°27	10°37	15°55	23°23	26°40	8°35	22° 0	5°41	5°29	12° 8	n.a.	S 15
S 16	0 46 27	10°27'47	11♒15	18°14	16°40	11°12	16° 9	23°26	26°38	8°33	22° 0	5°42	5°26	12°15	n.a.	S 16
M17	0 50 24	11°28'43	25°46	19°47	17°53	11°47	16°22	23°30	26°36	8°32	22° 0	5°42	5°23	12°21	n.a.	M17
T 18	0 54 20	12°29'41	10♓22	21°20	19° 6	12°23	16°36	23°33	26°35	8°30	22° 0	5°43	5°20	12°28	n.a.	T 18
W19	0 58 17	13°30'39	24°56	22°53	20°19	12°58	16°50	23°36	26°33	8°28	22°D 0	5°43	5°17	12°35	n.a.	W19
T 20	1 2 13	14°31'38	9♈22	24°26	21°32	13°33	17° 3	23°39	26°31	8°26	22° 0	5°R43	5°13	12°42	n.a.	T 20
F 21	1 6 10	15°32'39	23°35	25°58	22°45	14° 8	17°17	23°42	26°30	8°25	22° 0	5°43	5°10	12°48	n.a.	F 21
S 22	1 10 7	16°33'41	7♉29	27°30	23°58	14°43	17°30	23°45	26°28	8°23	22° 0	5°42	5° 7	12°55	n.a.	S 22
S 23	1 14 3	17°34'44	21° 2	29° 3	25°10	15°18	17°44	23°47	26°26	8°21	22° 0	5°41	5° 4	13° 2	n.a.	S 23
M24	1 18 0	18°35'48	4♊13	0♏35	26°23	15°53	17°57	23°50	26°24	8°20	22° 0	5°39	5° 1	13° 8	n.a.	M24
T 25	1 21 56	19°36'53	17° 2	2° 7	27°36	16°27	18°11	23°53	26°22	8°18	22° 0	5°37	4°58	13°15	n.a.	T 25
W26	1 25 53	20°38'00	29°31	3°38	28°48	17° 2	18°24	23°55	26°20	8°16	22° 1	5°35	4°54	13°22	n.a.	W26
T 27	1 29 49	21°39'08	11♋43	5°10	0♐ 1	17°37	18°38	23°57	26°18	8°15	22° 1	5°34	4°51	13°28	n.a.	T 27
F 28	1 33 46	22°40'17	23°43	6°41	1°13	18°12	18°52	24° 0	26°16	8°13	22° 1	5°D34	4°48	13°35	n.a.	F 28
S 29	1 37 42	23°41'27	5♌36	8°12	2°26	18°46	19° 5	24° 2	26°14	8°11	22° 1	5°34	4°45	13°42	n.a.	S 29
S 30	1 41 39	24°42'38	17°26	9°43	3°38	19°21	19°19	24° 4	26°12	8°10	22° 2	5°36	4°42	13°48	n.a.	S 30
M31	1 45 36	25♎43'50	29♌19	11♏13	4♐51	19♌55	19♎32	24♋ 6	26♉10	8♈ 8	22♏ 2	5♎37	4♎39	13♌55	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	1n55	16n12	4s54	2n43	0n34	11s56	0s55	21n24	1n26	4s15	0n59	22n56	0n59	19n47	0s 2	1n39	2s 9	35s 6	13s17	2s20	2s31	13n48		n.a.
S 2	1 30	13 59	4 24	1 58	0 28	12 25	0 58	21 16	1 27	4 20	0 59	22 55	0 59	19 46	0 2	1 39	2 9	35 6	13 17	2 19	2 30	13 47		n.a.
M 3	1 6	11 10	3 42	1 13	0 21	12 54	1 1	21 8	1 27	4 25	0 58	22 55	1 0	19 46	0 2	1 38	2 9	35 6	13 17	2 19	2 28	13 46		n.a.
T 4	0 41	7 52	2 51	0 29	0 15	13 23	1 4	21 0	1 28	4 31	0 58	22 54	1 0	19 46	0 2	1 37	2 9	35 6	13 17	2 18	2 27	13 44		n.a.
W 5	0 17	4 12	1 51	0s16	0 8	13 51	1 7	20 51	1 28	4 36	0 58	22 53	1 0	19 46	0 2	1 37	2 9	35 5	13 16	2 18	2 26	13 43		n.a.
T 6	0s 8	0 20	0 45	1 1	0 2	14 19	1 9	20 43	1 29	4 41	0 58	22 53	1 0	19 46	0 2	1 36	2 9	35 5	13 16	2 18	2 25	13 42		n.a.
F 7	0 32	3s37	0n23	1 45	0s 5	14 47	1 12	20 35	1 30	4 47	0 58	22 52	1 0	19 45	0 2	1 35	2 9	35 5	13 16	2 18	2 23	13 40		n.a.
S 8	0 57	7 28	1 32	2 29	0 11	15 14	1 15	20 26	1 30	4 52	0 58	22 52	1 1	19 45	0 2	1 35	2 9	35 5	13 15	2 18	2 22	13 39		n.a.
S 9	1 22	11 2	2 37	3 13	0 18	15 41	1 18	20 17	1 31	4 57	0 58	22 51	1 1	19 45	0 2	1 34	2 9	35 4	13 15	2 18	2 21	13 37		n.a.
M10	1 46	14 7	3 35	3 57	0 24	16 8	1 20	20 9	1 31	5 3	0 58	22 51	1 1	19 44	0 2	1 33	2 9	35 4	13 15	2 18	2 19	13 36		n.a.
T 11	2 11	16 32	4 23	4 40	0 31	16 34	1 23	20 0	1 32	5 8	0 58	22 50	1 1	19 44	0 2	1 32	2 9	35 4	13 15	2 18	2 18	13 35		n.a.
W12	2 35	18 4	4 57	5 24	0 37	17 0	1 26	19 51	1 33	5 14	0 58	22 50	1 1	19 44	0 2	1 32	2 9	35 4	13 14	2 18	2 17	13 33		n.a.
T 13	3 0	18 36	5 15	6 6	0 43	17 25	1 28	19 42	1 33	5 19	0 57	22 49	1 1	19 44	0 2	1 31	2 9	35 4	13 14	2 18	2 16	13 32		n.a.
F 14	3 24	18 1	5 15	6 49	0 49	17 50	1 31	19 33	1 34	5 24	0 57	22 49	1 2	19 43	0 2	1 30	2 9	35 3	13 14	2 18	2 14	13 31		n.a.
S 15	3 48	16 18	4 56	7 31	0 56	18 14	1 33	19 23	1 34	5 30	0 57	22 48	1 2	19 43	0 2	1 30	2 9	35 3	13 14	2 18	2 13	13 29		n.a.
S 16	4 13	13 34	4 19	8 13	1 2	18 38	1 36	19 14	1 35	5 35	0 57	22 48	1 2	19 42	0 2	1 29	2 9	35 3	13 13	2 18	2 12	13 28		n.a.
M17	4 37	9 57	3 24	8 54	1 7	19 1	1 38	19 5	1 35	5 40	0 57	22 48	1 2	19 42	0 2	1 28	2 9	35 3	13 13	2 18	2 10	13 27		n.a.
T 18	5 1	5 43	2 16	9 35	1 13	19 24	1 40	18 55	1 36	5 46	0 57	22 47	1 2	19 42	0 2	1 28	2 9	35 2	13 13	2 18	2 9	13 25		n.a.
W19	5 25	1 8	1 0	10 16	1 19	19 47	1 43	18 46	1 37	5 51	0 57	22 47	1 3	19 41	0 2	1 27	2 9	35 2	13 12	2 19	2 8	13 24		n.a.
T 20	5 49	3n28	0s20	10 56	1 24	20 9	1 45	18 36	1 37	5 56	0 57	22 47	1 3	19 41	0 2	1 26	2 9	35 2	13 12	2 19	2 7	13 23		n.a.
F 21	6 13	7 48	1 37	11 35	1 30	20 30	1 47	18 26	1 38	6 2	0 57	22 46	1 3	19 41	0 2	1 26	2 9	35 1	13 12	2 19	2 5	13 21		n.a.
S 22	6 37	11 37	2 47	12 14	1 35	20 51	1 49	18 16	1 38	6 7	0 57	22 46	1 3	19 40	0 2	1 25	2 9	35 1	13 12	2 18	2 4	13 20		n.a.
S 23	7 1	14 42	3 46	12 52	1 40	21 11	1 51	18 6	1 39	6 12	0 57	22 46	1 3	19 40	0 2	1 24	2 9	35 1	13 11	2 18	2 3	13 18		n.a.
M24	7 25	16 56	4 30	13 30	1 44	21 31	1 53	17 56	1 40	6 18	0 57	22 45	1 4	19 39	0 2	1 24	2 9	35 0	13 11	2 17	2 2	13 17		n.a.
T 25	7 48	18 14	5 0	14 7	1 49	21 50	1 55	17 46	1 40	6 23	0 56	22 45	1 4	19 39	0 2	1 23	2 9	35 0	13 11	2 16	2 0	13 16		n.a.
W26	8 12	18 37	5 15	14 43	1 53	22 8	1 57	17 36	1 41	6 28	0 56	22 45	1 4	19 38	0 2	1 22	2 9	35 0	13 10	2 15	1 59	13 14		n.a.
T 27	8 35	18 6	5 15	15 18	1 57	22 26	1 59	17 26	1 41	6 34	0 56	22 45	1 4	19 38	0 2	1 22	2 9	35 0	13 10	2 15	1 58	13 13		n.a.
F 28	8 58	16 48	5 1	15 53	2 1	22 44	2 0	17 15	1 42	6 39	0 56	22 45	1 4	19 37	0 2	1 21	2 8	34 59	13 10	2 15	1 56	13 12		n.a.
S 29	9 21	14 46	4 34	16 26	2 4	23 0	2 2	17 5	1 43	6 44	0 56	22 44	1 5	19 37	0 2	1 21	2 8	34 59	13 10	2 15	1 55	13 10		n.a.
S 30	9 44	12 8	3 56	16 59	2 7	23 16	2 4	16 54	1 43	6 49	0 56	22 44	1 5	19 36	0 2	1 20	2 8	34 59	13 9	2 16	1 54	13 9		n.a.
M31	10s 7	8n59	3s 8	17s31	2s10	23s31	2s 5	16n44	1n44	6s55	0n56	22n44	1n 5	19n36	0s 2	1n19	2s 8	34s58	13s 9	2s16	1s53	13n 7		n.a.

Julian Day Number = 1206328.5, Delta T = 09h17m25s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'05, Lahiri = -23°25'05 Julian Calendar 1 Oct. 1411 BCE == Greg. Calendar 18 Sept. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

NOVEMBER 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 49 32	26♎45'04	11♍18	12♏42	6♐ 3	20♌30	19♎46	24♋ 7	26°R 8	8°R 7	22♑ 2	5♎39	4♎35	14♌ 2	n.a.	T 1
W 2	1 53 29	27°46'18	23°27	14°11	7°15	21° 4	19°59	24° 9	26♉ 6	8♈ 5	22° 2	5°40	4°32	14° 9	n.a.	W 2
T 3	1 57 25	28°47'33	5♎50	15°40	8°27	21°38	20°13	24°11	26° 4	8° 3	22° 3	5°R41	4°29	14°15	n.a.	T 3
F 4	2 1 22	29°48'48	18°29	17° 7	9°39	22°12	20°26	24°12	26° 1	8° 2	22° 3	5°40	4°26	14°22	n.a.	F 4
S 5	2 5 18	0♏50'05	1♏24	18°33	10°51	22°47	20°40	24°13	25°59	8° 0	22° 4	5°38	4°23	14°29	n.a.	S 5
S 6	2 9 15	1°51'22	14°36	19°58	12° 3	23°21	20°53	24°15	25°57	7°59	22° 4	5°35	4°19	14°35	n.a.	S 6
M 7	2 13 11	2°52'39	28° 3	21°22	13°15	23°55	21° 7	24°16	25°55	7°57	22° 5	5°31	4°16	14°42	n.a.	M 7
T 8	2 17 8	3°53'57	11♐42	22°44	14°27	24°29	21°20	24°17	25°52	7°56	22° 5	5°26	4°13	14°49	n.a.	T 8
W 9	2 21 5	4°55'15	25°33	24° 4	15°39	25° 2	21°34	24°18	25°50	7°54	22° 6	5°22	4°10	14°55	n.a.	W 9
T 10	2 25 1	5°56'33	9♑31	25°21	16°50	25°36	21°47	24°19	25°47	7°53	22° 6	5°18	4° 7	15° 2	n.a.	T 10
F 11	2 28 58	6°57'52	23°35	26°36	18° 2	26°10	22° 0	24°19	25°45	7°51	22° 7	5°16	4° 4	15° 9	n.a.	F 11
S 12	2 32 54	7°59'10	7♒43	27°47	19°14	26°43	22°14	24°20	25°43	7°50	22° 7	5°D15	4° 0	15°15	n.a.	S 12
S 13	2 36 51	9° 0'28	21°52	28°54	20°25	27°17	22°27	24°20	25°40	7°49	22° 8	5°16	3°57	15°22	n.a.	S 13
M14	2 40 47	10° 1'47	6♓ 1	29°57	21°36	27°50	22°40	24°21	25°38	7°47	22° 9	5°17	3°54	15°29	n.a.	M14
T 15	2 44 44	11° 3'04	20° 9	0♐55	22°48	28°24	22°54	24°21	25°35	7°46	22° 9	5°19	3°51	15°36	n.a.	T 15
W16	2 48 41	12° 4'22	4♈13	1°46	23°59	28°57	23° 7	24°21	25°33	7°44	22°10	5°R19	3°48	15°42	n.a.	W16
T 17	2 52 37	13° 5'40	18°11	2°31	25°10	29°30	23°20	24°R21	25°30	7°43	22°11	5°19	3°44	15°49	n.a.	T 17
F 18	2 56 34	14° 6'58	2♉ 0	3° 9	26°21	0♍ 3	23°33	24°21	25°28	7°42	22°11	5°16	3°41	15°56	n.a.	F 18
S 19	3 0 30	15° 8'16	15°36	3°37	27°32	0°36	23°46	24°21	25°25	7°41	22°12	5°11	3°38	16° 2	n.a.	S 19
S 20	3 4 27	16° 9'34	28°57	3°57	28°42	1° 9	23°59	24°21	25°23	7°39	22°13	5° 5	3°35	16° 9	n.a.	S 20
M21	3 8 23	17°10'51	12♊ 1	4°R 6	29°53	1°42	24°13	24°20	25°20	7°38	22°14	4°57	3°32	16°16	n.a.	M21
T 22	3 12 20	18°12'09	24°47	4° 4	1♑ 3	2°15	24°26	24°20	25°17	7°37	22°15	4°49	3°29	16°22	n.a.	T 22
W23	3 16 16	19°13'27	7♋15	3°50	2°14	2°47	24°39	24°19	25°15	7°36	22°15	4°42	3°25	16°29	n.a.	W23
T 24	3 20 13	20°14'45	19°29	3°25	3°24	3°20	24°52	24°18	25°12	7°34	22°16	4°35	3°22	16°36	n.a.	T 24
F 25	3 24 10	21°16'03	1♌30	2°47	4°34	3°52	25° 4	24°17	25°10	7°33	22°17	4°31	3°19	16°42	n.a.	F 25
S 26	3 28 6	22°17'21	13°23	1°59	5°44	4°25	25°17	24°16	25° 7	7°32	22°18	4°29	3°16	16°49	n.a.	S 26
S 27	3 32 3	23°18'39	25°12	1° 0	6°54	4°57	25°30	24°15	25° 4	7°31	22°19	4°D28	3°13	16°56	n.a.	S 27
M28	3 35 59	24°19'56	7♍ 4	29♏53	8° 4	5°29	25°43	24°14	25° 2	7°30	22°20	4°29	3°10	17° 3	n.a.	M28
T 29	3 39 56	25°21'14	19° 3	28°39	9°14	6° 1	25°56	24°13	24°59	7°29	22°21	4°30	3° 6	17° 9	n.a.	T 29
W30	3 43 52	26♏22'31	1♎14	27♏21	10♑23	6♍33	26♎ 8	24♋12	24♉57	7♈28	22♑22	4°R31	3♎ 3	17♌16	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s29	5n27	2s11	18s 1	2s12	23s46	2s 7	16n33	1n44	7s 0	0n56	22n44	1n 5	19n35	0s 2	1n19	2s 8	34s58	13s 9	2s17	1s51	13n 6		n.a.
W 2	10 52	1 37	1 7	18 30	2 14	24 0	2 8	16 23	1 45	7 5	0 56	22 44	1 5	19 35	0 2	1 18	2 8	34 58	13 8	2 17	1 50	13 5		n.a.
T 3	11 14	2s21	0n 1	18 59	2 16	24 13	2 9	16 12	1 46	7 10	0 56	22 44	1 6	19 34	0 2	1 17	2 8	34 57	13 8	2 18	1 49	13 3		n.a.
F 4	11 36	6 18	1 10	19 25	2 17	24 26	2 10	16 1	1 46	7 16	0 56	22 44	1 6	19 34	0 2	1 17	2 8	34 57	13 8	2 17	1 47	13 2		n.a.
S 5	11 58	10 2	2 17	19 51	2 17	24 38	2 11	15 50	1 47	7 21	0 56	22 44	1 6	19 33	0 2	1 16	2 8	34 57	13 8	2 17	1 46	13 0		n.a.
S 6	12 20	13 21	3 18	20 14	2 17	24 49	2 12	15 40	1 47	7 26	0 56	22 44	1 6	19 33	0 2	1 16	2 8	34 56	13 7	2 15	1 45	12 59		n.a.
M 7	12 41	16 2	4 9	20 36	2 16	24 59	2 13	15 29	1 48	7 31	0 56	22 44	1 6	19 32	0 2	1 15	2 8	34 56	13 7	2 14	1 44	12 58		n.a.
T 8	13 2	17 51	4 47	20 57	2 15	25 9	2 14	15 18	1 49	7 36	0 56	22 44	1 7	19 32	0 2	1 15	2 8	34 55	13 7	2 12	1 42	12 56		n.a.
W 9	13 23	18 39	5 8	21 15	2 13	25 18	2 15	15 7	1 49	7 41	0 56	22 44	1 7	19 31	0 2	1 14	2 8	34 55	13 6	2 10	1 41	12 55		n.a.
T 10	13 44	18 19	5 12	21 32	2 10	25 27	2 16	14 56	1 50	7 46	0 56	22 44	1 7	19 31	0 2	1 13	2 8	34 55	13 6	2 9	1 40	12 53		n.a.
F 11	14 5	16 53	4 57	21 46	2 6	25 34	2 16	14 45	1 51	7 52	0 56	22 44	1 7	19 30	0 2	1 13	2 8	34 54	13 6	2 8	1 38	12 52		n.a.
S 12	14 25	14 24	4 24	21 59	2 1	25 41	2 17	14 34	1 51	7 57	0 56	22 44	1 7	19 29	0 2	1 12	2 8	34 54	13 6	2 7	1 37	12 51		n.a.
S 13	14 45	11 4	3 35	22 8	1 56	25 47	2 17	14 22	1 52	8 2	0 56	22 44	1 8	19 29	0 2	1 12	2 8	34 54	13 5	2 8	1 36	12 49		n.a.
M14	15 5	7 6	2 33	22 16	1 49	25 52	2 17	14 11	1 52	8 7	0 56	22 44	1 8	19 28	0 2	1 11	2 8	34 53	13 5	2 8	1 35	12 48		n.a.
T 15	15 24	2 43	1 22	22 21	1 41	25 57	2 17	14 0	1 53	8 12	0 56	22 44	1 8	19 28	0 2	1 11	2 8	34 53	13 5	2 9	1 33	12 46		n.a.
W16	15 44	1n48	0 6	22 23	1 32	26 0	2 17	13 49	1 54	8 17	0 55	22 45	1 8	19 27	0 2	1 10	2 8	34 52	13 5	2 9	1 32	12 45		n.a.
T 17	16 2	6 11	1s10	22 22	1 22	26 3	2 17	13 37	1 54	8 22	0 55	22 45	1 9	19 27	0 2	1 10	2 8	34 52	13 4	2 9	1 31	12 44		n.a.
F 18	16 21	10 11	2 20	22 18	1 10	26 6	2 17	13 26	1 55	8 27	0 55	22 45	1 9	19 26	0 2	1 9	2 8	34 52	13 4	2 8	1 29	12 42		n.a.
S 19	16 40	13 35	3 21	22 11	0 57	26 7	2 17	13 15	1 56	8 32	0 55	22 45	1 9	19 25	0 2	1 9	2 8	34 51	13 4	2 6	1 28	12 41		n.a.
S 20	16 58	16 12	4 10	22 1	0 43	26 8	2 17	13 4	1 56	8 37	0 55	22 45	1 9	19 25	0 2	1 8	2 8	34 51	13 3	2 3	1 27	12 39		n.a.
M21	17 16	17 55	4 45	21 47	0 27	26 8	2 16	12 52	1 57	8 41	0 55	22 46	1 9	19 24	0 2	1 8	2 8	34 50	13 3	2 0	1 26	12 38		n.a.
T 22	17 33	18 41	5 4	21 30	0 10	26 7	2 16	12 41	1 57	8 46	0 55	22 46	1 10	19 23	0 2	1 7	2 8	34 50	13 3	1 57	1 24	12 36		n.a.
W23	17 50	18 31	5 8	21 10	0n 8	26 5	2 15	12 29	1 58	8 51	0 55	22 46	1 10	19 23	0 2	1 7	2 8	34 50	13 3	1 54	1 23	12 35		n.a.
T 24	18 7	17 30	4 59	20 46	0 26	26 3	2 14	12 18	1 59	8 56	0 55	22 47	1 10	19 22	0 2	1 7	2 7	34 49	13 2	1 51	1 22	12 34		n.a.
F 25	18 24	15 42	4 35	20 20	0 46	26 0	2 13	12 7	1 59	9 1	0 55	22 47	1 10	19 22	0 2	1 6	2 7	34 49	13 2	1 50	1 20	12 32		n.a.
S 26	18 40	13 15	4 1	19 50	1 6	25 56	2 12	11 55	2 0	9 6	0 55	22 47	1 10	19 21	0 2	1 6	2 7	34 48	13 2	1 49	1 19	12 31		n.a.
S 27	18 56	10 16	3 16	19 19	1 26	25 51	2 11	11 44	2 1	9 10	0 55	22 48	1 11	19 20	0 2	1 5	2 7	34 48	13 2	1 48	1 18	12 29		n.a.
M28	19 11	6 52	2 23	18 46	1 46	25 46	2 10	11 32	2 1	9 15	0 55	22 48	1 11	19 20	0 2	1 5	2 7	34 48	13 2	1 49	1 17	12 28		n.a.
T 29	19 26	3 9	1 22	18 12	2 4	25 40	2 8	11 21	2 2	9 20	0 55	22 49	1 11	19 19	0 2	1 5	2 7	34 47	13 1	1 49	1 15	12 26		n.a.
W30	19s41	0s46	0s18	17s37	2n21	25s33	2s 7	11n 9	2n 3	9s24	0n55	22n49	1n11	19n18	0s 2	1n 4	2s 7	34s47	13s 1	1s50	1s14	12n25		n.a.

Julian Day Number = 1206359.5, Delta T = 09h17m23s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°32'01, Lahiri = -23°25'01 Julian Calendar 1 Nov. 1411 BCE == Greg. Calendar 19 Oct. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1411 BCE
geocentric

DECEMBER 1411 BCE (-1410) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 47 49	27♏23'48	13♎42	26°R 1	11♑32	7♍ 5	26♎21	24°R10	24°R54	7°R27	22♑23	4°R31	3♎ 0	17♌23	n.a.	T 1
F 2	3 51 45	28°25'05	26°30	24♏42	12°42	7°36	26°33	24♋ 9	24♉51	7♈26	22°24	4♎28	2°57	17°29	n.a.	F 2
S 3	3 55 42	29°26'22	9♏41	23°26	13°51	8° 8	26°46	24° 7	24°49	7°25	22°25	4°23	2°54	17°36	n.a.	S 3
S 4	3 59 39	0♐27'38	23°13	22°16	14°59	8°39	26°58	24° 5	24°46	7°24	22°26	4°16	2°50	17°43	n.a.	S 4
M 5	4 3 35	1°28'53	7♐ 6	21°12	16° 8	9°10	27°11	24° 3	24°44	7°23	22°27	4° 7	2°47	17°49	n.a.	M 5
T 6	4 7 32	2°30'08	21°16	20°17	17°17	9°42	27°23	24° 1	24°41	7°23	22°29	3°57	2°44	17°56	n.a.	T 6
W 7	4 11 28	3°31'22	5♑35	19°31	18°25	10°13	27°36	23°59	24°39	7°22	22°30	3°47	2°41	18° 3	n.a.	W 7
T 8	4 15 25	4°32'35	20° 0	18°54	19°33	10°43	27°48	23°57	24°36	7°21	22°31	3°38	2°38	18° 9	n.a.	T 8
F 9	4 19 21	5°33'47	4♒24	18°27	20°41	11°14	28° 0	23°55	24°33	7°20	22°32	3°32	2°35	18°16	n.a.	F 9
S 10	4 23 18	6°34'58	18°42	18° 9	21°49	11°45	28°12	23°52	24°31	7°20	22°33	3°28	2°31	18°23	n.a.	S 10
S 11	4 27 15	7°36'08	2♓52	18° 0	22°57	12°15	28°24	23°50	24°28	7°19	22°34	3°D27	2°28	18°29	n.a.	S 11
M12	4 31 11	8°37'16	16°53	18°D 0	24° 4	12°46	28°36	23°47	24°26	7°18	22°36	3°27	2°25	18°36	n.a.	M12
T 13	4 35 8	9°38'24	0♈43	18° 8	25°11	13°16	28°48	23°44	24°23	7°18	22°37	3°R27	2°22	18°43	n.a.	T 13
W14	4 39 4	10°39'29	14°25	18°23	26°18	13°46	29° 0	23°42	24°21	7°17	22°38	3°27	2°19	18°49	n.a.	W14
T 15	4 43 1	11°40'34	27°56	18°44	27°25	14°16	29°11	23°39	24°18	7°16	22°39	3°24	2°16	18°56	n.a.	T 15
F 16	4 46 57	12°41'38	11♉18	19°12	28°31	14°45	29°23	23°36	24°16	7°16	22°41	3°19	2°12	19° 3	n.a.	F 16
S 17	4 50 54	13°42'40	24°30	19°46	29°38	15°15	29°35	23°33	24°14	7°15	22°42	3°11	2° 9	19°10	n.a.	S 17
S 18	4 54 50	14°43'41	7♊30	20°24	0♒44	15°44	29°46	23°30	24°11	7°15	22°43	3° 0	2° 6	19°16	n.a.	S 18
M19	4 58 47	15°44'41	20°18	21° 8	1°49	16°13	29°58	23°27	24° 9	7°15	22°45	2°47	2° 3	19°23	n.a.	M19
T 20	5 2 44	16°45'40	2♋53	21°55	2°55	16°43	0♏ 9	23°23	24° 6	7°14	22°46	2°34	2° 0	19°30	n.a.	T 20
W21	5 6 40	17°46'37	15°15	22°46	4° 0	17°11	0°20	23°20	24° 4	7°14	22°47	2°21	1°56	19°36	n.a.	W21
T 22	5 10 37	18°47'34	27°24	23°41	5° 5	17°40	0°31	23°17	24° 2	7°14	22°49	2° 9	1°53	19°43	n.a.	T 22
F 23	5 14 33	19°48'29	9♌23	24°39	6° 9	18° 9	0°42	23°13	24° 0	7°13	22°50	2° 0	1°50	19°50	n.a.	F 23
S 24	5 18 30	20°49'23	21°15	25°39	7°13	18°37	0°53	23° 9	23°57	7°13	22°52	1°54	1°47	19°56	n.a.	S 24
S 25	5 22 26	21°50'16	3♍ 4	26°43	8°17	19° 5	1° 4	23° 6	23°55	7°13	22°53	1°50	1°44	20° 3	n.a.	S 25
M26	5 26 23	22°51'08	14°54	27°48	9°21	19°33	1°15	23° 2	23°53	7°13	22°55	1°49	1°41	20°10	n.a.	M26
T 27	5 30 20	23°51'59	26°50	28°56	10°24	20° 1	1°26	22°58	23°51	7°12	22°56	1°49	1°37	20°16	n.a.	T 27
W28	5 34 16	24°52'48	8♎59	0♐ 6	11°27	20°28	1°37	22°54	23°49	7°12	22°57	1°48	1°34	20°23	n.a.	W28
T 29	5 38 13	25°53'36	21°26	1°18	12°30	20°56	1°47	22°50	23°46	7°12	22°59	1°47	1°31	20°30	n.a.	T 29
F 30	5 42 9	26°54'24	4♏15	2°32	13°32	21°23	1°58	22°46	23°44	7°12	23° 0	1°44	1°28	20°36	n.a.	F 30
S 31	5 46 6	27♐55'09	17♏31	3♐47	14♒34	21♍50	2♏ 8	22♋42	23♉42	7°D12	23♑ 2	1♎38	1♎25	20♌43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	19s55	4s45	0n49	17s 4	2n37	25s26	2s 5	10n58	2n 3	9s29	0n55	22n50	1n11	19n18	0s 2	1n 4	2s 7	34s46	13s 1	1s49	1s13	12n24			n.a.
F 2	20 9	8 37	1 55	16 32	2 50	25 17	2 3	10 47	2 4	9 34	0 55	22 50	1 12	19 17	0 2	1 4	2 7	34 46	13 1	1 48	1 11	12 22			n.a.
S 3	20 23	12 10	2 57	16 3	3 1	25 8	2 2	10 35	2 5	9 38	0 55	22 51	1 12	19 17	0 2	1 3	2 7	34 46	13 0	1 46	1 10	12 21			n.a.
S 4	20 36	15 11	3 50	15 36	3 9	24 59	2 0	10 24	2 5	9 43	0 55	22 51	1 12	19 16	0 2	1 3	2 7	34 45	13 0	1 43	1 9	12 19			n.a.
M 5	20 49	17 25	4 32	15 14	3 16	24 48	1 58	10 13	2 6	9 47	0 55	22 52	1 12	19 15	0 2	1 3	2 7	34 45	13 0	1 40	1 8	12 18			n.a.
T 6	21 1	18 38	4 57	14 55	3 20	24 37	1 55	10 1	2 7	9 52	0 55	22 52	1 12	19 15	0 2	1 2	2 7	34 44	13 0	1 36	1 6	12 16			n.a.
W 7	21 14	18 40	5 4	14 41	3 21	24 26	1 53	9 50	2 7	9 56	0 55	22 53	1 13	19 14	0 2	1 2	2 7	34 44	13 0	1 32	1 5	12 15			n.a.
T 8	21 25	17 31	4 52	14 31	3 21	24 14	1 50	9 39	2 8	10 1	0 55	22 53	1 13	19 13	0 2	1 2	2 7	34 44	12 59	1 28	1 4	12 13			n.a.
F 9	21 36	15 16	4 22	14 26	3 20	24 1	1 48	9 27	2 9	10 5	0 55	22 54	1 13	19 13	0 2	1 2	2 7	34 43	12 59	1 26	1 3	12 12			n.a.
S 10	21 47	12 5	3 35	14 24	3 16	23 47	1 45	9 16	2 9	10 10	0 55	22 55	1 13	19 12	0 2	1 1	2 7	34 43	12 59	1 24	1 1	12 10			n.a.
S 11	21 58	8 13	2 35	14 26	3 12	23 33	1 42	9 5	2 10	10 14	0 55	22 55	1 13	19 12	0 2	1 1	2 6	34 42	12 59	1 24	1 0	12 9			n.a.
M12	22 8	3 56	1 27	14 31	3 6	23 18	1 39	8 54	2 11	10 18	0 55	22 56	1 14	19 11	0 2	1 1	2 6	34 42	12 59	1 24	0 59	12 8			n.a.
T 13	22 17	0n31	0 15	14 39	3 0	23 3	1 36	8 42	2 11	10 22	0 55	22 56	1 14	19 10	0 2	1 1	2 6	34 41	12 58	1 24	0 57	12 6			n.a.
W14	22 26	4 53	0s58	14 51	2 52	22 47	1 33	8 31	2 12	10 27	0 55	22 57	1 14	19 10	0 2	1 1	2 6	34 41	12 58	1 24	0 56	12 5			n.a.
T 15	22 35	8 58	2 6	15 4	2 44	22 30	1 30	8 20	2 13	10 31	0 55	22 58	1 14	19 9	0 2	1 1	2 6	34 41	12 58	1 23	0 55	12 3			n.a.
F 16	22 43	12 32	3 7	15 20	2 36	22 13	1 26	8 9	2 13	10 35	0 55	22 59	1 14	19 9	0 2	1 0	2 6	34 40	12 58	1 20	0 54	12 2			n.a.
S 17	22 51	15 25	3 56	15 37	2 28	21 56	1 23	7 58	2 14	10 39	0 55	22 59	1 15	19 8	0 2	1 0	2 6	34 40	12 58	1 17	0 52	12 0			n.a.
S 18	22 58	17 28	4 32	15 56	2 19	21 38	1 19	7 47	2 15	10 43	0 55	23 0	1 15	19 7	0 2	1 0	2 6	34 39	12 58	1 13	0 51	11 59			n.a.
M19	23 5	18 37	4 54	16 17	2 9	21 19	1 15	7 36	2 16	10 47	0 55	23 1	1 15	19 7	0 2	1 0	2 6	34 39	12 57	1 8	0 50	11 57			n.a.
T 20	23 11	18 49	5 1	16 38	2 0	21 0	1 11	7 25	2 16	10 51	0 56	23 1	1 15	19 6	0 2	1 0	2 6	34 39	12 57	1 2	0 48	11 56			n.a.
W21	23 17	18 6	4 54	17 0	1 51	20 40	1 7	7 14	2 17	10 55	0 56	23 2	1 15	19 6	0 2	1 0	2 6	34 38	12 57	0 57	0 47	11 54			n.a.
T 22	23 23	16 35	4 33	17 23	1 41	20 20	1 3	7 4	2 18	10 59	0 56	23 3	1 15	19 5	0 1	1 0	2 6	34 38	12 57	0 52	0 46	11 53			n.a.
F 23	23 28	14 22	4 0	17 47	1 32	20 0	0 58	6 53	2 18	11 3	0 56	23 4	1 16	19 4	0 1	1 0	2 6	34 37	12 57	0 49	0 45	11 51			n.a.
S 24	23 32	11 33	3 17	18 11	1 22	19 39	0 54	6 42	2 19	11 7	0 56	23 5	1 16	19 4	0 1	1 0	2 6	34 37	12 57	0 46	0 43	11 50			n.a.
S 25	23 36	8 18	2 26	18 35	1 13	19 18	0 49	6 32	2 20	11 11	0 56	23 5	1 16	19 3	0 1	1 0	2 5	34 37	12 57	0 45	0 42	11 48			n.a.
M26	23 40	4 42	1 28	18 59	1 4	18 56	0 44	6 21	2 20	11 15	0 56	23 6	1 16	19 3	0 1	1 0	2 5	34 36	12 56	0 44	0 41	11 47			n.a.
T 27	23 43	0 53	0 26	19 23	0 54	18 34	0 39	6 11	2 21	11 18	0 56	23 7	1 16	19 2	0 1	1 0	2 5	34 36	12 56	0 44	0 39	11 45			n.a.
W28	23 45	3s 3	0n38	19 47	0 45	18 12	0 34	6 0	2 22	11 22	0 56	23 8	1 16	19 2	0 1	1 0	2 5	34 36	12 56	0 44	0 38	11 44			n.a.
T 29	23 48	6 56	1 42	20 11	0 36	17 49	0 29	5 50	2 23	11 26	0 56	23 9	1 17	19 1	0 1	1 0	2 5	34 35	12 56	0 43	0 37	11 42			n.a.
F 30	23 49	10 37	2 43	20 35	0 27	17 26	0 24	5 40	2 23	11 29	0 56	23 9	1 17	19 1	0 1	1 0	2 5	34 35	12 56	0 42	0 36	11 41			n.a.
S 31	23s50	13s53	3n37	20s58	0n19	17s 3	0s18	5n29	2n24	11s33	0n56	23n10	1n17	19n 0	0s 1	1n 0	2s 5	34s34	12s56	0s40	0s34	11n39			n.a.

Julian Day Number = 1206389.5, Delta T = 09h17m22s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'57, Lahiri = -23°24'56 Julian Calendar 1 Dec. 1411 BCE == Greg. Calendar 18 Nov. 1411 BCE

The year -1410 astronomical counting style corresponds to year 1411 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

JANUARY 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 50 2	28♐55'54	1♐14	5♐ 4	15♒35	22♍17	2♏18	22°R38	23°R40	7♈12	23♉ 3	1°R29	1♎21	20♌50	n.a.	S 1
M 2	5 53 59	29°56'37	15°22	6°22	16°36	22°43	2°28	22♋34	23♉38	7°12	23° 5	1♎18	1°18	20°56	n.a.	M 2
T 3	5 57 55	0♑57'18	29°53	7°42	17°37	23° 9	2°38	22°30	23°36	7°12	23° 7	1° 6	1°15	21° 3	n.a.	T 3
W 4	6 1 52	1°57'58	14♑39	9° 2	18°37	23°35	2°48	22°26	23°35	7°13	23° 8	0°54	1°12	21°10	n.a.	W 4
T 5	6 5 49	2°58'36	29°31	10°25	19°37	24° 1	2°58	22°21	23°33	7°13	23°10	0°43	1° 9	21°16	n.a.	T 5
F 6	6 9 45	3°59'13	14♒21	11°48	20°36	24°27	3° 8	22°17	23°31	7°13	23°11	0°35	1° 6	21°23	n.a.	F 6
S 7	6 13 42	4°59'47	29° 1	13°12	21°35	24°52	3°18	22°13	23°29	7°13	23°13	0°30	1° 2	21°30	n.a.	S 7
S 8	6 17 38	6° 0'19	13♓26	14°38	22°33	25°17	3°27	22° 8	23°27	7°13	23°14	0°27	0°59	21°36	n.a.	S 8
M 9	6 21 35	7° 0'49	27°33	16° 5	23°31	25°42	3°36	22° 4	23°26	7°14	23°16	0°27	0°56	21°43	n.a.	M 9
T 10	6 25 31	8° 1'17	11♈22	17°32	24°28	26° 6	3°46	21°59	23°24	7°14	23°17	0°27	0°53	21°50	n.a.	T 10
W11	6 29 28	9° 1'43	24°54	19° 1	25°25	26°30	3°55	21°54	23°22	7°14	23°19	0°26	0°50	21°57	n.a.	W11
T 12	6 33 24	10° 2'07	8♉10	20°31	26°21	26°54	4° 4	21°50	23°21	7°15	23°21	0°23	0°47	22° 3	n.a.	T 12
F 13	6 37 21	11° 2'28	21°13	22° 2	27°17	27°18	4°13	21°45	23°19	7°15	23°22	0°18	0°43	22°10	n.a.	F 13
S 14	6 41 18	12° 2'48	4♊ 4	23°33	28°11	27°41	4°22	21°41	23°18	7°16	23°24	0° 9	0°40	22°17	n.a.	S 14
S 15	6 45 14	13° 3'06	16°44	25° 6	29° 6	28° 4	4°30	21°36	23°16	7°16	23°25	29♍58	0°37	22°23	n.a.	S 15
M16	6 49 11	14° 3'21	29°14	26°40	29°59	28°27	4°39	21°31	23°15	7°17	23°27	29°46	0°34	22°30	n.a.	M16
T 17	6 53 7	15° 3'34	11♋34	28°15	0♓52	28°49	4°47	21°27	23°14	7°17	23°29	29°32	0°31	22°37	n.a.	T 17
W18	6 57 4	16° 3'46	23°44	29°51	1°44	29°11	4°56	21°22	23°12	7°18	23°30	29°19	0°27	22°43	n.a.	W18
T 19	7 1 0	17° 3'55	5♌46	1♑27	2°35	29°33	5° 4	21°17	23°11	7°19	23°32	29° 7	0°24	22°50	n.a.	T 19
F 20	7 4 57	18° 4'03	17°41	3° 5	3°26	29°54	5°12	21°12	23°10	7°19	23°34	28°57	0°21	22°57	n.a.	F 20
S 21	7 8 53	19° 4'09	29°30	4°44	4°16	0♎15	5°20	21° 8	23° 9	7°20	23°35	28°50	0°18	23° 3	n.a.	S 21
S 22	7 12 50	20° 4'12	11♍18	6°24	5° 5	0°36	5°27	21° 3	23° 8	7°21	23°37	28°47	0°15	23°10	n.a.	S 22
M23	7 16 47	21° 4'14	23° 7	8° 5	5°53	0°56	5°35	20°58	23° 7	7°22	23°38	28°45	0°12	23°17	n.a.	M23
T 24	7 20 43	22° 4'14	5♎ 3	9°47	6°40	1°16	5°43	20°53	23° 6	7°22	23°40	28°D45	0° 8	23°23	n.a.	T 24
W25	7 24 40	23° 4'13	17°10	11°30	7°26	1°36	5°50	20°49	23° 5	7°23	23°42	28°R45	0° 5	23°30	n.a.	W25
T 26	7 28 36	24° 4'09	29°33	13°15	8°12	1°55	5°57	20°44	23° 4	7°24	23°43	28°45	0° 2	23°37	n.a.	T 26
F 27	7 32 33	25° 4'04	12♏19	15° 0	8°56	2°14	6° 4	20°39	23° 3	7°25	23°45	28°44	29♍59	23°43	n.a.	F 27
S 28	7 36 29	26° 3'56	25°31	16°47	9°39	2°32	6°11	20°34	23° 2	7°26	23°47	28°40	29°56	23°50	n.a.	S 28
S 29	7 40 26	27° 3'47	9♐11	18°34	10°21	2°50	6°18	20°30	23° 1	7°27	23°48	28°34	29°53	23°57	n.a.	S 29
M30	7 44 22	28° 3'37	23°22	20°23	11° 3	3° 8	6°24	20°25	23° 1	7°28	23°50	28°26	29°49	24° 3	n.a.	M30
T 31	7 48 19	29♑ 3'24	7♑58	22♑13	11♓42	3♎25	6♏31	20♋20	23♉ 0	7♈29	23♉51	28♍17	29♍46	24♌10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	16s31	4n20	21s21	0n10	16s39	0s13	5n19	2n25	11s37	0n56	23n11	1n17	19n 0	0s 1	1n 0	2s 5	34s34	12s56	0s36	0s33	11n38		n.a.
M 2	23 51	18 15	4 49	21 43	0 2	16 15	0 7	5 9	2 25	11 40	0 56	23 12	1 17	18 59	0 1	1 0	2 5	34 34	12 56	0 32	0 32	11 36		n.a.
T 3	23 51	18 51	5 0	22 5	0s 6	15 51	0 1	4 59	2 26	11 44	0 56	23 13	1 17	18 59	0 1	1 0	2 5	34 33	12 56	0 27	0 30	11 35		n.a.
W 4	23 51	18 12	4 52	22 26	0 14	15 26	0n 4	4 50	2 27	11 47	0 56	23 14	1 18	18 58	0 1	1 0	2 5	34 33	12 56	0 22	0 29	11 33		n.a.
T 5	23 49	16 19	4 24	22 46	0 22	15 2	0 11	4 40	2 27	11 50	0 56	23 15	1 18	18 58	0 1	1 0	2 5	34 33	12 55	0 17	0 28	11 32		n.a.
F 6	23 48	13 20	3 38	23 5	0 30	14 37	0 17	4 30	2 28	11 54	0 56	23 16	1 18	18 57	0 1	1 1	2 5	34 32	12 55	0 14	0 27	11 30		n.a.
S 7	23 46	9 33	2 38	23 23	0 37	14 12	0 23	4 21	2 29	11 57	0 56	23 16	1 18	18 57	0 1	1 1	2 5	34 32	12 55	0 12	0 25	11 29		n.a.
S 8	23 43	5 16	1 29	23 41	0 44	13 46	0 29	4 11	2 30	12 0	0 56	23 17	1 18	18 57	0 1	1 1	2 4	34 31	12 55	0 11	0 24	11 27		n.a.
M 9	23 40	0 45	0 15	23 57	0 51	13 21	0 36	4 2	2 30	12 3	0 56	23 18	1 18	18 56	0 1	1 1	2 4	34 31	12 55	0 11	0 23	11 26		n.a.
T 10	23 37	3n42	0s58	24 13	0 57	12 55	0 43	3 53	2 31	12 6	0 56	23 19	1 18	18 56	0 1	1 1	2 4	34 31	12 55	0 11	0 21	11 24		n.a.
W11	23 33	7 52	2 6	24 27	1 4	12 30	0 50	3 44	2 32	12 10	0 56	23 20	1 19	18 55	0 1	1 2	2 4	34 30	12 55	0 10	0 20	11 23		n.a.
T 12	23 28	11 33	3 5	24 40	1 10	12 4	0 56	3 34	2 32	12 13	0 56	23 21	1 19	18 55	0 1	1 2	2 4	34 30	12 55	0 9	0 19	11 21		n.a.
F 13	23 23	14 37	3 54	24 52	1 15	11 38	1 3	3 26	2 33	12 16	0 57	23 22	1 19	18 55	0 1	1 2	2 4	34 30	12 55	0 7	0 18	11 20		n.a.
S 14	23 18	16 54	4 31	25 3	1 21	11 12	1 11	3 17	2 34	12 19	0 57	23 23	1 19	18 54	0 1	1 2	2 4	34 29	12 55	0 4	0 16	11 18		n.a.
S 15	23 12	18 20	4 53	25 12	1 26	10 47	1 18	3 8	2 34	12 21	0 57	23 23	1 19	18 54	0 1	1 3	2 4	34 29	12 55	0n 1	0 15	11 17		n.a.
M16	23 6	18 51	5 1	25 20	1 31	10 21	1 25	3 0	2 35	12 24	0 57	23 24	1 19	18 53	0 1	1 3	2 4	34 29	12 55	0 6	0 14	11 15		n.a.
T 17	22 59	18 28	4 54	25 26	1 36	9 55	1 33	2 51	2 36	12 27	0 57	23 25	1 19	18 53	0 1	1 3	2 4	34 28	12 55	0 11	0 12	11 14		n.a.
W18	22 52	17 14	4 34	25 31	1 40	9 29	1 41	2 43	2 36	12 30	0 57	23 26	1 19	18 53	0 1	1 3	2 4	34 28	12 55	0 17	0 11	11 12		n.a.
T 19	22 45	15 15	4 2	25 35	1 44	9 3	1 48	2 35	2 37	12 33	0 57	23 27	1 19	18 53	0 1	1 4	2 4	34 28	12 55	0 22	0 10	11 11		n.a.
F 20	22 37	12 38	3 20	25 37	1 47	8 37	1 56	2 27	2 38	12 35	0 57	23 28	1 20	18 52	0 1	1 4	2 4	34 27	12 55	0 25	0 9	11 9		n.a.
S 21	22 28	9 31	2 29	25 37	1 51	8 12	2 4	2 19	2 38	12 38	0 57	23 29	1 20	18 52	0 1	1 4	2 4	34 27	12 55	0 28	0 7	11 8		n.a.
S 22	22 20	6 3	1 32	25 35	1 54	7 46	2 12	2 11	2 39	12 40	0 57	23 29	1 20	18 52	0 1	1 5	2 3	34 27	12 55	0 30	0 6	11 6		n.a.
M23	22 10	2 19	0 30	25 32	1 56	7 20	2 20	2 3	2 40	12 43	0 57	23 30	1 20	18 51	0 1	1 5	2 3	34 27	12 55	0 30	0 5	11 5		n.a.
T 24	22 1	1s32	0n34	25 27	1 58	6 55	2 29	1 56	2 40	12 45	0 57	23 31	1 20	18 51	0 1	1 6	2 3	34 26	12 55	0 30	0 3	11 3		n.a.
W25	21 51	5 22	1 37	25 20	2 0	6 30	2 37	1 48	2 41	12 48	0 57	23 32	1 20	18 51	0 1	1 6	2 3	34 26	12 55	0 30	0 2	11 1		n.a.
T 26	21 40	9 4	2 37	25 12	2 1	6 5	2 46	1 41	2 42	12 50	0 57	23 33	1 20	18 51	0 1	1 6	2 3	34 26	12 55	0 30	0 1	11 0		n.a.
F 27	21 30	12 27	3 31	25 1	2 2	5 40	2 54	1 34	2 42	12 52	0 57	23 34	1 20	18 50	0 1	1 7	2 3	34 25	12 55	0 31	0n 0	10 58		n.a.
S 28	21 18	15 20	4 16	24 48	2 2	5 16	3 3	1 27	2 43	12 55	0 58	23 34	1 20	18 50	0 1	1 7	2 3	34 25	12 55	0 32	0 2	10 57		n.a.
S 29	21 7	17 29	4 48	24 34	2 2	4 52	3 12	1 21	2 43	12 57	0 58	23 35	1 20	18 50	0 1	1 8	2 3	34 25	12 55	0 35	0 3	10 55		n.a.
M30	20 55	18 38	5 4	24 17	2 2	4 28	3 21	1 14	2 44	12 59	0 58	23 36	1 20	18 50	0 1	1 8	2 3	34 25	12 55	0 38	0 4	10 54		n.a.
T 31	20s42	18s37	5n 0	23s58	2s 1	4s 4	3n30	1n 8	2n45	13s 1	0n58	23n37	1n21	18n50	0s 1	1n 9	2s 3	34s24	12s55	0n42	0n 6	10n52		n.a.

Julian Day Number = 1206420.5, Delta T = 09h17m20s
Ecliptic obliquity = 23°51'29, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'53, Lahiri = -23°24'52 Julian Calendar 1 Jan. 1410 BCE == Greg. Calendar 19 Dec. 1411 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

FEBRUARY 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 52 15	0♒ 3'09	22♉56	24♉ 4	12♓21	3♎42	6♏37	20°R16	23°R 0	7♈30	23♉53	28°R 8	29♍43	24♌17	n.a.	W 1
T 2	7 56 12	1° 2'52	8♒ 4	25°56	12°59	3°58	6°43	20♋11	22♉59	7°31	23°55	27♍59	29°40	24°23	n.a.	T 2
F 3	8 0 9	2° 2'33	23°14	27°50	13°35	4°13	6°49	20° 6	22°58	7°32	23°56	27°53	29°37	24°30	n.a.	F 3
S 4	8 4 5	3° 2'11	8♓16	29°44	14°10	4°29	6°55	20° 2	22°58	7°34	23°58	27°49	29°33	24°37	n.a.	S 4
S 5	8 8 2	4° 1'47	23° 0	1♒40	14°43	4°43	7° 1	19°57	22°58	7°35	24° 0	27°D48	29°30	24°43	n.a.	S 5
M 6	8 11 58	5° 1'21	7♈23	3°37	15°15	4°58	7° 6	19°53	22°57	7°36	24° 1	27°48	29°27	24°50	n.a.	M 6
T 7	8 15 55	6° 0'52	21°23	5°34	15°45	5°11	7°12	19°48	22°57	7°37	24° 3	27°49	29°24	24°57	n.a.	T 7
W 8	8 19 51	7° 0'21	4♉59	7°33	16°14	5°25	7°17	19°44	22°57	7°38	24° 4	27°R49	29°21	25° 3	n.a.	W 8
T 9	8 23 48	7°59'47	18°13	9°33	16°41	5°37	7°22	19°39	22°57	7°40	24° 6	27°49	29°18	25°10	n.a.	T 9
F 10	8 27 44	8°59'10	1♊ 9	11°33	17° 7	5°49	7°27	19°35	22°57	7°41	24° 8	27°46	29°14	25°17	n.a.	F 10
S 11	8 31 41	9°58'32	13°48	13°34	17°31	6° 1	7°32	19°31	22°56	7°42	24° 9	27°42	29°11	25°23	n.a.	S 11
S 12	8 35 38	10°57'51	26°14	15°35	17°52	6°12	7°36	19°26	22°D56	7°44	24°11	27°35	29° 8	25°30	n.a.	S 12
M13	8 39 34	11°57'07	8♋30	17°36	18°12	6°23	7°41	19°22	22°57	7°45	24°12	27°27	29° 5	25°37	n.a.	M13
T 14	8 43 31	12°56'21	20°36	19°38	18°30	6°32	7°45	19°18	22°57	7°47	24°14	27°19	29° 2	25°43	n.a.	T 14
W15	8 47 27	13°55'33	2♌36	21°39	18°46	6°42	7°49	19°14	22°57	7°48	24°15	27°11	28°59	25°50	n.a.	W15
T 16	8 51 24	14°54'42	14°30	23°40	19° 0	6°50	7°53	19°10	22°57	7°50	24°17	27° 3	28°55	25°57	n.a.	T 16
F 17	8 55 20	15°53'50	26°21	25°40	19°12	6°59	7°56	19° 6	22°57	7°51	24°19	26°57	28°52	26° 3	n.a.	F 17
S 18	8 59 17	16°52'55	8♍ 9	27°39	19°21	7° 6	8° 0	19° 2	22°58	7°53	24°20	26°54	28°49	26°10	n.a.	S 18
S 19	9 3 13	17°51'58	19°58	29°37	19°29	7°13	8° 3	18°58	22°58	7°54	24°22	26°52	28°46	26°17	n.a.	S 19
M20	9 7 10	18°50'58	1♎50	1♓33	19°34	7°19	8° 6	18°54	22°58	7°56	24°23	26°D52	28°43	26°23	n.a.	M20
T 21	9 11 6	19°49'57	13°49	3°26	19°36	7°25	8° 9	18°50	22°59	7°57	24°25	26°53	28°39	26°30	n.a.	T 21
W22	9 15 3	20°48'54	25°58	5°17	19°R36	7°29	8°12	18°47	22°59	7°59	24°26	26°54	28°36	26°37	n.a.	W22
T 23	9 19 0	21°47'49	8♏22	7° 4	19°34	7°34	8°15	18°43	23° 0	8° 1	24°28	26°56	28°33	26°43	n.a.	T 23
F 24	9 22 56	22°46'42	21° 5	8°48	19°30	7°37	8°17	18°39	23° 1	8° 2	24°29	26°R57	28°30	26°50	n.a.	F 24
S 25	9 26 53	23°45'34	4♐12	10°29	19°23	7°40	8°19	18°36	23° 1	8° 4	24°31	26°56	28°27	26°57	n.a.	S 25
S 26	9 30 49	24°44'23	17°45	12° 5	19°13	7°42	8°21	18°33	23° 2	8° 6	24°32	26°54	28°24	27° 3	n.a.	S 26
M27	9 34 46	25°43'11	1♑47	13°37	19° 1	7°43	8°23	18°29	23° 3	8° 8	24°33	26°51	28°20	27°10	n.a.	M27
T 28	9 38 42	26♒41'57	16♑15	15♓ 4	18♓46	7°R44	8♏25	18♋26	23♉ 4	8♈ 9	24♉35	26♍47	28♍17	27♌17	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s30	17s19	4n37	23s38	1s59	3s41	3n39	1n 2	2n45	13s 3	0n58	23n38	1n21	18n50	0s 1	1n 9	2s 3	34s24	12s55	0n45	0n 7	10n51		n.a.
T 2	20 16	14 48	3 54	23 15	1 57	3 18	3 48	0 56	2 46	13 5	0 58	23 38	1 21	18 50	0 1	1 10	2 3	34 24	12 55	0 49	0 8	10 49		n.a.
F 3	20 3	11 16	2 54	22 50	1 54	2 56	3 57	0 50	2 46	13 7	0 58	23 39	1 21	18 49	0 1	1 10	2 3	34 24	12 55	0 51	0 9	10 48		n.a.
S 4	19 49	7 2	1 43	22 22	1 51	2 33	4 6	0 44	2 47	13 9	0 58	23 40	1 21	18 49	0 1	1 11	2 3	34 23	12 56	0 53	0 11	10 46		n.a.
S 5	19 35	2 26	0 26	21 53	1 48	2 12	4 16	0 39	2 47	13 11	0 58	23 41	1 21	18 49	0 1	1 11	2 3	34 23	12 56	0 54	0 12	10 44		n.a.
M 6	19 21	2n12	0s51	21 22	1 43	1 51	4 25	0 33	2 48	13 13	0 58	23 41	1 21	18 49	0 1	1 12	2 2	34 23	12 56	0 53	0 13	10 43		n.a.
T 7	19 6	6 34	2 4	20 48	1 39	1 30	4 34	0 28	2 48	13 14	0 58	23 42	1 21	18 49	0 1	1 12	2 2	34 23	12 56	0 53	0 15	10 41		n.a.
W 8	18 51	10 29	3 7	20 12	1 33	1 10	4 44	0 24	2 49	13 16	0 58	23 43	1 21	18 49	0 1	1 13	2 2	34 22	12 56	0 53	0 16	10 40		n.a.
T 9	18 35	13 45	3 58	19 34	1 27	0 51	4 53	0 19	2 49	13 17	0 58	23 44	1 21	18 49	0 1	1 14	2 2	34 22	12 56	0 53	0 17	10 38		n.a.
F 10	18 19	16 15	4 36	18 54	1 20	0 32	5 3	0 14	2 50	13 19	0 59	23 44	1 21	18 49	0 1	1 14	2 2	34 22	12 56	0 54	0 18	10 37		n.a.
S 11	18 3	17 54	4 59	18 13	1 13	0 14	5 12	0 10	2 50	13 20	0 59	23 45	1 21	18 49	0 1	1 15	2 2	34 22	12 56	0 56	0 20	10 35		n.a.
S 12	17 47	18 40	5 8	17 29	1 5	0n 3	5 22	0 6	2 51	13 22	0 59	23 46	1 21	18 49	0 1	1 15	2 2	34 22	12 56	0 58	0 21	10 34		n.a.
M13	17 30	18 33	5 2	16 43	0 57	0 19	5 31	0 2	2 51	13 23	0 59	23 46	1 21	18 49	0 1	1 16	2 2	34 21	12 57	1 2	0 22	10 32		n.a.
T 14	17 13	17 35	4 43	15 56	0 48	0 35	5 40	0s 1	2 52	13 25	0 59	23 47	1 21	18 49	0 1	1 17	2 2	34 21	12 57	1 5	0 24	10 30		n.a.
W15	16 56	15 50	4 12	15 8	0 38	0 50	5 50	0 5	2 52	13 26	0 59	23 47	1 21	18 49	0 1	1 17	2 2	34 21	12 57	1 9	0 25	10 29		n.a.
T 16	16 39	13 26	3 29	14 18	0 28	1 4	5 59	0 8	2 52	13 27	0 59	23 48	1 21	18 49	0 1	1 18	2 2	34 21	12 57	1 11	0 26	10 27		n.a.
F 17	16 21	10 29	2 38	13 27	0 17	1 17	6 8	0 11	2 53	13 28	0 59	23 49	1 21	18 49	0 1	1 18	2 2	34 21	12 57	1 14	0 27	10 26		n.a.
S 18	16 3	7 7	1 40	12 36	0 6	1 29	6 17	0 14	2 53	13 29	0 59	23 49	1 21	18 49	0 1	1 19	2 2	34 21	12 57	1 15	0 29	10 24		n.a.
S 19	15 45	3 28	0 37	11 44	0n 5	1 40	6 26	0 16	2 53	13 30	0 59	23 50	1 21	18 49	0 1	1 20	2 2	34 21	12 57	1 16	0 30	10 23		n.a.
M20	15 26	0s20	0n27	10 51	0 17	1 50	6 35	0 18	2 53	13 31	0 59	23 50	1 21	18 50	0 1	1 21	2 2	34 20	12 58	1 16	0 31	10 21		n.a.
T 21	15 7	4 9	1 31	9 59	0 29	1 59	6 43	0 21	2 53	13 32	0 59	23 51	1 21	18 50	0 1	1 21	2 2	34 20	12 58	1 16	0 33	10 19		n.a.
W22	14 48	7 50	2 32	9 6	0 41	2 6	6 51	0 22	2 54	13 33	1 0	23 52	1 21	18 50	0 1	1 22	2 2	34 20	12 58	1 15	0 34	10 18		n.a.
T 23	14 29	11 16	3 28	8 15	0 53	2 12	6 59	0 24	2 54	13 34	1 0	23 52	1 21	18 50	0 1	1 23	2 1	34 20	12 58	1 14	0 35	10 16		n.a.
F 24	14 10	14 16	4 14	7 24	1 6	2 18	7 7	0 25	2 54	13 34	1 0	23 53	1 21	18 50	0 1	1 23	2 1	34 20	12 58	1 14	0 36	10 15		n.a.
S 25	13 50	16 37	4 49	6 34	1 18	2 21	7 14	0 26	2 54	13 35	1 0	23 53	1 21	18 50	0 1	1 24	2 1	34 20	12 58	1 14	0 38	10 13		n.a.
S 26	13 30	18 9	5 9	5 46	1 30	2 24	7 21	0 27	2 54	13 36	1 0	23 54	1 21	18 51	0 1	1 25	2 1	34 20	12 59	1 15	0 39	10 11		n.a.
M27	13 10	18 39	5 12	4 59	1 42	2 25	7 27	0 28	2 54	13 36	1 0	23 54	1 21	18 51	0 1	1 26	2 1	34 20	12 59	1 16	0 40	10 10		n.a.
T 28	12s50	17s58	4n55	4s14	1n53	2n25	7n33	0s28	2n54	13s37	1n 0	23n54	1n21	18n51	0s 1	1n26	2s 1	34s19	12s59	1n18	0n42	10n 8		n.a.

Julian Day Number = 1206451.5, Delta T = 09h17m18s
Ecliptic obliquity = 23°51'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'49, Lahiri = -23°24'48 Julian Calendar 1 Feb. 1410 BCE == Greg. Calendar 19 Jan. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

MARCH 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 42 39	27♒40'40	1♒ 7	16♓27	18°R30	7°R44	8♏27	18°R23	23♉ 4	8♈11	24♑36	26°R43	28♍14	27♌23	n.a.	W 1
T 2	9 46 35	28°39'22	16°14	17°44	18♓10	7♎43	8°28	18♋20	23° 5	8°13	24°38	26♍39	28°11	27°30	n.a.	T 2
F 3	9 50 32	29°38'02	1♓29	18°56	17°49	7°41	8°29	18°17	23° 6	8°15	24°39	26°36	28° 8	27°37	n.a.	F 3
S 4	9 54 28	0♓36'39	16°40	20° 2	17°25	7°39	8°30	18°14	23° 7	8°17	24°40	26°35	28° 5	27°43	n.a.	S 4
S 5	9 58 25	1°35'15	1♈37	21° 2	16°59	7°35	8°31	18°11	23° 9	8°18	24°42	26°D34	28° 1	27°50	n.a.	S 5
M 6	10 2 22	2°33'48	16°15	21°57	16°31	7°31	8°31	18° 8	23°10	8°20	24°43	26°35	27°58	27°57	n.a.	M 6
T 7	10 6 18	3°32'19	0♉28	22°46	16° 1	7°27	8°32	18° 6	23°11	8°22	24°45	26°37	27°55	28° 3	n.a.	T 7
W 8	10 10 15	4°30'47	14°15	23°29	15°29	7°21	8°32	18° 3	23°12	8°24	24°46	26°38	27°52	28°10	n.a.	W 8
T 9	10 14 11	5°29'14	27°36	24° 5	14°56	7°15	8°R32	18° 1	23°13	8°26	24°47	26°39	27°49	28°17	n.a.	T 9
F 10	10 18 8	6°27'38	10♊33	24°36	14°21	7° 8	8°32	17°58	23°15	8°28	24°48	26°R39	27°45	28°23	n.a.	F 10
S 11	10 22 4	7°26'00	23°11	25° 1	13°45	7° 0	8°31	17°56	23°16	8°30	24°50	26°38	27°42	28°30	n.a.	S 11
S 12	10 26 1	8°24'19	5♋32	25°19	13° 8	6°52	8°31	17°54	23°18	8°32	24°51	26°37	27°39	28°37	n.a.	S 12
M13	10 29 57	9°22'36	17°40	25°32	12°31	6°42	8°30	17°52	23°19	8°34	24°52	26°34	27°36	28°43	n.a.	M13
T 14	10 33 54	10°20'51	29°39	25°38	11°53	6°32	8°29	17°50	23°21	8°36	24°53	26°32	27°33	28°50	n.a.	T 14
W15	10 37 50	11°19'04	11♌31	25°R39	11°15	6°22	8°28	17°48	23°22	8°38	24°55	26°30	27°30	28°57	n.a.	W15
T 16	10 41 47	12°17'15	23°21	25°34	10°36	6°10	8°27	17°46	23°24	8°40	24°56	26°27	27°26	29° 3	n.a.	T 16
F 17	10 45 44	13°15'24	5♍ 9	25°23	9°58	5°58	8°25	17°44	23°26	8°42	24°57	26°26	27°23	29°10	n.a.	F 17
S 18	10 49 40	14°13'31	16°59	25° 8	9°21	5°45	8°24	17°43	23°27	8°44	24°58	26°25	27°20	29°17	n.a.	S 18
S 19	10 53 37	15°11'36	28°53	24°48	8°44	5°32	8°22	17°41	23°29	8°46	24°59	26°D25	27°17	29°23	n.a.	S 19
M20	10 57 33	16° 9'40	10♎52	24°23	8° 9	5°18	8°20	17°40	23°31	8°48	25° 0	26°25	27°14	29°30	n.a.	M20
T 21	11 1 30	17° 7'41	23° 0	23°55	7°34	5° 3	8°17	17°39	23°33	8°51	25° 2	26°26	27°10	29°37	n.a.	T 21
W22	11 5 26	18° 5'41	5♏18	23°24	7° 1	4°47	8°15	17°37	23°35	8°53	25° 3	26°27	27° 7	29°43	n.a.	W22
T 23	11 9 23	19° 3'40	17°49	22°50	6°30	4°31	8°13	17°36	23°37	8°55	25° 4	26°28	27° 4	29°50	n.a.	T 23
F 24	11 13 19	20° 1'37	0♐37	22°14	6° 0	4°15	8°10	17°35	23°39	8°57	25° 5	26°28	27° 1	29°57	n.a.	F 24
S 25	11 17 16	20°59'32	13°44	21°36	5°32	3°57	8° 7	17°34	23°41	8°59	25° 6	26°29	26°58	0♍ 3	n.a.	S 25
S 26	11 21 12	21°57'26	27°13	20°58	5° 7	3°40	8° 4	17°34	23°43	9° 1	25° 7	26°R29	26°55	0°10	n.a.	S 26
M27	11 25 9	22°55'19	11♑ 5	20°20	4°43	3°21	8° 0	17°33	23°45	9° 3	25° 8	26°28	26°51	0°17	n.a.	M27
T 28	11 29 6	23°53'10	25°19	19°43	4°22	3° 3	7°57	17°32	23°47	9° 6	25° 9	26°28	26°48	0°23	n.a.	T 28
W29	11 33 2	24°51'00	9♒55	19° 6	4° 3	2°44	7°53	17°32	23°49	9° 8	25°10	26°28	26°45	0°30	n.a.	W29
T 30	11 36 59	25°48'49	24°47	18°32	3°47	2°24	7°50	17°31	23°52	9°10	25°11	26°28	26°42	0°37	n.a.	T 30
F 31	11 40 55	26♓46'36	9♓49	18♓ 1	3♓33	2♎ 4	7♏46	17♋31	23♉54	9♈12	25♑12	26°D28	26♍39	0♍43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	12s29	16s 3	4n19	3s32	2n 5	2n23	7n38	0s28	2n54	13s37	1n 0	23n55	1n21	18n51	0s 1	1n27	2s 1	34s19	12s59	1n20	0n43	10n 7			n.a.
T 2	12 9	13 1	3 24	2 52	2 15	2 20	7 43	0 28	2 53	13 37	1 0	23 55	1 21	18 51	0 1	1 28	2 1	34 19	12 59	1 21	0 44	10 5			n.a.
F 3	11 48	9 3	2 14	2 14	2 25	2 15	7 47	0 27	2 53	13 38	1 0	23 56	1 21	18 52	0 1	1 29	2 1	34 19	13 0	1 22	0 45	10 4			n.a.
S 4	11 27	4 31	0 54	1 39	2 35	2 9	7 51	0 27	2 53	13 38	1 0	23 56	1 21	18 52	0 1	1 29	2 1	34 19	13 0	1 23	0 47	10 2			n.a.
S 5	11 6	0n14	0s28	1 7	2 43	2 2	7 54	0 26	2 53	13 38	1 0	23 56	1 21	18 52	0 1	1 30	2 1	34 19	13 0	1 23	0 48	10 0			n.a.
M 6	10 44	4 52	1 46	0 38	2 51	1 53	7 56	0 24	2 52	13 38	1 0	23 57	1 21	18 53	0 1	1 31	2 1	34 19	13 0	1 23	0 49	9 59			n.a.
T 7	10 23	9 5	2 56	0 12	2 58	1 42	7 57	0 23	2 52	13 38	1 1	23 57	1 21	18 53	0 1	1 32	2 1	34 19	13 0	1 22	0 51	9 57			n.a.
W 8	10 1	12 41	3 53	0n11	3 4	1 30	7 58	0 21	2 51	13 38	1 1	23 57	1 21	18 53	0 1	1 33	2 1	34 19	13 1	1 22	0 52	9 56			n.a.
T 9	9 40	15 29	4 36	0 30	3 9	1 17	7 57	0 19	2 51	13 38	1 1	23 58	1 21	18 54	0 1	1 33	2 1	34 19	13 1	1 21	0 53	9 54			n.a.
F 10	9 18	17 25	5 3	0 46	3 13	1 3	7 56	0 17	2 50	13 38	1 1	23 58	1 21	18 54	0 1	1 34	2 1	34 19	13 1	1 21	0 54	9 52			n.a.
S 11	8 56	18 26	5 15	0 59	3 16	0 47	7 54	0 14	2 49	13 38	1 1	23 58	1 21	18 54	0 1	1 35	2 1	34 19	13 1	1 22	0 56	9 51			n.a.
S 12	8 34	18 33	5 12	1 8	3 18	0 30	7 51	0 12	2 49	13 38	1 1	23 59	1 21	18 55	0 1	1 36	2 1	34 19	13 2	1 22	0 57	9 49			n.a.
M13	8 11	17 48	4 55	1 13	3 18	0 12	7 48	0 9	2 48	13 37	1 1	23 59	1 21	18 55	0 1	1 37	2 1	34 19	13 2	1 23	0 58	9 47			n.a.
T 14	7 49	16 16	4 25	1 15	3 17	0s 6	7 43	0 5	2 47	13 37	1 1	23 59	1 21	18 56	0 1	1 38	2 1	34 19	13 2	1 24	1 0	9 46			n.a.
W15	7 27	14 3	3 44	1 13	3 15	0 26	7 38	0 2	2 46	13 37	1 1	23 59	1 21	18 56	0 1	1 38	2 1	34 19	13 2	1 25	1 1	9 44			n.a.
T 16	7 4	11 15	2 53	1 8	3 12	0 46	7 31	0n 2	2 45	13 36	1 1	24 0	1 21	18 56	0 1	1 39	2 1	34 19	13 3	1 26	1 2	9 43			n.a.
F 17	6 41	8 0	1 55	0 59	3 7	1 7	7 24	0 5	2 44	13 36	1 1	24 0	1 21	18 57	0 1	1 40	2 1	34 19	13 3	1 27	1 3	9 41			n.a.
S 18	6 19	4 26	0 52	0 47	3 1	1 29	7 16	0 10	2 43	13 35	1 1	24 0	1 21	18 57	0 1	1 41	2 1	34 19	13 3	1 27	1 5	9 39			n.a.
S 19	5 56	0 40	0n14	0 32	2 53	1 51	7 7	0 14	2 41	13 34	1 1	24 0	1 21	18 58	0 1	1 42	2 0	34 19	13 3	1 27	1 6	9 38			n.a.
M20	5 33	3s10	1 19	0 14	2 44	2 13	6 58	0 18	2 40	13 34	1 1	24 0	1 21	18 58	0 1	1 43	2 0	34 19	13 4	1 27	1 7	9 36			n.a.
T 21	5 10	6 54	2 22	0s 7	2 33	2 35	6 48	0 23	2 39	13 33	1 1	24 0	1 21	18 59	0 1	1 44	2 0	34 19	13 4	1 26	1 9	9 35			n.a.
W22	4 47	10 23	3 20	0 30	2 22	2 57	6 37	0 28	2 37	13 32	1 1	24 1	1 21	18 59	0 0	1 44	2 0	34 19	13 4	1 26	1 10	9 33			n.a.
T 23	4 24	13 28	4 8	0 55	2 9	3 19	6 26	0 33	2 36	13 31	1 1	24 1	1 21	19 0	0 0	1 45	2 0	34 19	13 5	1 26	1 11	9 31			n.a.
F 24	4 1	15 58	4 46	1 22	1 56	3 40	6 15	0 38	2 34	13 30	1 2	24 1	1 21	19 0	0 0	1 46	2 0	34 19	13 5	1 26	1 12	9 30			n.a.
S 25	3 38	17 43	5 10	1 51	1 41	4 2	6 2	0 43	2 32	13 29	1 2	24 1	1 21	19 1	0 0	1 47	2 0	34 19	13 5	1 25	1 14	9 28			n.a.
S 26	3 15	18 32	5 18	2 20	1 26	4 23	5 50	0 49	2 30	13 28	1 2	24 1	1 21	19 1	0 0	1 48	2 0	34 19	13 5	1 25	1 15	9 26			n.a.
M27	2 51	18 17	5 8	2 50	1 10	4 43	5 37	0 54	2 28	13 27	1 2	24 1	1 21	19 2	0 0	1 49	2 0	34 20	13 6	1 26	1 16	9 25			n.a.
T 28	2 28	16 53	4 39	3 20	0 53	5 3	5 24	1 0	2 26	13 26	1 2	24 1	1 21	19 2	0 0	1 50	2 0	34 20	13 6	1 26	1 18	9 23			n.a.
W29	2 5	14 22	3 51	3 49	0 37	5 22	5 11	1 6	2 24	13 25	1 2	24 1	1 20	19 3	0 0	1 51	2 0	34 20	13 6	1 26	1 19	9 22			n.a.
T 30	1 42	10 52	2 47	4 18	0 20	5 40	4 58	1 12	2 22	13 23	1 2	24 1	1 20	19 4	0 0	1 51	2 0	34 20	13 7	1 26	1 20	9 20			n.a.
F 31	1s18	6s37	1n31	4s46	0n 3	5s58	4n45	1n18	2n20	13s22	1n 2	24n 1	1n20	19n 4	0s 0	1n52	2s 0	34s20	13s 7	1n26	1n21	9n18			n.a.

Julian Day Number = 1206479.5, Delta T = 09h17m17s
Ecliptic obliquity = 23°51'30, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'45, Lahiri = -23°24'44 Julian Calendar 1 March 1410 BCE == Greg. Calendar 16 Feb. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

APRIL 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 44 52	27♓44'21	24♓52	17°R32	3°R21	1°R44	7°R41	17°R31	23♉56	9♈14	25♊12	26°R28	26♍36	0♍50	n.a.	S 1
S 2	11 48 48	28°42'05	9♈49	17♓ 6	3♓12	1♎24	7♏37	17°D31	23°59	9°17	25°13	26♍28	26°32	0°57	n.a.	S 2
M 3	11 52 45	29°39'48	24°30	16°45	3° 5	1° 3	7°33	17♋31	24° 1	9°19	25°14	26°28	26°29	1° 3	n.a.	M 3
T 4	11 56 41	0♈37'28	8♉50	16°27	3° 1	0°42	7°28	17°31	24° 3	9°21	25°15	26°27	26°26	1°10	n.a.	T 4
W 5	12 0 38	1°35'08	22°45	16°14	2°D59	0°22	7°23	17°31	24° 6	9°23	25°16	26°27	26°23	1°17	n.a.	W 5
T 6	12 4 35	2°32'45	6♊14	16° 5	2°59	0° 1	7°18	17°31	24° 9	9°26	25°17	26°26	26°20	1°23	n.a.	T 6
F 7	12 8 31	3°30'21	19°17	16° 0	3° 2	29♍40	7°13	17°32	24°11	9°28	25°17	26°26	26°16	1°30	n.a.	F 7
S 8	12 12 28	4°27'55	1♋58	16°D 0	3° 6	29°19	7° 8	17°32	24°14	9°30	25°18	26°D25	26°13	1°37	n.a.	S 8
S 9	12 16 24	5°25'28	14°19	16° 4	3°14	28°58	7° 3	17°33	24°16	9°32	25°19	26°26	26°10	1°43	n.a.	S 9
M10	12 20 21	6°22'59	26°25	16°14	3°23	28°37	6°57	17°34	24°19	9°34	25°20	26°26	26° 7	1°50	n.a.	M10
T 11	12 24 17	7°20'28	8♌22	16°27	3°34	28°16	6°52	17°35	24°22	9°37	25°20	26°27	26° 4	1°57	n.a.	T 11
W12	12 28 14	8°17'56	20°12	16°45	3°48	27°56	6°46	17°36	24°24	9°39	25°21	26°28	26° 1	2° 3	n.a.	W12
T 13	12 32 10	9°15'22	2♍ 0	17° 8	4° 3	27°36	6°40	17°37	24°27	9°41	25°22	26°29	25°57	2°10	n.a.	T 13
F 14	12 36 7	10°12'47	13°49	17°35	4°20	27°16	6°34	17°38	24°30	9°43	25°22	26°30	25°54	2°17	n.a.	F 14
S 15	12 40 4	11°10'11	25°44	18° 5	4°39	26°56	6°28	17°39	24°33	9°46	25°23	26°R30	25°51	2°23	n.a.	S 15
S 16	12 44 0	12° 7'34	7♎45	18°41	5° 0	26°37	6°22	17°40	24°36	9°48	25°23	26°30	25°48	2°30	n.a.	S 16
M17	12 47 57	13° 4'55	19°56	19°20	5°23	26°18	6°15	17°42	24°39	9°50	25°24	26°29	25°45	2°37	n.a.	M17
T 18	12 51 53	14° 2'15	2♏18	20° 2	5°48	26° 0	6° 9	17°43	24°42	9°52	25°24	26°27	25°41	2°43	n.a.	T 18
W19	12 55 50	14°59'34	14°52	20°49	6°14	25°42	6° 2	17°45	24°44	9°55	25°25	26°25	25°38	2°50	n.a.	W19
T 20	12 59 46	15°56'53	27°39	21°39	6°41	25°25	5°56	17°47	24°47	9°57	25°25	26°22	25°35	2°56	n.a.	T 20
F 21	13 3 43	16°54'10	10♐40	22°33	7°11	25° 8	5°49	17°49	24°50	9°59	25°26	26°19	25°32	3° 3	n.a.	F 21
S 22	13 7 39	17°51'27	23°56	23°30	7°41	24°52	5°42	17°51	24°54	10° 1	25°26	26°17	25°29	3°10	n.a.	S 22
S 23	13 11 36	18°48'44	7♑28	24°31	8°13	24°36	5°35	17°53	24°57	10° 4	25°27	26°15	25°26	3°16	n.a.	S 23
M24	13 15 33	19°45'59	21°16	25°35	8°47	24°22	5°28	17°55	25° 0	10° 6	25°27	26°D15	25°22	3°23	n.a.	M24
T 25	13 19 29	20°43'14	5♒20	26°42	9°21	24° 7	5°21	17°57	25° 3	10° 8	25°27	26°16	25°19	3°30	n.a.	T 25
W26	13 23 26	21°40'29	19°39	27°52	9°57	23°54	5°14	17°59	25° 6	10°10	25°28	26°17	25°16	3°36	n.a.	W26
T 27	13 27 22	22°37'43	4♓10	29° 5	10°34	23°41	5° 6	18° 2	25° 9	10°12	25°28	26°18	25°13	3°43	n.a.	T 27
F 28	13 31 19	23°34'56	18°50	0♈22	11°13	23°29	4°59	18° 4	25°12	10°15	25°28	26°R19	25°10	3°50	n.a.	F 28
S 29	13 35 15	24°32'09	3♈34	1°41	11°52	23°17	4°52	18° 7	25°16	10°17	25°28	26°19	25° 7	3°56	n.a.	S 29
S 30	13 39 12	25♈29'21	18♈14	3♈ 3	12♓33	23♍ 7	4♏44	18♋10	25♉19	10♈19	25♊29	26♍18	25♍ 3	4♍ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s55	1s56	0n 9	5s13	0s13	6s15	4n31	1n24	2n18	13s21	1n 2	24n 1	1n20	19n 5	0s 0	1n53	2s 0	34s20	13s 7	1n26	1n23	9n17		n.a.
S 2	0 32	2n50	1s14	5 38	0 30	6 30	4 18	1 30	2 15	13 19	1 2	24 1	1 20	19 5	0 0	1 54	2 0	34 20	13 8	1 26	1 24	9 15		n.a.
M 3	0 8	7 20	2 30	6 1	0 45	6 45	4 4	1 36	2 13	13 18	1 2	24 1	1 20	19 6	0 0	1 55	2 0	34 20	13 8	1 26	1 25	9 13		n.a.
T 4	0n15	11 19	3 35	6 22	1 1	6 59	3 51	1 42	2 10	13 16	1 2	24 1	1 20	19 7	0 0	1 56	2 0	34 21	13 8	1 26	1 27	9 12		n.a.
W 5	0 38	14 31	4 25	6 41	1 15	7 12	3 38	1 48	2 7	13 15	1 2	24 1	1 20	19 7	0 0	1 57	2 0	34 21	13 9	1 26	1 28	9 10		n.a.
T 6	1 2	16 50	4 58	6 57	1 29	7 24	3 25	1 54	2 5	13 13	1 2	24 1	1 20	19 8	0 0	1 58	2 0	34 21	13 9	1 26	1 29	9 8		n.a.
F 7	1 25	18 11	5 15	7 11	1 42	7 36	3 12	2 0	2 2	13 11	1 2	24 0	1 20	19 8	0 0	1 59	2 0	34 21	13 9	1 27	1 30	9 7		n.a.
S 8	1 48	18 34	5 16	7 22	1 54	7 46	2 59	2 6	1 59	13 10	1 2	24 0	1 20	19 9	0 0	2 0	2 0	34 21	13 10	1 27	1 32	9 5		n.a.
S 9	2 11	18 4	5 2	7 30	2 5	7 55	2 47	2 11	1 56	13 8	1 2	24 0	1 20	19 10	0 0	2 0	2 0	34 21	13 10	1 27	1 33	9 3		n.a.
M10	2 35	16 44	4 35	7 36	2 16	8 3	2 34	2 17	1 53	13 6	1 2	24 0	1 20	19 11	0 0	2 1	2 0	34 22	13 10	1 26	1 34	9 2		n.a.
T 11	2 58	14 41	3 57	7 40	2 25	8 10	2 22	2 23	1 50	13 4	1 2	24 0	1 20	19 11	0 0	2 2	2 0	34 22	13 11	1 26	1 36	9 0		n.a.
W12	3 21	12 2	3 8	7 40	2 34	8 16	2 10	2 28	1 47	13 2	1 2	24 0	1 20	19 12	0 0	2 3	2 0	34 22	13 11	1 26	1 37	8 59		n.a.
T 13	3 44	8 54	2 12	7 39	2 42	8 21	1 59	2 33	1 44	13 0	1 2	24 0	1 20	19 13	0 0	2 4	2 0	34 22	13 11	1 25	1 38	8 57		n.a.
F 14	4 7	5 24	1 10	7 34	2 49	8 26	1 47	2 39	1 41	12 58	1 2	23 59	1 20	19 13	0 0	2 5	2 0	34 22	13 12	1 25	1 39	8 55		n.a.
S 15	4 30	1 40	0 4	7 27	2 54	8 29	1 36	2 44	1 38	12 56	1 2	23 59	1 20	19 14	0 0	2 6	2 0	34 23	13 12	1 25	1 41	8 54		n.a.
S 16	4 52	2s11	1n 2	7 18	2 59	8 31	1 25	2 48	1 34	12 54	1 2	23 59	1 19	19 15	0 0	2 7	2 0	34 23	13 12	1 25	1 42	8 52		n.a.
M17	5 15	5 59	2 6	7 6	3 4	8 33	1 15	2 53	1 31	12 52	1 2	23 59	1 19	19 15	0 0	2 8	2 0	34 23	13 13	1 25	1 43	8 50		n.a.
T 18	5 38	9 35	3 5	6 52	3 7	8 33	1 4	2 57	1 28	12 50	1 2	23 58	1 19	19 16	0 0	2 9	2 0	34 23	13 13	1 26	1 44	8 49		n.a.
W19	6 0	12 49	3 56	6 35	3 9	8 33	0 54	3 2	1 25	12 48	1 2	23 58	1 19	19 17	0 0	2 9	2 0	34 23	13 13	1 27	1 46	8 47		n.a.
T 20	6 23	15 29	4 37	6 17	3 11	8 32	0 44	3 5	1 21	12 46	1 1	23 58	1 19	19 18	0 0	2 10	2 0	34 24	13 14	1 28	1 47	8 45		n.a.
F 21	6 45	17 26	5 4	5 56	3 12	8 30	0 35	3 9	1 18	12 44	1 1	23 57	1 19	19 18	0 0	2 11	2 0	34 24	13 14	1 29	1 48	8 44		n.a.
S 22	7 7	18 28	5 15	5 33	3 12	8 27	0 25	3 13	1 15	12 41	1 1	23 57	1 19	19 19	0 0	2 12	2 0	34 24	13 14	1 30	1 50	8 42		n.a.
S 23	7 30	18 30	5 9	5 8	3 11	8 23	0 16	3 16	1 11	12 39	1 1	23 57	1 19	19 20	0 0	2 13	2 0	34 24	13 15	1 31	1 51	8 40		n.a.
M24	7 52	17 26	4 46	4 41	3 9	8 18	0 7	3 19	1 8	12 37	1 1	23 56	1 19	19 21	0 0	2 14	2 0	34 25	13 15	1 31	1 52	8 39		n.a.
T 25	8 14	15 18	4 5	4 11	3 7	8 13	0s 1	3 21	1 4	12 34	1 1	23 56	1 19	19 22	0 0	2 15	2 0	34 25	13 15	1 31	1 53	8 37		n.a.
W26	8 35	12 12	3 8	3 40	3 4	8 7	0 9	3 24	1 1	12 32	1 1	23 56	1 19	19 22	0 0	2 16	2 0	34 25	13 16	1 30	1 55	8 35		n.a.
T 27	8 57	8 18	1 59	3 7	3 1	8 0	0 17	3 26	0 58	12 30	1 1	23 55	1 19	19 23	0 0	2 16	2 0	34 26	13 16	1 30	1 56	8 34		n.a.
F 28	9 19	3 52	0 41	2 33	2 57	7 52	0 25	3 28	0 54	12 27	1 1	23 55	1 19	19 24	0 0	2 17	2 0	34 26	13 17	1 29	1 57	8 32		n.a.
S 29	9 40	0n50	0s40	1 56	2 52	7 44	0 33	3 29	0 51	12 25	1 1	23 54	1 19	19 25	0 0	2 18	2 0	34 26	13 17	1 29	1 59	8 30		n.a.
S 30	10n 1	5n28	1s57	1s18	2s46	7s35	0s40	3n31	0n48	12s22	1n 1	23n54	1n19	19n25	0s 0	2n19	2s 0	34s26	13s17	1n30	2n 0	8n29		n.a.

Julian Day Number = 1206510.5, Delta T = 09h17m15s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'41, Lahiri = -23°24'40 Julian Calendar 1 Apr. 1410 BCE == Greg. Calendar 19 March 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

MAY 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 43 8	26♈26'32	2♉45	4♈28	13♓14	22°R57	4°R37	18♋12	25♉22	10♈21	25♑29	26°R15	25♍ 0	4♍10	n.a.	M 1
T 2	13 47 5	27°23'43	17° 0	5°56	13°56	22♍48	4♏29	18°15	25°25	10°23	25°29	26♍11	24°57	4°16	n.a.	T 2
W 3	13 51 2	28°20'53	0♊54	7°27	14°40	22°39	4°22	18°18	25°29	10°26	25°29	26° 6	24°54	4°23	n.a.	W 3
T 4	13 54 58	29°18'02	14°24	9° 1	15°24	22°32	4°14	18°21	25°32	10°28	25°29	26° 1	24°51	4°30	n.a.	T 4
F 5	13 58 55	0♉15'11	27°30	10°37	16° 9	22°25	4° 7	18°24	25°35	10°30	25°30	25°57	24°47	4°36	n.a.	F 5
S 6	14 2 51	1°12'19	10♋13	12°17	16°55	22°20	3°59	18°28	25°39	10°32	25°30	25°54	24°44	4°43	n.a.	S 6
S 7	14 6 48	2° 9'26	22°36	13°59	17°42	22°15	3°51	18°31	25°42	10°34	25°30	25°52	24°41	4°50	n.a.	S 7
M 8	14 10 44	3° 6'33	4♌43	15°44	18°30	22°11	3°44	18°34	25°46	10°36	25°30	25°D51	24°38	4°56	n.a.	M 8
T 9	14 14 41	4° 3'38	16°39	17°31	19°18	22° 8	3°36	18°38	25°49	10°38	25°R30	25°52	24°35	5° 3	n.a.	T 9
W10	14 18 37	5° 0'43	28°29	19°21	20° 7	22° 5	3°28	18°42	25°52	10°40	25°30	25°53	24°32	5°10	n.a.	W10
T 11	14 22 34	5°57'48	10♍18	21°14	20°57	22° 4	3°21	18°45	25°56	10°43	25°30	25°55	24°28	5°16	n.a.	T 11
F 12	14 26 31	6°54'52	22°10	23° 9	21°47	22°D 3	3°13	18°49	25°59	10°45	25°30	25°R56	24°25	5°23	n.a.	F 12
S 13	14 30 27	7°51'55	4♎10	25° 7	22°38	22° 3	3° 5	18°53	26° 3	10°47	25°30	25°56	24°22	5°30	n.a.	S 13
S 14	14 34 24	8°48'58	16°20	27° 6	23°30	22° 4	2°58	18°57	26° 6	10°49	25°29	25°54	24°19	5°36	n.a.	S 14
M15	14 38 20	9°46'01	28°44	29° 8	24°22	22° 6	2°50	19° 1	26°10	10°51	25°29	25°50	24°16	5°43	n.a.	M15
T 16	14 42 17	10°43'03	11♏23	1♉12	25°15	22° 9	2°43	19° 5	26°13	10°53	25°29	25°44	24°12	5°49	n.a.	T 16
W17	14 46 13	11°40'06	24°17	3°17	26° 8	22°12	2°35	19° 9	26°17	10°55	25°29	25°37	24° 9	5°56	n.a.	W17
T 18	14 50 10	12°37'08	7♐26	5°24	27° 2	22°16	2°28	19°13	26°20	10°57	25°29	25°29	24° 6	6° 3	n.a.	T 18
F 19	14 54 6	13°34'10	20°48	7°33	27°57	22°21	2°20	19°18	26°24	10°59	25°29	25°21	24° 3	6° 9	n.a.	F 19
S 20	14 58 3	14°31'13	4♑23	9°42	28°52	22°27	2°13	19°22	26°28	11° 1	25°28	25°15	24° 0	6°16	n.a.	S 20
S 21	15 2 0	15°28'16	18° 8	11°52	29°47	22°33	2° 6	19°27	26°31	11° 3	25°28	25°10	23°57	6°23	n.a.	S 21
M22	15 5 56	16°25'19	2♒ 2	14° 2	0♈43	22°41	1°58	19°31	26°35	11° 4	25°28	25° 7	23°53	6°29	n.a.	M22
T 23	15 9 53	17°22'22	16° 4	16°12	1°40	22°49	1°51	19°36	26°38	11° 6	25°28	25°D 6	23°50	6°36	n.a.	T 23
W24	15 13 49	18°19'26	0♓13	18°23	2°37	22°57	1°44	19°40	26°42	11° 8	25°27	25° 7	23°47	6°43	n.a.	W24
T 25	15 17 46	19°16'30	14°28	20°32	3°34	23° 7	1°37	19°45	26°45	11°10	25°27	25° 7	23°44	6°49	n.a.	T 25
F 26	15 21 42	20°13'35	28°46	22°42	4°32	23°17	1°30	19°50	26°49	11°12	25°26	25°R 8	23°41	6°56	n.a.	F 26
S 27	15 25 39	21°10'40	13♈ 4	24°50	5°30	23°28	1°23	19°55	26°53	11°14	25°26	25° 6	23°38	7° 3	n.a.	S 27
S 28	15 29 36	22° 7'45	27°21	26°57	6°28	23°39	1°17	20° 0	26°56	11°16	25°26	25° 3	23°34	7° 9	n.a.	S 28
M29	15 33 32	23° 4'51	11♉30	29° 3	7°27	23°52	1°10	20° 5	27° 0	11°17	25°25	24°57	23°31	7°16	n.a.	M29
T 30	15 37 29	24° 1'58	25°27	1♊ 8	8°26	24° 5	1° 3	20°10	27° 4	11°19	25°25	24°49	23°28	7°23	n.a.	T 30
W31	15 41 25	24♉59'04	9♊ 9	3♊11	9♈26	24♍18	0♏57	20♋15	27♉ 7	11♈21	25♑24	24♍39	23♍25	7♍29	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10n23	9n43	3s 7	0s38	2s40	7s25	0s47	3n31	0n44	12s20	1n 1	23n54	1n19	19n26	0s 0	2n20	2s 0	34s27	13s18	1n31	2n 1	8n27		n.a.
T 2	10 44	13 20	4 3	0n 4	2 33	7 15	0 54	3 32	0 41	12 17	1 1	23 53	1 19	19 27	0 0	2 21	2 0	34 27	13 18	1 33	2 2	8 25		n.a.
W 3	11 4	16 5	4 43	0 47	2 26	7 4	1 0	3 32	0 38	12 15	1 0	23 53	1 19	19 28	0 0	2 22	2 0	34 27	13 18	1 34	2 4	8 24		n.a.
T 4	11 25	17 52	5 6	1 31	2 18	6 52	1 7	3 32	0 35	12 12	1 0	23 52	1 18	19 29	0 0	2 22	2 0	34 28	13 19	1 36	2 5	8 22		n.a.
F 5	11 45	18 38	5 12	2 17	2 10	6 40	1 13	3 32	0 31	12 10	1 0	23 52	1 18	19 30	0 0	2 23	2 0	34 28	13 19	1 38	2 6	8 20		n.a.
S 6	12 6	18 26	5 3	3 5	2 1	6 27	1 18	3 31	0 28	12 7	1 0	23 51	1 18	19 30	0 0	2 24	2 0	34 28	13 19	1 40	2 8	8 18		n.a.
S 7	12 26	17 20	4 39	3 53	1 52	6 14	1 24	3 31	0 25	12 5	1 0	23 51	1 18	19 31	0 0	2 25	2 0	34 29	13 20	1 40	2 9	8 17		n.a.
M 8	12 46	15 29	4 4	4 43	1 43	6 0	1 30	3 29	0 22	12 2	1 0	23 50	1 18	19 32	0 0	2 26	2 0	34 29	13 20	1 41	2 10	8 15		n.a.
T 9	13 6	12 59	3 18	5 34	1 33	5 45	1 35	3 28	0 19	12 0	1 0	23 50	1 18	19 33	0 0	2 27	2 0	34 29	13 20	1 40	2 11	8 13		n.a.
W10	13 25	9 57	2 24	6 26	1 22	5 30	1 40	3 26	0 16	11 57	1 0	23 49	1 18	19 34	0 0	2 27	2 0	34 30	13 21	1 40	2 13	8 12		n.a.
T 11	13 44	6 32	1 24	7 19	1 12	5 15	1 45	3 24	0 13	11 55	0 59	23 48	1 18	19 35	0 0	2 28	2 0	34 30	13 21	1 39	2 14	8 10		n.a.
F 12	14 4	2 51	0 20	8 12	1 1	4 59	1 49	3 21	0 10	11 52	0 59	23 48	1 18	19 35	0n 0	2 29	2 0	34 30	13 22	1 39	2 15	8 8		n.a.
S 13	14 22	1s 0	0n45	9 6	0 50	4 42	1 53	3 19	0 7	11 50	0 59	23 47	1 18	19 36	0 0	2 30	2 0	34 31	13 22	1 39	2 17	8 7		n.a.
S 14	14 41	4 52	1 49	10 1	0 39	4 25	1 58	3 15	0 4	11 47	0 59	23 47	1 18	19 37	0 0	2 30	2 1	34 31	13 22	1 40	2 18	8 5		n.a.
M15	15 0	8 36	2 48	10 55	0 28	4 8	2 2	3 12	0 1	11 45	0 59	23 46	1 18	19 38	0 0	2 31	2 1	34 32	13 23	1 41	2 19	8 3		n.a.
T 16	15 18	12 1	3 41	11 50	0 17	3 50	2 5	3 9	0s 2	11 42	0 59	23 45	1 18	19 39	0 0	2 32	2 1	34 32	13 23	1 43	2 20	8 2		n.a.
W17	15 36	14 55	4 23	12 44	0 6	3 32	2 9	3 5	0 5	11 40	0 59	23 45	1 18	19 40	0 0	2 33	2 1	34 32	13 23	1 46	2 22	8 0		n.a.
T 18	15 54	17 7	4 53	13 38	0n 5	3 13	2 12	3 0	0 7	11 38	0 58	23 44	1 18	19 40	0 0	2 34	2 1	34 33	13 24	1 49	2 23	7 58		n.a.
F 19	16 11	18 26	5 7	14 31	0 16	2 54	2 16	2 56	0 10	11 35	0 58	23 43	1 18	19 41	0 0	2 34	2 1	34 33	13 24	1 53	2 24	7 56		n.a.
S 20	16 29	18 43	5 4	15 23	0 26	2 35	2 19	2 51	0 13	11 33	0 58	23 43	1 18	19 42	0 0	2 35	2 1	34 33	13 24	1 55	2 25	7 55		n.a.
S 21	16 46	17 55	4 44	16 14	0 36	2 15	2 22	2 46	0 15	11 30	0 58	23 42	1 18	19 43	0 0	2 36	2 1	34 34	13 25	1 57	2 27	7 53		n.a.
M22	17 2	16 3	4 6	17 3	0 46	1 55	2 24	2 41	0 18	11 28	0 58	23 41	1 18	19 44	0 0	2 37	2 1	34 34	13 25	1 58	2 28	7 51		n.a.
T 23	17 19	13 12	3 14	17 51	0 55	1 34	2 27	2 35	0 20	11 26	0 57	23 41	1 18	19 45	0 0	2 37	2 1	34 35	13 25	1 59	2 29	7 50		n.a.
W24	17 35	9 34	2 10	18 37	1 3	1 13	2 29	2 30	0 23	11 23	0 57	23 40	1 18	19 46	0 0	2 38	2 1	34 35	13 26	1 59	2 31	7 48		n.a.
T 25	17 51	5 21	0 57	19 21	1 11	0 52	2 31	2 24	0 25	11 21	0 57	23 39	1 18	19 46	0 0	2 39	2 1	34 35	13 26	1 58	2 32	7 46		n.a.
F 26	18 7	0 48	0s20	20 2	1 19	0 31	2 34	2 17	0 28	11 19	0 57	23 38	1 17	19 47	0 0	2 39	2 1	34 36	13 26	1 58	2 33	7 44		n.a.
S 27	18 22	3n48	1 35	20 41	1 26	0 9	2 35	2 11	0 30	11 17	0 57	23 38	1 17	19 48	0 0	2 40	2 1	34 36	13 27	1 59	2 34	7 43		n.a.
S 28	18 37	8 10	2 44	21 18	1 32	0n13	2 37	2 4	0 33	11 14	0 56	23 37	1 17	19 49	0 0	2 41	2 1	34 37	13 27	2 0	2 36	7 41		n.a.
M29	18 52	12 2	3 42	21 52	1 37	0 35	2 39	1 57	0 35	11 12	0 56	23 36	1 17	19 50	0 0	2 41	2 1	34 37	13 27	2 2	2 37	7 39		n.a.
T 30	19 6	15 10	4 26	22 24	1 42	0 57	2 40	1 50	0 37	11 10	0 56	23 35	1 17	19 51	0 0	2 42	2 1	34 38	13 28	2 6	2 38	7 38		n.a.
W31	19n21	17n22	4s54	22n53	1n46	1n20	2s41	1n42	0s39	11s 8	0n56	23n34	1n17	19n52	0n 0	2n43	2s 1	34s38	13s28	2n10	2n40	7n36		n.a.

Julian Day Number = 1206540.5, Delta T = 09h17m13s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'36, Lahiri = -23°24'36 Julian Calendar 1 May 1410 BCE == Greg. Calendar 18 Apr. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

JUNE 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 45 22	25♉56'11	22♊31	5♊13	10♈26	24♍32	0°R51	20♋21	27♉11	11♈23	25°R24	24°R29	23♍22	7♍36	n.a.	T 1
F 2	15 49 18	26°53'18	5♋33	7°13	11°26	24°47	0♏45	20°26	27°15	11°24	25♐23	24♍20	23°18	7°43	n.a.	F 2
S 3	15 53 15	27°50'26	18°14	9°11	12°27	25° 3	0°38	20°31	27°18	11°26	25°23	24°12	23°15	7°49	n.a.	S 3
S 4	15 57 11	28°47'34	0♌36	11° 7	13°28	25°19	0°32	20°37	27°22	11°28	25°22	24° 6	23°12	7°56	n.a.	S 4
M 5	16 1 8	29°44'42	12°43	13° 2	14°29	25°36	0°27	20°42	27°25	11°29	25°21	24° 2	23° 9	8° 3	n.a.	M 5
T 6	16 5 5	0♊41'50	24°39	14°55	15°31	25°53	0°21	20°48	27°29	11°31	25°21	24° 1	23° 6	8° 9	n.a.	T 6
W 7	16 9 1	1°38'59	6♍28	16°46	16°32	26°11	0°15	20°54	27°33	11°32	25°20	24°D 1	23° 3	8°16	n.a.	W 7
T 8	16 12 58	2°36'07	18°18	18°35	17°34	26°30	0°10	20°59	27°36	11°34	25°20	24°R 1	22°59	8°22	n.a.	T 8
F 9	16 16 54	3°33'17	0♎12	20°23	18°37	26°49	0° 5	21° 5	27°40	11°36	25°19	24° 1	22°56	8°29	n.a.	F 9
S 10	16 20 51	4°30'26	12°15	22° 8	19°39	27° 9	29♎59	21°11	27°44	11°37	25°18	24° 0	22°53	8°36	n.a.	S 10
S 11	16 24 47	5°27'36	24°33	23°52	20°42	27°29	29°54	21°17	27°47	11°39	25°17	23°56	22°50	8°42	n.a.	S 11
M12	16 28 44	6°24'47	7♏ 8	25°34	21°45	27°50	29°49	21°23	27°51	11°40	25°17	23°50	22°47	8°49	n.a.	M12
T 13	16 32 41	7°21'59	20° 2	27°14	22°49	28°11	29°45	21°29	27°54	11°42	25°16	23°41	22°44	8°56	n.a.	T 13
W14	16 36 37	8°19'11	3♐16	28°53	23°52	28°33	29°40	21°35	27°58	11°43	25°15	23°31	22°40	9° 2	n.a.	W14
T 15	16 40 34	9°16'24	16°48	0♋29	24°56	28°55	29°36	21°41	28° 2	11°44	25°14	23°19	22°37	9° 9	n.a.	T 15
F 16	16 44 30	10°13'38	0♑36	2° 4	26° 0	29°18	29°32	21°47	28° 5	11°46	25°14	23° 8	22°34	9°16	n.a.	F 16
S 17	16 48 27	11°10'53	14°35	3°37	27° 4	29°41	29°27	21°53	28° 9	11°47	25°13	22°58	22°31	9°22	n.a.	S 17
S 18	16 52 23	12° 8'09	28°42	5° 8	28° 9	0♎ 4	29°24	21°59	28°12	11°48	25°12	22°51	22°28	9°29	n.a.	S 18
M19	16 56 20	13° 5'26	12♒52	6°37	29°14	0°29	29°20	22° 6	28°16	11°50	25°11	22°45	22°24	9°36	n.a.	M19
T 20	17 0 16	14° 2'44	27° 3	8° 4	0♉19	0°53	29°16	22°12	28°19	11°51	25°10	22°43	22°21	9°42	n.a.	T 20
W21	17 4 13	15° 0'04	11♓13	9°30	1°24	1°18	29°13	22°18	28°23	11°52	25° 9	22°42	22°18	9°49	n.a.	W21
T 22	17 8 10	15°57'25	25°19	10°54	2°29	1°44	29°10	22°25	28°26	11°53	25° 8	22°42	22°15	9°56	n.a.	T 22
F 23	17 12 6	16°54'48	9♈22	12°15	3°35	2° 9	29° 7	22°31	28°30	11°55	25° 7	22°42	22°12	10° 2	n.a.	F 23
S 24	17 16 3	17°52'11	23°20	13°35	4°40	2°36	29° 4	22°38	28°33	11°56	25° 6	22°39	22° 9	10° 9	n.a.	S 24
S 25	17 19 59	18°49'37	7♉12	14°53	5°46	3° 2	29° 1	22°44	28°37	11°57	25° 5	22°34	22° 5	10°16	n.a.	S 25
M26	17 23 56	19°47'03	20°56	16° 8	6°52	3°30	28°58	22°51	28°40	11°58	25° 4	22°26	22° 2	10°22	n.a.	M26
T 27	17 27 52	20°44'31	4♊30	17°22	7°59	3°57	28°56	22°58	28°44	11°59	25° 4	22°16	21°59	10°29	n.a.	T 27
W28	17 31 49	21°42'01	17°52	18°33	9° 5	4°25	28°54	23° 4	28°47	12° 0	25° 2	22° 4	21°56	10°35	n.a.	W28
T 29	17 35 45	22°39'31	0♋58	19°42	10°12	4°53	28°52	23°11	28°51	12° 1	25° 1	21°51	21°53	10°42	n.a.	T 29
F 30	17 39 42	23♊37'03	13♋47	20♋49	11♉19	5♎22	28♎50	23♋18	28♉54	12♈ 2	25♑ 0	21♍39	21♍50	10♍49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n35	18n35	5s 4	23n20	1n49	1n43	2s43	1n34	0s41	11s 6	0n56	23n34	1n17	19n52	0n 0	2n43	2s 1	34s38	13s28	2n14	2n41	7n34		n.a.
F 2	19 48	18 46	4 59	23 44	1 52	2 6	2 44	1 26	0 44	11 4	0 55	23 33	1 17	19 53	0 0	2 44	2 1	34 39	13 29	2 17	2 42	7 32		n.a.
S 3	20 1	18 0	4 38	24 5	1 54	2 29	2 44	1 18	0 46	11 2	0 55	23 32	1 17	19 54	0 0	2 45	2 1	34 39	13 29	2 21	2 43	7 31		n.a.
S 4	20 14	16 23	4 5	24 24	1 55	2 52	2 45	1 10	0 48	11 0	0 55	23 31	1 17	19 55	0 0	2 45	2 1	34 40	13 29	2 23	2 45	7 29		n.a.
M 5	20 27	14 4	3 22	24 41	1 56	3 16	2 46	1 1	0 50	10 58	0 55	23 30	1 17	19 56	0 0	2 46	2 1	34 40	13 30	2 24	2 46	7 27		n.a.
T 6	20 39	11 11	2 30	24 55	1 56	3 40	2 46	0 52	0 52	10 57	0 55	23 29	1 17	19 57	0 0	2 46	2 1	34 40	13 30	2 25	2 47	7 26		n.a.
W 7	20 51	7 52	1 32	25 6	1 56	4 3	2 46	0 43	0 54	10 55	0 54	23 28	1 17	19 58	0 0	2 47	2 1	34 41	13 30	2 25	2 48	7 24		n.a.
T 8	21 3	4 14	0 31	25 15	1 54	4 27	2 47	0 34	0 56	10 53	0 54	23 27	1 17	19 58	0 0	2 48	2 2	34 41	13 31	2 25	2 50	7 22		n.a.
F 9	21 14	0 25	0n33	25 22	1 53	4 51	2 47	0 25	0 57	10 51	0 54	23 26	1 17	19 59	0 0	2 48	2 2	34 42	13 31	2 25	2 51	7 20		n.a.
S 10	21 25	3s28	1 36	25 27	1 50	5 15	2 47	0 15	0 59	10 50	0 54	23 26	1 17	20 0	0 0	2 49	2 2	34 42	13 31	2 25	2 52	7 19		n.a.
S 11	21 35	7 17	2 35	25 30	1 48	5 39	2 46	0 5	1 1	10 48	0 53	23 25	1 17	20 1	0 0	2 49	2 2	34 43	13 31	2 27	2 54	7 17		n.a.
M12	21 45	10 52	3 28	25 31	1 44	6 4	2 46	0s 5	1 3	10 47	0 53	23 24	1 17	20 2	0 0	2 50	2 2	34 43	13 32	2 29	2 55	7 15		n.a.
T 13	21 55	14 1	4 12	25 30	1 40	6 28	2 46	0 15	1 5	10 45	0 53	23 23	1 17	20 3	0 0	2 50	2 2	34 44	13 32	2 33	2 56	7 13		n.a.
W14	22 5	16 33	4 43	25 27	1 36	6 52	2 45	0 25	1 6	10 44	0 53	23 22	1 17	20 3	0 0	2 51	2 2	34 44	13 32	2 37	2 57	7 12		n.a.
T 15	22 14	18 13	5 0	25 23	1 31	7 16	2 44	0 36	1 8	10 43	0 52	23 21	1 17	20 4	0 0	2 51	2 2	34 44	13 33	2 42	2 59	7 10		n.a.
F 16	22 22	18 52	4 59	25 16	1 26	7 41	2 44	0 46	1 10	10 41	0 52	23 20	1 17	20 5	0 0	2 52	2 2	34 45	13 33	2 46	3 0	7 8		n.a.
S 17	22 31	18 24	4 41	25 9	1 20	8 5	2 43	0 57	1 11	10 40	0 52	23 19	1 17	20 6	0 0	2 52	2 2	34 45	13 33	2 50	3 1	7 6		n.a.
S 18	22 38	16 47	4 5	24 59	1 14	8 29	2 42	1 8	1 13	10 39	0 52	23 18	1 17	20 7	0 0	2 53	2 2	34 46	13 33	2 53	3 3	7 5		n.a.
M19	22 46	14 8	3 14	24 49	1 7	8 53	2 41	1 19	1 14	10 38	0 51	23 17	1 17	20 8	0 0	2 53	2 2	34 46	13 34	2 55	3 4	7 3		n.a.
T 20	22 53	10 39	2 11	24 37	1 0	9 18	2 39	1 31	1 16	10 37	0 51	23 15	1 17	20 8	0 0	2 54	2 2	34 47	13 34	2 56	3 5	7 1		n.a.
W21	23 0	6 33	1 1	24 24	0 53	9 42	2 38	1 42	1 17	10 36	0 51	23 14	1 17	20 9	0 0	2 54	2 2	34 47	13 34	2 57	3 6	7 0		n.a.
T 22	23 6	2 6	0s14	24 9	0 45	10 6	2 37	1 54	1 19	10 35	0 51	23 13	1 17	20 10	0 0	2 55	2 2	34 47	13 34	2 57	3 8	6 58		n.a.
F 23	23 12	2n27	1 27	23 54	0 37	10 30	2 35	2 6	1 20	10 34	0 50	23 12	1 17	20 11	0 0	2 55	2 2	34 48	13 35	2 57	3 9	6 56		n.a.
S 24	23 18	6 50	2 35	23 38	0 29	10 54	2 34	2 17	1 21	10 33	0 50	23 11	1 17	20 12	0 0	2 55	2 2	34 48	13 35	2 58	3 10	6 54		n.a.
S 25	23 23	10 49	3 32	23 21	0 20	11 17	2 32	2 29	1 23	10 32	0 50	23 10	1 17	20 12	0 0	2 56	2 3	34 49	13 35	3 0	3 11	6 53		n.a.
M26	23 27	14 11	4 17	23 3	0 11	11 41	2 30	2 42	1 24	10 32	0 50	23 9	1 17	20 13	0 0	2 56	2 3	34 49	13 35	3 3	3 13	6 51		n.a.
T 27	23 32	16 43	4 46	22 44	0 1	12 4	2 29	2 54	1 25	10 31	0 49	23 8	1 17	20 14	0 0	2 56	2 3	34 50	13 36	3 7	3 14	6 49		n.a.
W28	23 36	18 19	5 0	22 25	0s 8	12 28	2 27	3 6	1 27	10 31	0 49	23 7	1 17	20 15	0 0	2 57	2 3	34 50	13 36	3 12	3 15	6 47		n.a.
T 29	23 39	18 54	4 57	22 5	0 18	12 51	2 25	3 19	1 28	10 30	0 49	23 6	1 17	20 16	0 0	2 57	2 3	34 50	13 36	3 17	3 17	6 46		n.a.
F 30	23n42	18n31	4s39	21n45	0s28	13n14	2s23	3s32	1s29	10s30	0n48	23n 4	1n17	20n16	0n 0	2n57	2s 3	34s51	13s36	3n22	3n18	6n44		n.a.

Julian Day Number = 1206571.5, Delta T = 09h17m11s
Ecliptic obliquity = 23°51'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'32, Lahiri = -23°24'32 Julian Calendar 1 June 1410 BCE == Greg. Calendar 19 May 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

JULY 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 43 39	24♊34'36	26♋20	21♋53	12♉26	5♎51	28°R48	23♋25	28♉57	12♈ 3	24°R59	21°R28	21♍46	10♍55	n.a.	S 1
S 2	17 47 35	25°32'11	8♌37	22°54	13°33	6°20	28♎47	23°31	29° 1	12° 4	24♑58	21♍20	21°43	11° 2	n.a.	S 2
M 3	17 51 32	26°29'46	20°40	23°53	14°40	6°50	28°46	23°38	29° 4	12° 5	24°57	21°15	21°40	11° 9	n.a.	M 3
T 4	17 55 28	27°27'23	2♍34	24°49	15°47	7°20	28°45	23°45	29° 7	12° 6	24°56	21°12	21°37	11°15	n.a.	T 4
W 5	17 59 25	28°25'01	14°23	25°42	16°55	7°50	28°44	23°52	29°11	12° 6	24°55	21°11	21°34	11°22	n.a.	W 5
T 6	18 3 21	29°22'40	26°11	26°32	18° 3	8°21	28°43	23°59	29°14	12° 7	24°54	21°11	21°30	11°29	n.a.	T 6
F 7	18 7 18	0♋20'20	8♎ 5	27°19	19°11	8°52	28°43	24° 6	29°17	12° 8	24°53	21°11	21°27	11°35	n.a.	F 7
S 8	18 11 14	1°18'01	20° 9	28° 2	20°19	9°24	28°42	24°13	29°20	12° 9	24°52	21° 9	21°24	11°42	n.a.	S 8
S 9	18 15 11	2°15'44	2♏29	28°42	21°27	9°55	28°D42	24°20	29°24	12° 9	24°51	21° 6	21°21	11°49	n.a.	S 9
M10	18 19 8	3°13'28	15°10	29°17	22°35	10°27	28°42	24°27	29°27	12°10	24°49	21° 0	21°18	11°55	n.a.	M10
T 11	18 23 4	4°11'14	28°13	29°49	23°43	11° 0	28°42	24°34	29°30	12°11	24°48	20°52	21°15	12° 2	n.a.	T 11
W12	18 27 1	5° 9'01	11♐41	0♌16	24°52	11°32	28°43	24°41	29°33	12°11	24°47	20°42	21°11	12° 9	n.a.	W12
T 13	18 30 57	6° 6'49	25°32	0°39	26° 1	12° 5	28°44	24°49	29°36	12°12	24°46	20°31	21° 8	12°15	n.a.	T 13
F 14	18 34 54	7° 4'40	9♑42	0°57	27°10	12°38	28°44	24°56	29°39	12°12	24°45	20°20	21° 5	12°22	n.a.	F 14
S 15	18 38 50	8° 2'31	24° 7	1° 9	28°19	13°12	28°45	25° 3	29°42	12°13	24°44	20°10	21° 2	12°29	n.a.	S 15
S 16	18 42 47	9° 0'25	8♒39	1°17	29°28	13°45	28°47	25°10	29°45	12°13	24°42	20° 3	20°59	12°35	n.a.	S 16
M17	18 46 44	9°58'20	23°13	1°R19	0♊37	14°19	28°48	25°17	29°48	12°14	24°41	19°58	20°56	12°42	n.a.	M17
T 18	18 50 40	10°56'18	7♓42	1°15	1°46	14°53	28°49	25°25	29°51	12°14	24°40	19°55	20°52	12°48	n.a.	T 18
W19	18 54 37	11°54'17	22° 4	1° 5	2°56	15°28	28°51	25°32	29°54	12°15	24°39	19°D55	20°49	12°55	n.a.	W19
T 20	18 58 33	12°52'19	6♈14	0°49	4° 5	16° 2	28°53	25°39	29°57	12°15	24°37	19°R55	20°46	13° 2	n.a.	T 20
F 21	19 2 30	13°50'22	20°12	0°27	5°15	16°37	28°55	25°47	29°59	12°15	24°36	19°55	20°43	13° 8	n.a.	F 21
S 22	19 6 26	14°48'28	3♉59	29♋59	6°25	17°13	28°57	25°54	0♊ 3	12°16	24°35	19°54	20°40	13°15	n.a.	S 22
S 23	19 10 23	15°46'36	17°33	29°25	7°35	17°48	29° 0	26° 1	0° 6	12°16	24°34	19°50	20°36	13°22	n.a.	S 23
M24	19 14 19	16°44'46	0♊56	28°46	8°45	18°24	29° 3	26° 9	0° 8	12°16	24°32	19°43	20°33	13°28	n.a.	M24
T 25	19 18 16	17°42'58	14° 7	28° 1	9°55	18°59	29° 5	26°16	0°11	12°16	24°31	19°35	20°30	13°35	n.a.	T 25
W26	19 22 12	18°41'12	27° 6	27°11	11° 6	19°36	29° 8	26°23	0°14	12°16	24°30	19°25	20°27	13°42	n.a.	W26
T 27	19 26 9	19°39'29	9♋52	26°18	12°16	20°12	29°12	26°31	0°16	12°16	24°29	19°14	20°24	13°48	n.a.	T 27
F 28	19 30 6	20°37'47	22°25	25°21	13°27	20°48	29°15	26°38	0°19	12°16	24°27	19° 3	20°21	13°55	n.a.	F 28
S 29	19 34 2	21°36'07	4♌45	24°22	14°37	21°25	29°19	26°45	0°22	12°16	24°26	18°54	20°17	14° 2	n.a.	S 29
S 30	19 37 59	22°34'29	16°53	23°23	15°48	22° 2	29°22	26°53	0°24	12°R16	24°25	18°47	20°14	14° 8	n.a.	S 30
M31	19 41 55	23♋32'53	28♌51	22♋24	16♊59	22♎39	29♎26	27♋ 0	0♊27	12♈16	24♑24	18♍43	20♍11	14♍15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n45	17n12	4s 8	21n25	0s39	13n37	2s20	3s44	1s30	10s29	0n48	23n 3	1n17	20n17	0n 0	2n58	2s 3	34s51	13s36	3n26	3n19	6n42		n.a.
S 2	23 47	15 8	3 25	21 4	0 49	13 59	2 18	3 57	1 31	10 29	0 48	23 2	1 17	20 18	0 1	2 58	2 3	34 52	13 37	3 30	3 20	6 40		n.a.
M 3	23 49	12 25	2 34	20 43	1 0	14 21	2 16	4 10	1 33	10 29	0 48	23 1	1 17	20 19	0 1	2 58	2 3	34 52	13 37	3 32	3 22	6 38		n.a.
T 4	23 50	9 14	1 37	20 22	1 11	14 44	2 14	4 23	1 34	10 29	0 47	23 0	1 17	20 19	0 1	2 59	2 3	34 52	13 37	3 33	3 23	6 37		n.a.
W 5	23 51	5 42	0 36	20 1	1 22	15 5	2 11	4 37	1 35	10 29	0 47	22 58	1 17	20 20	0 1	2 59	2 3	34 53	13 37	3 33	3 24	6 35		n.a.
T 6	23 51	1 57	0n27	19 41	1 34	15 27	2 9	4 50	1 36	10 29	0 47	22 57	1 17	20 21	0 1	2 59	2 3	34 53	13 37	3 33	3 25	6 33		n.a.
F 7	23 51	1s54	1 29	19 21	1 45	15 48	2 6	5 3	1 37	10 29	0 47	22 56	1 17	20 21	0 1	2 59	2 3	34 54	13 38	3 33	3 27	6 31		n.a.
S 8	23 51	5 44	2 27	19 1	1 57	16 9	2 3	5 17	1 38	10 29	0 46	22 55	1 17	20 22	0 1	3 0	2 3	34 54	13 38	3 34	3 28	6 30		n.a.
S 9	23 50	9 25	3 21	18 41	2 8	16 30	2 1	5 30	1 39	10 29	0 46	22 53	1 17	20 23	0 1	3 0	2 3	34 54	13 38	3 35	3 29	6 28		n.a.
M10	23 49	12 45	4 6	18 23	2 20	16 50	1 58	5 44	1 40	10 29	0 46	22 52	1 17	20 24	0 1	3 0	2 3	34 55	13 38	3 38	3 31	6 26		n.a.
T 11	23 47	15 35	4 39	18 5	2 31	17 10	1 55	5 58	1 41	10 30	0 46	22 51	1 17	20 24	0 1	3 0	2 4	34 55	13 38	3 41	3 32	6 24		n.a.
W12	23 45	17 39	4 58	17 48	2 43	17 30	1 52	6 12	1 42	10 30	0 45	22 50	1 17	20 25	0 1	3 0	2 4	34 56	13 38	3 45	3 33	6 23		n.a.
T 13	23 43	18 46	5 1	17 32	2 54	17 49	1 50	6 25	1 42	10 31	0 45	22 48	1 17	20 26	0 1	3 1	2 4	34 56	13 39	3 49	3 34	6 21		n.a.
F 14	23 40	18 45	4 45	17 17	3 5	18 8	1 47	6 39	1 43	10 31	0 45	22 47	1 17	20 26	0 1	3 1	2 4	34 56	13 39	3 54	3 36	6 19		n.a.
S 15	23 37	17 33	4 11	17 4	3 16	18 27	1 44	6 53	1 44	10 32	0 45	22 46	1 17	20 27	0 1	3 1	2 4	34 57	13 39	3 58	3 37	6 17		n.a.
S 16	23 33	15 11	3 21	16 53	3 26	18 45	1 41	7 8	1 45	10 32	0 44	22 44	1 17	20 28	0 1	3 1	2 4	34 57	13 39	4 1	3 38	6 16		n.a.
M17	23 29	11 52	2 17	16 42	3 36	19 3	1 38	7 22	1 46	10 33	0 44	22 43	1 17	20 28	0 1	3 1	2 4	34 57	13 39	4 3	3 39	6 14		n.a.
T 18	23 24	7 50	1 5	16 34	3 45	19 20	1 35	7 36	1 47	10 34	0 44	22 42	1 18	20 29	0 1	3 1	2 4	34 58	13 39	4 4	3 41	6 12		n.a.
W19	23 19	3 23	0s11	16 28	3 54	19 37	1 32	7 50	1 47	10 35	0 43	22 41	1 18	20 30	0 1	3 1	2 4	34 58	13 39	4 4	3 42	6 10		n.a.
T 20	23 13	1n12	1 26	16 24	4 1	19 53	1 28	8 4	1 48	10 36	0 43	22 39	1 18	20 30	0 1	3 1	2 4	34 59	13 39	4 4	3 43	6 8		n.a.
F 21	23 7	5 39	2 34	16 22	4 8	20 9	1 25	8 19	1 49	10 37	0 43	22 38	1 18	20 31	0 1	3 1	2 4	34 59	13 40	4 4	3 45	6 7		n.a.
S 22	23 1	9 44	3 32	16 23	4 14	20 25	1 22	8 33	1 49	10 38	0 43	22 36	1 18	20 32	0 1	3 1	2 4	34 59	13 40	4 4	3 46	6 5		n.a.
S 23	22 54	13 15	4 18	16 26	4 18	20 40	1 19	8 48	1 50	10 39	0 42	22 35	1 18	20 32	0 1	3 1	2 4	35 0	13 40	4 6	3 47	6 3		n.a.
M24	22 47	16 0	4 48	16 31	4 20	20 54	1 16	9 2	1 51	10 40	0 42	22 34	1 18	20 33	0 1	3 2	2 4	35 0	13 40	4 8	3 48	6 1		n.a.
T 25	22 40	17 53	5 3	16 39	4 22	21 8	1 12	9 16	1 51	10 41	0 42	22 32	1 18	20 33	0 1	3 2	2 5	35 0	13 40	4 12	3 50	6 0		n.a.
W26	22 32	18 48	5 1	16 49	4 21	21 22	1 9	9 31	1 52	10 43	0 42	22 31	1 18	20 34	0 1	3 2	2 5	35 1	13 40	4 16	3 51	5 58		n.a.
T 27	22 23	18 45	4 45	17 2	4 18	21 34	1 6	9 46	1 53	10 44	0 41	22 30	1 18	20 35	0 1	3 1	2 5	35 1	13 40	4 20	3 52	5 56		n.a.
F 28	22 15	17 46	4 15	17 17	4 14	21 47	1 2	10 0	1 53	10 45	0 41	22 28	1 18	20 35	0 1	3 1	2 5	35 1	13 40	4 24	3 53	5 54		n.a.
S 29	22 5	15 58	3 33	17 34	4 7	21 59	0 59	10 15	1 54	10 47	0 41	22 27	1 18	20 36	0 1	3 1	2 5	35 1	13 40	4 28	3 55	5 52		n.a.
S 30	21 56	13 28	2 42	17 52	3 59	22 10	0 56	10 29	1 54	10 49	0 41	22 25	1 18	20 36	0 1	3 1	2 5	35 2	13 40	4 31	3 56	5 51		n.a.
M31	21n46	10n27	1s45	18n12	3s49	22n20	0s52	10s44	1s55	10s50	0n40	22n24	1n18	20n37	0n 1	3n 1	2s 5	35s 2	13s40	4n32	3n57	5n49		n.a.

Julian Day Number = 1206601.5, Delta T = 09h17m10s
Ecliptic obliquity = 23°51'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'28, Lahiri = -23°24'28 Julian Calendar 1 July 1410 BCE == Greg. Calendar 18 June 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

AUGUST 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 45 52	24♋31'19	10♍42	21°R27	18♊10	23♎17	29♎30	27♋ 8	0♊29	12°R16	24°R22	18°R41	20♍ 8	14♍22	n.a.	T 1
W 2	19 49 48	25°29'47	22°28	20♋33	19°21	23°54	29°34	27°15	0°32	12♈16	24♉21	18°D40	20° 5	14°28	n.a.	W 2
T 3	19 53 45	26°28'16	4♎15	19°43	20°32	24°32	29°39	27°22	0°34	12°16	24°20	18♍41	20° 1	14°35	n.a.	T 3
F 4	19 57 41	27°26'47	16° 8	18°59	21°43	25°10	29°43	27°30	0°36	12°16	24°19	18°42	19°58	14°41	n.a.	F 4
S 5	20 1 38	28°25'20	28°11	18°22	22°55	25°48	29°48	27°37	0°39	12°16	24°17	18°R43	19°55	14°48	n.a.	S 5
S 6	20 5 35	29°23'55	10♏29	17°52	24° 6	26°27	29°53	27°45	0°41	12°16	24°16	18°42	19°52	14°55	n.a.	S 6
M 7	20 9 31	0♌22'32	23° 8	17°31	25°18	27° 5	29°58	27°52	0°43	12°15	24°15	18°40	19°49	15° 1	n.a.	M 7
T 8	20 13 28	1°21'11	6♐12	17°20	26°29	27°44	0♏ 3	28° 0	0°46	12°15	24°14	18°35	19°46	15° 8	n.a.	T 8
W 9	20 17 24	2°19'51	19°43	17°D17	27°41	28°23	0° 9	28° 7	0°48	12°15	24°12	18°29	19°42	15°15	n.a.	W 9
T 10	20 21 21	3°18'33	3♑41	17°24	28°53	29° 2	0°14	28°14	0°50	12°14	24°11	18°22	19°39	15°21	n.a.	T 10
F 11	20 25 17	4°17'18	18° 4	17°41	0♋ 5	29°41	0°20	28°22	0°52	12°14	24°10	18°15	19°36	15°28	n.a.	F 11
S 12	20 29 14	5°16'04	2♒46	18° 7	1°17	0♏20	0°26	28°29	0°54	12°14	24° 9	18° 9	19°33	15°35	n.a.	S 12
S 13	20 33 10	6°14'53	17°40	18°43	2°29	1° 0	0°32	28°37	0°56	12°13	24° 7	18° 4	19°30	15°41	n.a.	S 13
M14	20 37 7	7°13'44	2♓38	19°27	3°41	1°39	0°38	28°44	0°58	12°13	24° 6	18° 1	19°27	15°48	n.a.	M14
T 15	20 41 3	8°12'36	17°30	20°19	4°53	2°19	0°45	28°51	1° 0	12°12	24° 5	18°D 0	19°23	15°55	n.a.	T 15
W16	20 45 0	9°11'32	2♈11	21°19	6° 5	2°59	0°51	28°59	1° 2	12°11	24° 4	18° 1	19°20	16° 1	n.a.	W16
T 17	20 48 57	10°10'30	16°36	22°26	7°18	3°39	0°58	29° 6	1° 3	12°11	24° 2	18° 2	19°17	16° 8	n.a.	T 17
F 18	20 52 53	11° 9'30	0♉42	23°40	8°30	4°19	1° 5	29°13	1° 5	12°10	24° 1	18° 4	19°14	16°14	n.a.	F 18
S 19	20 56 50	12° 8'33	14°29	24°59	9°43	4°59	1°12	29°21	1° 7	12°10	24° 0	18°R 4	19°11	16°21	n.a.	S 19
S 20	21 0 46	13° 7'38	27°56	26°23	10°56	5°40	1°19	29°28	1° 9	12° 9	23°59	18° 3	19° 7	16°28	n.a.	S 20
M21	21 4 43	14° 6'46	11♊ 6	27°52	12° 9	6°21	1°26	29°35	1°10	12° 8	23°58	18° 0	19° 4	16°34	n.a.	M21
T 22	21 8 39	15° 5'56	24° 0	29°25	13°21	7° 1	1°33	29°42	1°12	12° 8	23°57	17°56	19° 1	16°41	n.a.	T 22
W23	21 12 36	16° 5'09	6♋41	1♌ 0	14°34	7°42	1°41	29°50	1°13	12° 7	23°55	17°51	18°58	16°48	n.a.	W23
T 24	21 16 32	17° 4'24	19° 8	2°39	15°47	8°23	1°48	29°57	1°15	12° 6	23°54	17°46	18°55	16°54	n.a.	T 24
F 25	21 20 29	18° 3'41	1♌25	4°19	17° 1	9° 4	1°56	0♌ 4	1°16	12° 5	23°53	17°41	18°52	17° 1	n.a.	F 25
S 26	21 24 25	19° 3'01	13°31	6° 1	18°14	9°46	2° 4	0°11	1°17	12° 4	23°52	17°36	18°48	17° 8	n.a.	S 26
S 27	21 28 22	20° 2'23	25°30	7°45	19°27	10°27	2°12	0°18	1°19	12° 3	23°51	17°33	18°45	17°14	n.a.	S 27
M28	21 32 19	21° 1'47	7♍22	9°29	20°40	11° 9	2°20	0°25	1°20	12° 2	23°50	17°31	18°42	17°21	n.a.	M28
T 29	21 36 15	22° 1'13	19° 9	11°15	21°54	11°50	2°29	0°33	1°21	12° 2	23°49	17°D31	18°39	17°28	n.a.	T 29
W30	21 40 12	23° 0'41	0♎55	13° 0	23° 7	12°32	2°37	0°40	1°22	12° 1	23°48	17°31	18°36	17°34	n.a.	W30
T 31	21 44 8	24♌ 0'11	12♎43	14♌46	24♋21	13♏14	2♏46	0♌47	1♊24	12♈ 0	23♑47	17♍33	18♍33	17♍41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n35	7n 2	0s43	18n33	3s36	22n30	0s49	10s59	1s55	10s52	0n40	22n23	1n18	20n37	0n 1	3n 1	2s 5	35s 2	13s40	4n33	3n59	5n47		n.a.
W 2	21 25	3 21	0n20	18 55	3 22	22 40	0 46	11 13	1 56	10 54	0 40	22 21	1 18	20 38	0 1	3 1	2 5	35 3	13 40	4 33	4 0	5 45		n.a.
T 3	21 14	0s27	1 23	19 18	3 7	22 49	0 42	11 28	1 56	10 55	0 40	22 20	1 18	20 38	0 1	3 1	2 5	35 3	13 40	4 33	4 1	5 43		n.a.
F 4	21 2	4 16	2 23	19 41	2 50	22 57	0 39	11 42	1 56	10 57	0 39	22 18	1 18	20 39	0 1	3 1	2 5	35 3	13 40	4 33	4 2	5 42		n.a.
S 5	20 50	7 57	3 17	20 3	2 33	23 4	0 36	11 57	1 57	10 59	0 39	22 17	1 19	20 39	0 1	3 1	2 5	35 3	13 40	4 32	4 4	5 40		n.a.
S 6	20 38	11 23	4 3	20 25	2 15	23 11	0 32	12 12	1 57	11 1	0 39	22 15	1 19	20 40	0 1	3 1	2 5	35 4	13 40	4 33	4 5	5 38		n.a.
M 7	20 25	14 23	4 39	20 46	1 56	23 17	0 29	12 26	1 58	11 3	0 39	22 14	1 19	20 40	0 1	3 0	2 5	35 4	13 40	4 34	4 6	5 36		n.a.
T 8	20 12	16 46	5 2	21 7	1 37	23 23	0 26	12 41	1 58	11 5	0 39	22 13	1 19	20 41	0 1	3 0	2 5	35 4	13 40	4 35	4 7	5 34		n.a.
W 9	19 59	18 19	5 9	21 26	1 18	23 28	0 22	12 55	1 58	11 7	0 38	22 11	1 19	20 41	0 1	3 0	2 6	35 4	13 40	4 38	4 9	5 33		n.a.
T 10	19 45	18 50	4 58	21 43	1 0	23 32	0 19	13 10	1 59	11 10	0 38	22 10	1 19	20 42	0 1	3 0	2 6	35 5	13 40	4 41	4 10	5 31		n.a.
F 11	19 31	18 11	4 29	21 59	0 42	23 36	0 16	13 24	1 59	11 12	0 38	22 8	1 19	20 42	0 1	3 0	2 6	35 5	13 40	4 43	4 11	5 29		n.a.
S 12	19 17	16 18	3 41	22 12	0 24	23 38	0 13	13 39	1 59	11 14	0 38	22 7	1 19	20 43	0 1	2 59	2 6	35 5	13 40	4 46	4 12	5 27		n.a.
S 13	19 2	13 19	2 37	22 24	0 8	23 41	0 9	13 53	2 0	11 17	0 37	22 5	1 19	20 43	0 1	2 59	2 6	35 5	13 40	4 48	4 14	5 25		n.a.
M14	18 47	9 26	1 23	22 33	0n 8	23 42	0 6	14 7	2 0	11 19	0 37	22 4	1 19	20 44	0 1	2 59	2 6	35 6	13 40	4 49	4 15	5 24		n.a.
T 15	18 32	4 59	0 3	22 39	0 22	23 43	0 3	14 22	2 0	11 21	0 37	22 2	1 19	20 44	0 1	2 59	2 6	35 6	13 40	4 49	4 16	5 22		n.a.
W16	18 16	0 17	1s17	22 44	0 36	23 43	0n 0	14 36	2 0	11 24	0 37	22 1	1 19	20 44	0 1	2 58	2 6	35 6	13 40	4 49	4 18	5 20		n.a.
T 17	18 0	4n20	2 30	22 45	0 48	23 42	0 3	14 50	2 0	11 27	0 36	22 0	1 20	20 45	0 1	2 58	2 6	35 6	13 40	4 48	4 19	5 18		n.a.
F 18	17 44	8 37	3 32	22 43	1 0	23 41	0 6	15 4	2 1	11 29	0 36	21 58	1 20	20 45	0 1	2 58	2 6	35 6	13 40	4 48	4 20	5 16		n.a.
S 19	17 27	12 19	4 21	22 39	1 10	23 39	0 9	15 18	2 1	11 32	0 36	21 57	1 20	20 45	0 1	2 57	2 6	35 6	13 40	4 48	4 21	5 15		n.a.
S 20	17 10	15 17	4 53	22 32	1 19	23 36	0 12	15 32	2 1	11 35	0 36	21 55	1 20	20 46	0 1	2 57	2 6	35 7	13 40	4 48	4 23	5 13		n.a.
M21	16 53	17 23	5 10	22 22	1 26	23 33	0 15	15 46	2 1	11 37	0 36	21 54	1 20	20 46	0 1	2 57	2 6	35 7	13 40	4 49	4 24	5 11		n.a.
T 22	16 35	18 33	5 11	22 9	1 33	23 29	0 18	16 0	2 1	11 40	0 35	21 52	1 20	20 47	0 1	2 56	2 6	35 7	13 40	4 51	4 25	5 9		n.a.
W23	16 18	18 46	4 56	21 54	1 39	23 24	0 21	16 14	2 1	11 43	0 35	21 51	1 20	20 47	0 1	2 56	2 6	35 7	13 40	4 53	4 26	5 7		n.a.
T 24	15 59	18 3	4 27	21 36	1 44	23 18	0 24	16 28	2 1	11 46	0 35	21 49	1 20	20 47	0 1	2 56	2 6	35 7	13 40	4 55	4 28	5 5		n.a.
F 25	15 41	16 31	3 47	21 15	1 47	23 12	0 27	16 41	2 2	11 49	0 35	21 48	1 20	20 47	0 1	2 55	2 7	35 7	13 39	4 57	4 29	5 4		n.a.
S 26	15 22	14 15	2 56	20 52	1 50	23 5	0 30	16 55	2 2	11 52	0 35	21 46	1 20	20 48	0 1	2 55	2 7	35 7	13 39	4 59	4 30	5 2		n.a.
S 27	15 3	11 24	1 58	20 28	1 52	22 57	0 33	17 8	2 2	11 55	0 34	21 45	1 21	20 48	0 1	2 55	2 7	35 8	13 39	5 0	4 31	5 0		n.a.
M28	14 44	8 6	0 56	20 1	1 54	22 49	0 35	17 21	2 2	11 58	0 34	21 43	1 21	20 48	0 1	2 54	2 7	35 8	13 39	5 1	4 33	4 58		n.a.
T 29	14 25	4 30	0n 9	19 32	1 54	22 40	0 38	17 35	2 2	12 1	0 34	21 42	1 21	20 49	0 1	2 54	2 7	35 8	13 39	5 1	4 34	4 56		n.a.
W30	14 5	0 45	1 13	19 1	1 54	22 30	0 41	17 48	2 2	12 4	0 34	21 41	1 21	20 49	0 1	2 53	2 7	35 8	13 39	5 1	4 35	4 55		n.a.
T 31	13n45	3s 3	2n15	18n29	1n53	22n20	0n43	18s 1	2s 2	12s 7	0n34	21n39	1n21	20n49	0n 1	2n53	2s 7	35s 8	13s39	5n 0	4n37	4n53		n.a.

Julian Day Number = 1206632.5, Delta T = 09h17m08s
Ecliptic obliquity = 23°51'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'24, Lahiri = -23°24'24 Julian Calendar 1 Aug. 1410 BCE == Greg. Calendar 19 July 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

SEPTEMBER 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 48 5	24♌59'43	24♎36	16♌32	25♋34	13♏56	2♏55	0♌54	1♊25	11°R59	23°R45	17♍34	18♍29	17♍48	n.a.	F 1
S 2	21 52 1	25°59'17	6♏38	18°18	26°48	14°38	3° 3	1° 1	1°26	11♈57	23♉44	17°36	18°26	17°54	n.a.	S 2
S 3	21 55 58	26°58'54	18°55	20° 4	28° 2	15°20	3°12	1° 8	1°27	11°56	23°43	17°37	18°23	18° 1	n.a.	S 3
M 4	21 59 54	27°58'32	1♐30	21°50	29°15	16° 2	3°22	1°14	1°27	11°55	23°42	17°R37	18°20	18° 7	n.a.	M 4
T 5	22 3 51	28°58'12	14°28	23°35	0♌29	16°45	3°31	1°21	1°28	11°54	23°41	17°36	18°17	18°14	n.a.	T 5
W 6	22 7 47	29°57'53	27°53	25°19	1°43	17°27	3°40	1°28	1°29	11°53	23°40	17°35	18°13	18°21	n.a.	W 6
T 7	22 11 44	0♍57'37	11♑45	27° 3	2°57	18°10	3°50	1°35	1°30	11°52	23°39	17°33	18°10	18°27	n.a.	T 7
F 8	22 15 41	1°57'23	26° 5	28°47	4°11	18°53	3°59	1°42	1°31	11°51	23°39	17°31	18° 7	18°34	n.a.	F 8
S 9	22 19 37	2°57'10	10♒49	0♍30	5°25	19°35	4° 9	1°48	1°31	11°49	23°38	17°29	18° 4	18°41	n.a.	S 9
S 10	22 23 34	3°57'00	25°51	2°12	6°39	20°18	4°19	1°55	1°32	11°48	23°37	17°28	18° 1	18°47	n.a.	S 10
M11	22 27 30	4°56'52	11♓ 2	3°54	7°53	21° 1	4°29	2° 2	1°32	11°47	23°36	17°D27	17°58	18°54	n.a.	M11
T 12	22 31 27	5°56'45	26°13	5°35	9° 8	21°44	4°39	2° 8	1°33	11°46	23°35	17°27	17°54	19° 1	n.a.	T 12
W13	22 35 23	6°56'41	11♈14	7°16	10°22	22°27	4°49	2°15	1°33	11°44	23°34	17°28	17°51	19° 7	n.a.	W13
T 14	22 39 20	7°56'39	25°58	8°56	11°36	23°10	4°59	2°21	1°34	11°43	23°33	17°28	17°48	19°14	n.a.	T 14
F 15	22 43 16	8°56'40	10♉20	10°35	12°51	23°54	5° 9	2°28	1°34	11°42	23°32	17°29	17°45	19°21	n.a.	F 15
S 16	22 47 13	9°56'43	24°17	12°14	14° 5	24°37	5°20	2°34	1°34	11°40	23°32	17°30	17°42	19°27	n.a.	S 16
S 17	22 51 9	10°56'48	7♊48	13°52	15°20	25°20	5°30	2°41	1°34	11°39	23°31	17°R30	17°38	19°34	n.a.	S 17
M18	22 55 6	11°56'55	20°56	15°30	16°34	26° 4	5°41	2°47	1°35	11°37	23°30	17°30	17°35	19°40	n.a.	M18
T 19	22 59 3	12°57'05	3♋43	17° 7	17°49	26°47	5°52	2°53	1°35	11°36	23°29	17°30	17°32	19°47	n.a.	T 19
W20	23 2 59	13°57'17	16°13	18°44	19° 3	27°31	6° 2	3° 0	1°R35	11°34	23°28	17°29	17°29	19°54	n.a.	W20
T 21	23 6 56	14°57'32	28°28	20°20	20°18	28°15	6°13	3° 6	1°35	11°33	23°28	17°29	17°26	20° 0	n.a.	T 21
F 22	23 10 52	15°57'48	10♌32	21°56	21°33	28°58	6°24	3°12	1°35	11°32	23°27	17°29	17°23	20° 7	n.a.	F 22
S 23	23 14 49	16°58'06	22°28	23°31	22°48	29°42	6°36	3°18	1°34	11°30	23°26	17°28	17°19	20°14	n.a.	S 23
S 24	23 18 45	17°58'27	4♍19	25° 6	24° 3	0♐26	6°47	3°24	1°34	11°28	23°26	17°D28	17°16	20°20	n.a.	S 24
M25	23 22 42	18°58'49	16° 6	26°41	25°17	1°10	6°58	3°30	1°34	11°27	23°25	17°R29	17°13	20°27	n.a.	M25
T 26	23 26 38	19°59'14	27°53	28°15	26°32	1°54	7° 9	3°36	1°34	11°25	23°25	17°28	17°10	20°34	n.a.	T 26
W27	23 30 35	20°59'40	9♎42	29°48	27°47	2°38	7°21	3°42	1°33	11°24	23°24	17°28	17° 7	20°40	n.a.	W27
T 28	23 34 32	22° 0'08	21°34	1♎21	29° 2	3°22	7°32	3°47	1°33	11°22	23°23	17°28	17° 4	20°47	n.a.	T 28
F 29	23 38 28	23° 0'37	3♏32	2°54	0♍17	4° 6	7°44	3°53	1°33	11°21	23°23	17°27	17° 0	20°54	n.a.	F 29
S 30	23 42 25	24♍ 1'08	15♏39	4♎27	1♍32	4♐51	7♏56	3♌59	1♊32	11♈19	23♉22	17♍26	16♍57	21♍ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n25	6s44	3n11	17n55	1n52	22n 9	0n46	18s14	2s 2	12s10	0n33	21n38	1n21	20n49	0n 1	2n52	2s 7	35s 8	13s39	5n 0	4n38	4n51		n.a.
S 2	13 5	10 12	3 59	17 21	1 50	21 57	0 48	18 27	2 2	12 14	0 33	21 36	1 21	20 50	0 1	2 52	2 7	35 8	13 38	4 59	4 39	4 49		n.a.
S 3	12 44	13 18	4 38	16 44	1 47	21 45	0 51	18 39	2 2	12 17	0 33	21 35	1 21	20 50	0 1	2 51	2 7	35 8	13 38	4 59	4 40	4 47		n.a.
M 4	12 23	15 51	5 4	16 7	1 44	21 32	0 53	18 52	2 2	12 20	0 33	21 33	1 22	20 50	0 1	2 51	2 7	35 8	13 38	4 58	4 42	4 45		n.a.
T 5	12 2	17 42	5 16	15 29	1 41	21 18	0 55	19 4	2 1	12 24	0 33	21 32	1 22	20 50	0 1	2 50	2 7	35 8	13 38	4 59	4 43	4 44		n.a.
W 6	11 41	18 39	5 12	14 50	1 37	21 3	0 57	19 16	2 1	12 27	0 32	21 31	1 22	20 50	0 1	2 50	2 7	35 8	13 38	4 59	4 44	4 42		n.a.
T 7	11 19	18 32	4 49	14 10	1 33	20 48	1 0	19 29	2 1	12 31	0 32	21 29	1 22	20 50	0 1	2 49	2 7	35 8	13 38	5 0	4 45	4 40		n.a.
F 8	10 58	17 15	4 8	13 29	1 29	20 33	1 2	19 41	2 1	12 34	0 32	21 28	1 22	20 51	0 1	2 49	2 7	35 8	13 37	5 1	4 47	4 38		n.a.
S 9	10 36	14 47	3 10	12 48	1 24	20 16	1 4	19 52	2 1	12 38	0 32	21 26	1 22	20 51	0 1	2 48	2 7	35 8	13 37	5 2	4 48	4 36		n.a.
S 10	10 14	11 17	1 57	12 6	1 19	20 0	1 6	20 4	2 1	12 41	0 32	21 25	1 22	20 51	0 1	2 48	2 7	35 8	13 37	5 2	4 49	4 34		n.a.
M11	9 52	7 0	0 36	11 24	1 14	19 42	1 8	20 16	2 1	12 45	0 31	21 24	1 22	20 51	0 1	2 47	2 7	35 8	13 37	5 3	4 50	4 33		n.a.
T 12	9 29	2 16	0s49	10 41	1 9	19 24	1 9	20 27	2 1	12 48	0 31	21 22	1 23	20 51	0 1	2 47	2 7	35 8	13 37	5 3	4 52	4 31		n.a.
W13	9 7	2n33	2 8	9 58	1 3	19 5	1 11	20 38	2 0	12 52	0 31	21 21	1 23	20 51	0 1	2 46	2 7	35 8	13 37	5 2	4 53	4 29		n.a.
T 14	8 44	7 8	3 18	9 15	0 57	18 46	1 13	20 50	2 0	12 56	0 31	21 19	1 23	20 51	0 1	2 46	2 8	35 8	13 36	5 2	4 54	4 27		n.a.
F 15	8 21	11 10	4 14	8 31	0 52	18 27	1 15	21 0	2 0	12 59	0 31	21 18	1 23	20 51	0 1	2 45	2 8	35 8	13 36	5 2	4 55	4 25		n.a.
S 16	7 58	14 27	4 52	7 47	0 46	18 6	1 16	21 11	2 0	13 3	0 30	21 17	1 23	20 51	0 1	2 44	2 8	35 8	13 36	5 1	4 57	4 23		n.a.
S 17	7 35	16 50	5 14	7 3	0 39	17 45	1 18	21 22	1 59	13 7	0 30	21 15	1 23	20 52	0 1	2 44	2 8	35 8	13 36	5 1	4 58	4 22		n.a.
M18	7 12	18 16	5 18	6 19	0 33	17 24	1 19	21 32	1 59	13 10	0 30	21 14	1 24	20 52	0 1	2 43	2 8	35 8	13 35	5 1	4 59	4 20		n.a.
T 19	6 49	18 43	5 5	5 35	0 27	17 2	1 21	21 42	1 59	13 14	0 30	21 13	1 24	20 52	0 1	2 43	2 8	35 8	13 35	5 1	5 0	4 18		n.a.
W20	6 25	18 14	4 39	4 51	0 20	16 40	1 22	21 52	1 59	13 18	0 30	21 11	1 24	20 52	0 1	2 42	2 8	35 8	13 35	5 2	5 2	4 16		n.a.
T 21	6 2	16 54	4 0	4 6	0 14	16 17	1 23	22 2	1 58	13 22	0 30	21 10	1 24	20 52	0 1	2 41	2 8	35 8	13 35	5 2	5 3	4 14		n.a.
F 22	5 38	14 50	3 12	3 22	0 7	15 54	1 24	22 12	1 58	13 26	0 29	21 9	1 24	20 52	0 1	2 41	2 8	35 8	13 35	5 2	5 4	4 12		n.a.
S 23	5 14	12 9	2 15	2 38	0 1	15 30	1 25	22 21	1 58	13 30	0 29	21 8	1 24	20 52	0 1	2 40	2 8	35 7	13 34	5 2	5 6	4 11		n.a.
S 24	4 50	8 58	1 13	1 53	0s 6	15 6	1 26	22 31	1 58	13 33	0 29	21 6	1 25	20 52	0 1	2 40	2 8	35 7	13 34	5 2	5 7	4 9		n.a.
M25	4 26	5 27	0 8	1 9	0 12	14 41	1 27	22 40	1 57	13 37	0 29	21 5	1 25	20 52	0 1	2 39	2 8	35 7	13 34	5 2	5 8	4 7		n.a.
T 26	4 2	1 44	0n58	0 25	0 19	14 16	1 28	22 49	1 57	13 41	0 29	21 4	1 25	20 51	0 1	2 38	2 8	35 7	13 34	5 2	5 9	4 5		n.a.
W27	3 38	2s 4	2 1	0s19	0 25	13 50	1 29	22 57	1 57	13 45	0 29	21 3	1 25	20 51	0 1	2 38	2 8	35 7	13 33	5 2	5 11	4 3		n.a.
T 28	3 14	5 48	2 59	1 2	0 32	13 25	1 30	23 6	1 56	13 49	0 28	21 1	1 25	20 51	0 1	2 37	2 8	35 7	13 33	5 2	5 12	4 1		n.a.
F 29	2 49	9 19	3 49	1 46	0 39	12 58	1 30	23 14	1 56	13 53	0 28	21 0	1 25	20 51	0 1	2 36	2 8	35 7	13 33	5 3	5 13	3 59		n.a.
S 30	2n25	12s30	4n30	2s29	0s45	12n32	1n31	23s22	1s55	13s57	0n28	20n59	1n26	20n51	0n 1	2n36	2s 8	35s 7	13s33	5n 3	5n14	3n58		n.a.

Julian Day Number = 1206663.5, Delta T = 09h17m06s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'20, Lahiri = -23°24'19 Julian Calendar 1 Sept. 1410 BCE == Greg. Calendar 19 Aug. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

OCTOBER 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 46 21	25♍ 1'41	27♏59	5♎59	2♍47	5♐35	8♏ 8	4♌ 4	1°R32	11°R17	23°R22	17°R25	16♍54	21♍ 7	n.a.	S 1
M 2	23 50 18	26° 2'15	10♐33	7°31	4° 2	6°19	8°20	4°10	1♊31	11♈16	23♑21	17♍25	16°51	21°14	n.a.	M 2
T 3	23 54 14	27° 2'51	23°27	9° 2	5°18	7° 4	8°32	4°15	1°30	11°14	23°21	17°D24	16°48	21°20	n.a.	T 3
W 4	23 58 11	28° 3'28	6♑42	10°33	6°33	7°48	8°44	4°20	1°30	11°13	23°21	17°24	16°44	21°27	n.a.	W 4
T 5	0 2 7	29° 4'07	20°22	12° 4	7°48	8°32	8°56	4°26	1°29	11°11	23°20	17°25	16°41	21°33	n.a.	T 5
F 6	0 6 4	0♎ 4'47	4♒28	13°34	9° 3	9°17	9° 8	4°31	1°28	11° 9	23°20	17°26	16°38	21°40	n.a.	F 6
S 7	0 10 0	1° 5'28	18°58	15° 4	10°18	10° 1	9°20	4°36	1°27	11° 8	23°19	17°27	16°35	21°47	n.a.	S 7
S 8	0 13 57	2° 6'11	3♓50	16°34	11°34	10°46	9°32	4°41	1°26	11° 6	23°19	17°28	16°32	21°53	n.a.	S 8
M 9	0 17 54	3° 6'54	18°57	18° 3	12°49	11°31	9°45	4°46	1°25	11° 4	23°19	17°R28	16°29	22° 0	n.a.	M 9
T 10	0 21 50	4° 7'40	4♈10	19°32	14° 4	12°15	9°57	4°51	1°24	11° 2	23°18	17°28	16°25	22° 7	n.a.	T 10
W11	0 25 47	5° 8'26	19°20	21° 0	15°19	13° 0	10°10	4°56	1°23	11° 1	23°18	17°26	16°22	22°13	n.a.	W11
T 12	0 29 43	6° 9'15	4♉18	22°28	16°35	13°45	10°22	5° 1	1°22	10°59	23°18	17°24	16°19	22°20	n.a.	T 12
F 13	0 33 40	7°10'05	18°54	23°55	17°50	14°29	10°35	5° 6	1°21	10°57	23°18	17°21	16°16	22°27	n.a.	F 13
S 14	0 37 36	8°10'56	3♊ 5	25°22	19° 5	15°14	10°48	5°10	1°20	10°56	23°18	17°19	16°13	22°33	n.a.	S 14
S 15	0 41 33	9°11'50	16°47	26°48	20°21	15°59	11° 0	5°15	1°18	10°54	23°17	17°16	16° 9	22°40	n.a.	S 15
M16	0 45 29	10°12'45	0♋ 2	28°13	21°36	16°44	11°13	5°19	1°17	10°52	23°17	17°15	16° 6	22°47	n.a.	M16
T 17	0 49 26	11°13'41	12°51	29°38	22°52	17°29	11°26	5°24	1°16	10°51	23°17	17°D14	16° 3	22°53	n.a.	T 17
W18	0 53 23	12°14'39	25°18	1♏ 2	24° 7	18°13	11°39	5°28	1°14	10°49	23°17	17°15	16° 0	23° 0	n.a.	W18
T 19	0 57 19	13°15'39	7♌28	2°24	25°23	18°58	11°52	5°32	1°13	10°47	23°17	17°17	15°57	23° 6	n.a.	T 19
F 20	1 1 16	14°16'40	19°26	3°45	26°38	19°43	12° 5	5°36	1°11	10°45	23°17	17°18	15°54	23°13	n.a.	F 20
S 21	1 5 12	15°17'42	1♍17	5° 5	27°54	20°28	12°18	5°40	1°10	10°44	23°D17	17°20	15°50	23°20	n.a.	S 21
S 22	1 9 9	16°18'46	13° 3	6°24	29° 9	21°13	12°31	5°44	1° 8	10°42	23°17	17°R21	15°47	23°26	n.a.	S 22
M23	1 13 5	17°19'51	24°50	7°40	0♎25	21°58	12°44	5°48	1° 6	10°40	23°17	17°21	15°44	23°33	n.a.	M23
T 24	1 17 2	18°20'57	6♎39	8°55	1°40	22°43	12°58	5°52	1° 5	10°39	23°17	17°19	15°41	23°40	n.a.	T 24
W25	1 20 58	19°22'04	18°33	10° 7	2°56	23°28	13°11	5°56	1° 3	10°37	23°17	17°16	15°38	23°46	n.a.	W25
T 26	1 24 55	20°23'12	0♏35	11°16	4°11	24°13	13°24	5°59	1° 1	10°35	23°17	17°11	15°35	23°53	n.a.	T 26
F 27	1 28 52	21°24'21	12°44	12°22	5°27	24°58	13°38	6° 3	1° 0	10°34	23°18	17° 5	15°31	24° 0	n.a.	F 27
S 28	1 32 48	22°25'31	25° 4	13°24	6°43	25°43	13°51	6° 6	0°58	10°32	23°18	16°58	15°28	24° 6	n.a.	S 28
S 29	1 36 45	23°26'41	7♐34	14°22	7°58	26°29	14° 4	6° 9	0°56	10°30	23°18	16°51	15°25	24°13	n.a.	S 29
M30	1 40 41	24°27'53	20°17	15°15	9°14	27°14	14°18	6°13	0°54	10°29	23°18	16°46	15°22	24°20	n.a.	M30
T 31	1 44 38	25♎29'05	3♑14	16♏ 3	10♎29	27♐59	14♏31	6♌16	0♊52	10♈27	23♑18	16♍42	15♍19	24♍26	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2n 1	15s11	5n 0	3s12	0s51	12n 5	1n32	23s30	1s55	14s 1	0n28	20n58	1n26	20n51	0n 1	2n35	2s 8	35s 6	13s32	5n 3	5n16	3n56		n.a.
M 2	1 36	17 13	5 15	3 55	0 58	11 37	1 32	23 37	1 55	14 5	0 28	20 57	1 26	20 51	0 1	2 34	2 8	35 6	13 32	5 3	5 17	3 54		n.a.
T 3	1 12	18 26	5 16	4 37	1 4	11 10	1 32	23 45	1 54	14 9	0 28	20 55	1 26	20 51	0 2	2 34	2 8	35 6	13 32	5 4	5 18	3 52		n.a.
W 4	0 47	18 42	5 0	5 19	1 10	10 42	1 33	23 52	1 54	14 13	0 27	20 54	1 26	20 51	0 2	2 33	2 8	35 6	13 32	5 4	5 19	3 50		n.a.
T 5	0 23	17 53	4 27	6 1	1 16	10 13	1 33	23 59	1 53	14 18	0 27	20 53	1 26	20 51	0 2	2 32	2 8	35 6	13 31	5 3	5 21	3 48		n.a.
F 6	0s 2	15 58	3 37	6 42	1 22	9 45	1 33	24 5	1 53	14 22	0 27	20 52	1 27	20 50	0 2	2 32	2 8	35 6	13 31	5 3	5 22	3 46		n.a.
S 7	0 26	13 0	2 32	7 23	1 28	9 16	1 33	24 12	1 52	14 26	0 27	20 51	1 27	20 50	0 2	2 31	2 8	35 5	13 31	5 3	5 23	3 45		n.a.
S 8	0 51	9 7	1 15	8 3	1 34	8 47	1 33	24 18	1 52	14 30	0 27	20 50	1 27	20 50	0 2	2 30	2 8	35 5	13 31	5 2	5 24	3 43		n.a.
M 9	1 16	4 34	0s 8	8 43	1 39	8 18	1 33	24 24	1 52	14 34	0 27	20 49	1 27	20 50	0 2	2 30	2 8	35 5	13 30	5 2	5 26	3 41		n.a.
T 10	1 40	0n18	1 31	9 22	1 44	7 48	1 33	24 30	1 51	14 38	0 27	20 48	1 27	20 50	0 2	2 29	2 8	35 5	13 30	5 2	5 27	3 39		n.a.
W11	2 5	5 7	2 48	10 1	1 49	7 18	1 33	24 35	1 51	14 42	0 26	20 47	1 28	20 49	0 2	2 28	2 8	35 4	13 30	5 3	5 28	3 37		n.a.
T 12	2 29	9 33	3 51	10 39	1 54	6 48	1 32	24 40	1 50	14 46	0 26	20 46	1 28	20 49	0 2	2 28	2 8	35 4	13 29	5 4	5 29	3 35		n.a.
F 13	2 54	13 18	4 38	11 17	1 59	6 18	1 32	24 45	1 50	14 51	0 26	20 45	1 28	20 49	0 2	2 27	2 8	35 4	13 29	5 5	5 31	3 33		n.a.
S 14	3 18	16 8	5 6	11 53	2 3	5 47	1 32	24 50	1 49	14 55	0 26	20 44	1 28	20 49	0 2	2 26	2 8	35 4	13 29	5 6	5 32	3 32		n.a.
S 15	3 42	17 57	5 16	12 29	2 7	5 17	1 31	24 54	1 49	14 59	0 26	20 43	1 28	20 48	0 2	2 26	2 8	35 4	13 29	5 7	5 33	3 30		n.a.
M16	4 7	18 43	5 8	13 4	2 11	4 46	1 31	24 59	1 48	15 3	0 26	20 42	1 29	20 48	0 2	2 25	2 8	35 3	13 28	5 7	5 34	3 28		n.a.
T 17	4 31	18 30	4 45	13 38	2 15	4 15	1 30	25 2	1 48	15 7	0 26	20 41	1 29	20 48	0 2	2 24	2 8	35 3	13 28	5 8	5 36	3 26		n.a.
W18	4 55	17 22	4 9	14 11	2 18	3 44	1 29	25 6	1 47	15 11	0 25	20 40	1 29	20 48	0 2	2 24	2 8	35 3	13 28	5 7	5 37	3 24		n.a.
T 19	5 19	15 28	3 22	14 43	2 20	3 13	1 29	25 10	1 46	15 16	0 25	20 39	1 29	20 47	0 2	2 23	2 8	35 2	13 27	5 7	5 38	3 22		n.a.
F 20	5 43	12 55	2 28	15 13	2 23	2 42	1 28	25 13	1 46	15 20	0 25	20 39	1 30	20 47	0 2	2 22	2 8	35 2	13 27	5 6	5 39	3 20		n.a.
S 21	6 7	9 51	1 27	15 43	2 24	2 11	1 27	25 16	1 45	15 24	0 25	20 38	1 30	20 47	0 2	2 22	2 8	35 2	13 27	5 5	5 41	3 19		n.a.
S 22	6 31	6 24	0 24	16 10	2 26	1 39	1 26	25 18	1 45	15 28	0 25	20 37	1 30	20 46	0 2	2 21	2 8	35 2	13 27	5 5	5 42	3 17		n.a.
M23	6 55	2 43	0n41	16 37	2 26	1 8	1 25	25 21	1 44	15 32	0 25	20 36	1 30	20 46	0 2	2 20	2 8	35 1	13 26	5 5	5 43	3 15		n.a.
T 24	7 19	1s 6	1 44	17 2	2 27	0 36	1 24	25 23	1 44	15 37	0 25	20 36	1 30	20 46	0 2	2 20	2 8	35 1	13 26	5 6	5 44	3 13		n.a.
W25	7 43	4 54	2 43	17 25	2 26	0 5	1 23	25 25	1 43	15 41	0 24	20 35	1 31	20 45	0 2	2 19	2 8	35 1	13 26	5 7	5 46	3 11		n.a.
T 26	8 6	8 32	3 35	17 46	2 25	0s27	1 22	25 26	1 42	15 45	0 24	20 34	1 31	20 45	0 2	2 18	2 8	35 0	13 25	5 9	5 47	3 9		n.a.
F 27	8 29	11 51	4 17	18 4	2 23	0 59	1 20	25 27	1 42	15 49	0 24	20 33	1 31	20 45	0 2	2 18	2 8	35 0	13 25	5 11	5 48	3 7		n.a.
S 28	8 53	14 42	4 49	18 21	2 20	1 30	1 19	25 28	1 41	15 53	0 24	20 33	1 31	20 44	0 2	2 17	2 8	35 0	13 25	5 14	5 49	3 5		n.a.
S 29	9 16	16 54	5 7	18 35	2 16	2 2	1 18	25 29	1 41	15 58	0 24	20 32	1 32	20 44	0 2	2 16	2 8	34 59	13 24	5 17	5 51	3 4		n.a.
M30	9 39	18 20	5 10	18 47	2 11	2 33	1 16	25 30	1 40	16 2	0 24	20 32	1 32	20 44	0 2	2 16	2 8	34 59	13 24	5 19	5 52	3 2		n.a.
T 31	10s 1	18s51	4n58	18s55	2s 5	3s 5	1n15	25s30	1s39	16s 6	0n24	20n31	1n32	20n43	0n 2	2n15	2s 8	34s59	13s24	5n20	5n53	3n 0		n.a.

Julian Day Number = 1206693.5, Delta T = 09h17m04s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'16, Lahiri = -23°24'15 Julian Calendar 1 Oct. 1410 BCE == Greg. Calendar 18 Sept. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

NOVEMBER 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 48 34	26♎30'17	16♑28	16♏44	11♎45	28♐44	14♏45	6♌19	0°R50	10°R25	23♑19	16°R39	15♍15	24♍33	n.a.	W 1
T 2	1 52 31	27°31'30	29°59	17°18	13° 0	29°29	14°59	6°22	0♊48	10♈24	23°19	16°D39	15°12	24°40	n.a.	T 2
F 3	1 56 27	28°32'43	13♒50	17°44	14°16	0♑14	15°12	6°25	0°46	10°22	23°19	16♍40	15° 9	24°46	n.a.	F 3
S 4	2 0 24	29°33'57	28° 1	18° 1	15°32	0°59	15°26	6°27	0°44	10°21	23°20	16°41	15° 6	24°53	n.a.	S 4
S 5	2 4 21	0♏35'11	12♓31	18°R 9	16°47	1°44	15°39	6°30	0°42	10°19	23°20	16°R42	15° 3	24°59	n.a.	S 5
M 6	2 8 17	1°36'25	27°18	18° 5	18° 3	2°30	15°53	6°33	0°39	10°17	23°21	16°42	15° 0	25° 6	n.a.	M 6
T 7	2 12 14	2°37'39	12♈15	17°51	19°18	3°15	16° 7	6°35	0°37	10°16	23°21	16°39	14°56	25°13	n.a.	T 7
W 8	2 16 10	3°38'54	27°14	17°25	20°34	4° 0	16°21	6°37	0°35	10°14	23°21	16°35	14°53	25°19	n.a.	W 8
T 9	2 20 7	4°40'09	12♉ 8	16°48	21°49	4°45	16°34	6°40	0°33	10°13	23°22	16°28	14°50	25°26	n.a.	T 9
F 10	2 24 3	5°41'25	26°47	15°59	23° 5	5°30	16°48	6°42	0°31	10°11	23°22	16°20	14°47	25°33	n.a.	F 10
S 11	2 28 0	6°42'41	11♊ 4	14°59	24°21	6°15	17° 2	6°44	0°28	10°10	23°23	16°11	14°44	25°39	n.a.	S 11
S 12	2 31 57	7°43'58	24°54	13°51	25°36	7° 0	17°16	6°46	0°26	10° 8	23°23	16° 3	14°41	25°46	n.a.	S 12
M13	2 35 53	8°45'15	8♋16	12°36	26°52	7°45	17°30	6°47	0°24	10° 7	23°24	15°57	14°37	25°53	n.a.	M13
T 14	2 39 50	9°46'33	21°11	11°15	28° 7	8°30	17°43	6°49	0°21	10° 5	23°25	15°53	14°34	25°59	n.a.	T 14
W15	2 43 46	10°47'52	3♌43	9°53	29°23	9°16	17°57	6°51	0°19	10° 4	23°25	15°51	14°31	26° 6	n.a.	W15
T 16	2 47 43	11°49'10	15°54	8°32	0♏38	10° 1	18°11	6°52	0°16	10° 3	23°26	15°D51	14°28	26°13	n.a.	T 16
F 17	2 51 39	12°50'29	27°52	7°14	1°54	10°46	18°25	6°54	0°14	10° 1	23°27	15°52	14°25	26°19	n.a.	F 17
S 18	2 55 36	13°51'49	9♍41	6° 1	3°10	11°31	18°39	6°55	0°11	10° 0	23°27	15°R53	14°21	26°26	n.a.	S 18
S 19	2 59 32	14°53'08	21°27	4°56	4°25	12°16	18°53	6°56	0° 9	9°59	23°28	15°53	14°18	26°33	n.a.	S 19
M20	3 3 29	15°54'28	3♎15	4° 1	5°41	13° 1	19° 7	6°57	0° 6	9°57	23°29	15°51	14°15	26°39	n.a.	M20
T 21	3 7 26	16°55'48	15° 8	3°15	6°56	13°46	19°21	6°58	0° 4	9°56	23°30	15°46	14°12	26°46	n.a.	T 21
W22	3 11 22	17°57'08	27° 9	2°40	8°12	14°31	19°35	6°59	0° 1	9°55	23°30	15°39	14° 9	26°52	n.a.	W22
T 23	3 15 19	18°58'28	9♏22	2°15	9°27	15°16	19°49	7° 0	29♉59	9°53	23°31	15°30	14° 6	26°59	n.a.	T 23
F 24	3 19 15	19°59'48	21°47	2° 0	10°43	16° 1	20° 3	7° 0	29°56	9°52	23°32	15°18	14° 2	27° 6	n.a.	F 24
S 25	3 23 12	21° 1'08	4♐24	1°D55	11°58	16°46	20°17	7° 1	29°54	9°51	23°33	15° 6	13°59	27°12	n.a.	S 25
S 26	3 27 8	22° 2'27	17°14	1°59	13°14	17°31	20°31	7° 1	29°51	9°50	23°34	14°53	13°56	27°19	n.a.	S 26
M27	3 31 5	23° 3'46	0♑15	2°11	14°29	18°16	20°44	7° 2	29°49	9°49	23°35	14°42	13°53	27°26	n.a.	M27
T 28	3 35 2	24° 5'05	13°28	2°31	15°45	19° 1	20°58	7° 2	29°46	9°47	23°36	14°33	13°50	27°32	n.a.	T 28
W29	3 38 58	25° 6'23	26°52	2°58	17° 0	19°46	21°12	7°R 2	29°43	9°46	23°37	14°27	13°46	27°39	n.a.	W29
T 30	3 42 55	26♏ 7'40	10♒27	3♏32	18♏16	20♑31	21♏26	7♌ 2	29♉41	9♈45	23♑38	14♍24	13♍43	27♍46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s24	18s21	4n30	19s 0	1s57	3s36	1n13	25s30	1s39	16s10	0n24	20n30	1n32	20n43	0n 2	2n14	2s 8	34s58	13s24	5n21	5n54	2n58		n.a.
T 2	10 46	16 49	3 47	19 2	1 49	4 7	1 12	25 30	1 38	16 14	0 23	20 30	1 32	20 42	0 2	2 14	2 8	34 58	13 23	5 22	5 56	2 56		n.a.
F 3	11 9	14 16	2 49	19 0	1 39	4 39	1 10	25 29	1 38	16 18	0 23	20 29	1 33	20 42	0 2	2 13	2 8	34 58	13 23	5 21	5 57	2 54		n.a.
S 4	11 31	10 49	1 40	18 54	1 28	5 10	1 8	25 28	1 37	16 23	0 23	20 29	1 33	20 41	0 2	2 13	2 8	34 57	13 23	5 21	5 58	2 52		n.a.
S 5	11 53	6 38	0 23	18 44	1 15	5 41	1 7	25 27	1 36	16 27	0 23	20 28	1 33	20 41	0 2	2 12	2 8	34 57	13 22	5 20	5 59	2 50		n.a.
M 6	12 14	1 58	0s57	18 29	1 0	6 12	1 5	25 26	1 36	16 31	0 23	20 28	1 33	20 41	0 2	2 11	2 8	34 57	13 22	5 20	6 1	2 48		n.a.
T 7	12 36	2n52	2 14	18 10	0 45	6 43	1 3	25 24	1 35	16 35	0 23	20 28	1 34	20 40	0 2	2 11	2 8	34 56	13 22	5 21	6 2	2 47		n.a.
W 8	12 57	7 33	3 21	17 46	0 27	7 13	1 1	25 22	1 34	16 39	0 23	20 27	1 34	20 40	0 2	2 10	2 8	34 56	13 22	5 23	6 3	2 45		n.a.
T 9	13 18	11 43	4 15	17 17	0 9	7 44	1 0	25 20	1 34	16 43	0 23	20 27	1 34	20 39	0 2	2 10	2 8	34 56	13 21	5 26	6 4	2 43		n.a.
F 10	13 39	15 5	4 50	16 44	0n11	8 14	0 58	25 17	1 33	16 47	0 22	20 27	1 34	20 39	0 2	2 9	2 8	34 55	13 21	5 29	6 6	2 41		n.a.
S 11	14 0	17 26	5 6	16 8	0 31	8 44	0 56	25 15	1 32	16 52	0 22	20 26	1 35	20 38	0 2	2 8	2 8	34 55	13 21	5 32	6 7	2 39		n.a.
S 12	14 20	18 42	5 4	15 28	0 51	9 14	0 54	25 12	1 32	16 56	0 22	20 26	1 35	20 38	0 2	2 8	2 8	34 54	13 20	5 36	6 8	2 37		n.a.
M13	14 40	18 52	4 45	14 45	1 11	9 44	0 52	25 8	1 31	17 0	0 22	20 26	1 35	20 37	0 2	2 7	2 8	34 54	13 20	5 38	6 9	2 35		n.a.
T 14	15 0	18 1	4 11	14 2	1 31	10 13	0 50	25 5	1 30	17 4	0 22	20 26	1 35	20 37	0 2	2 7	2 8	34 54	13 20	5 40	6 11	2 33		n.a.
W15	15 19	16 19	3 27	13 18	1 49	10 42	0 47	25 1	1 29	17 8	0 22	20 25	1 36	20 36	0 2	2 6	2 8	34 53	13 20	5 40	6 12	2 31		n.a.
T 16	15 39	13 54	2 34	12 36	2 6	11 11	0 45	24 57	1 29	17 12	0 22	20 25	1 36	20 36	0 2	2 6	2 7	34 53	13 19	5 41	6 13	2 30		n.a.
F 17	15 58	10 56	1 35	11 57	2 21	11 40	0 43	24 53	1 28	17 16	0 22	20 25	1 36	20 35	0 2	2 5	2 7	34 52	13 19	5 40	6 14	2 28		n.a.
S 18	16 17	7 34	0 33	11 21	2 34	12 8	0 41	24 48	1 27	17 20	0 22	20 25	1 36	20 35	0 2	2 5	2 7	34 52	13 19	5 40	6 16	2 26		n.a.
S 19	16 35	3 54	0n30	10 49	2 44	12 36	0 39	24 43	1 27	17 24	0 21	20 25	1 37	20 34	0 2	2 4	2 7	34 52	13 19	5 40	6 17	2 24		n.a.
M20	16 53	0 5	1 32	10 23	2 52	13 4	0 37	24 38	1 26	17 28	0 21	20 25	1 37	20 34	0 2	2 4	2 7	34 51	13 18	5 41	6 18	2 22		n.a.
T 21	17 11	3s46	2 30	10 1	2 58	13 32	0 34	24 33	1 25	17 32	0 21	20 25	1 37	20 33	0 2	2 3	2 7	34 51	13 18	5 42	6 19	2 20		n.a.
W22	17 29	7 30	3 22	9 45	3 2	13 59	0 32	24 27	1 24	17 36	0 21	20 25	1 37	20 33	0 2	2 3	2 7	34 50	13 18	5 45	6 21	2 18		n.a.
T 23	17 46	11 0	4 5	9 35	3 4	14 25	0 30	24 21	1 24	17 40	0 21	20 25	1 37	20 32	0 2	2 2	2 7	34 50	13 18	5 49	6 22	2 16		n.a.
F 24	18 3	14 3	4 38	9 30	3 5	14 52	0 27	24 15	1 23	17 44	0 21	20 25	1 38	20 32	0 2	2 2	2 7	34 50	13 17	5 53	6 23	2 14		n.a.
S 25	18 20	16 31	4 57	9 29	3 3	15 18	0 25	24 9	1 22	17 47	0 21	20 25	1 38	20 31	0 2	2 2	2 7	34 49	13 17	5 58	6 24	2 12		n.a.
S 26	18 36	18 13	5 2	9 33	3 1	15 43	0 23	24 2	1 22	17 51	0 21	20 25	1 38	20 30	0 2	2 1	2 7	34 49	13 17	6 3	6 26	2 11		n.a.
M27	18 52	19 0	4 52	9 40	2 57	16 8	0 20	23 55	1 21	17 55	0 21	20 25	1 38	20 30	0 2	2 1	2 7	34 48	13 16	6 8	6 27	2 9		n.a.
T 28	19 7	18 46	4 25	9 52	2 53	16 33	0 18	23 48	1 20	17 59	0 21	20 26	1 39	20 29	0 2	2 0	2 7	34 48	13 16	6 11	6 28	2 7		n.a.
W29	19 22	17 29	3 44	10 6	2 47	16 57	0 16	23 41	1 19	18 3	0 20	20 26	1 39	20 29	0 2	2 0	2 7	34 48	13 16	6 13	6 29	2 5		n.a.
T 30	19s37	15s12	2n50	10s23	2n41	17s21	0n13	23s33	1s19	18s 7	0n20	20n26	1n39	20n28	0n 2	2n 0	2s 7	34s47	13s16	6n15	6n31	2n 3		n.a.

Julian Day Number = 1206724.5, Delta T = 09h17m03s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'11, Lahiri = -23°24'11 Julian Calendar 1 Nov. 1410 BCE == Greg. Calendar 19 Oct. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1410 BCE
geocentric

DECEMBER 1410 BCE (-1409) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 46 51	27♏ 8'57	24♒13	4♏11	19♏31	21♑16	21♏40	7°R 2	29°R38	9°R44	23♑39	14°D23	13♍40	27♍52	n.a.	F 1
S 2	3 50 48	28°10'12	8♓12	4°55	20°47	22° 1	21°54	7♌ 2	29♉36	9♈43	23°40	14°R23	13°37	27°59	n.a.	S 2
S 3	3 54 44	29°11'27	22°23	5°43	22° 2	22°46	22° 8	7° 1	29°33	9°42	23°41	14♍23	13°34	28° 6	n.a.	S 3
M 4	3 58 41	0♐12'41	6♈46	6°36	23°17	23°30	22°22	7° 1	29°30	9°41	23°42	14°22	13°31	28°12	n.a.	M 4
T 5	4 2 37	1°13'54	21°17	7°33	24°33	24°15	22°36	7° 0	29°28	9°40	23°43	14°17	13°27	28°19	n.a.	T 5
W 6	4 6 34	2°15'06	5♉51	8°33	25°48	25° 0	22°50	7° 0	29°25	9°39	23°44	14°10	13°24	28°26	n.a.	W 6
T 7	4 10 31	3°16'17	20°24	9°35	27° 4	25°45	23° 4	6°59	29°23	9°39	23°45	14° 0	13°21	28°32	n.a.	T 7
F 8	4 14 27	4°17'28	4♊47	10°41	28°19	26°29	23°17	6°58	29°20	9°38	23°46	13°48	13°18	28°39	n.a.	F 8
S 9	4 18 24	5°18'38	18°54	11°48	29°34	27°14	23°31	6°57	29°17	9°37	23°47	13°36	13°15	28°46	n.a.	S 9
S 10	4 22 20	6°19'47	2♋40	12°58	0♗50	27°59	23°45	6°56	29°15	9°36	23°48	13°24	13°12	28°52	n.a.	S 10
M11	4 26 17	7°20'56	16° 2	14°10	2° 5	28°43	23°59	6°55	29°12	9°35	23°49	13°13	13° 8	28°59	n.a.	M11
T 12	4 30 13	8°22'03	29° 0	15°24	3°20	29°28	24°13	6°54	29°10	9°35	23°51	13° 6	13° 5	29° 6	n.a.	T 12
W13	4 34 10	9°23'10	11♌34	16°39	4°36	0♒13	24°26	6°52	29° 7	9°34	23°52	13° 1	13° 2	29°12	n.a.	W13
T 14	4 38 7	10°24'16	23°49	17°56	5°51	0°57	24°40	6°51	29° 5	9°33	23°53	12°58	12°59	29°19	n.a.	T 14
F 15	4 42 3	11°25'22	5♍49	19°14	7° 6	1°42	24°54	6°49	29° 2	9°33	23°54	12°58	12°56	29°25	n.a.	F 15
S 16	4 46 0	12°26'27	17°40	20°34	8°22	2°26	25° 8	6°47	29° 0	9°32	23°56	12°58	12°52	29°32	n.a.	S 16
S 17	4 49 56	13°27'30	29°27	21°55	9°37	3°11	25°21	6°46	28°57	9°32	23°57	12°57	12°49	29°39	n.a.	S 17
M18	4 53 53	14°28'33	11♎16	23°16	10°52	3°55	25°35	6°44	28°55	9°31	23°58	12°55	12°46	29°45	n.a.	M18
T 19	4 57 49	15°29'35	23°12	24°39	12° 7	4°40	25°48	6°42	28°52	9°30	24° 0	12°50	12°43	29°52	n.a.	T 19
W20	5 1 46	16°30'37	5♏19	26° 3	13°23	5°24	26° 2	6°40	28°50	9°30	24° 1	12°43	12°40	29°59	n.a.	W20
T 21	5 5 42	17°31'37	17°41	27°28	14°38	6° 8	26°15	6°37	28°47	9°30	24° 2	12°32	12°37	0♎ 5	n.a.	T 21
F 22	5 9 39	18°32'36	0♐19	28°54	15°53	6°53	26°29	6°35	28°45	9°29	24° 4	12°20	12°33	0°12	n.a.	F 22
S 23	5 13 36	19°33'34	13°14	0♐21	17° 8	7°37	26°42	6°33	28°42	9°29	24° 5	12° 6	12°30	0°19	n.a.	S 23
S 24	5 17 32	20°34'31	26°26	1°48	18°23	8°21	26°56	6°30	28°40	9°28	24° 6	11°53	12°27	0°25	n.a.	S 24
M25	5 21 29	21°35'26	9♑51	3°16	19°39	9° 6	27° 9	6°28	28°38	9°28	24° 8	11°40	12°24	0°32	n.a.	M25
T 26	5 25 25	22°36'20	23°28	4°46	20°54	9°50	27°22	6°25	28°35	9°28	24° 9	11°30	12°21	0°39	n.a.	T 26
W27	5 29 22	23°37'12	7♒15	6°16	22° 9	10°34	27°36	6°22	28°33	9°28	24°11	11°24	12°18	0°45	n.a.	W27
T 28	5 33 18	24°38'03	21° 7	7°46	23°24	11°18	27°49	6°19	28°31	9°28	24°12	11°20	12°14	0°52	n.a.	T 28
F 29	5 37 15	25°38'51	5♓ 5	9°18	24°39	12° 2	28° 2	6°16	28°28	9°27	24°14	11°19	12°11	0°59	n.a.	F 29
S 30	5 41 11	26°39'38	19° 6	10°50	25°54	12°46	28°15	6°13	28°26	9°27	24°15	11°18	12° 8	1° 5	n.a.	S 30
S 31	5 45 8	27♐40'23	3♈11	12♐24	27♐ 9	13♒31	28♏28	6♌10	28♉24	9♈27	24♑16	11♍18	12♍ 5	1♎12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s52	12s 2	1n45	10s43	2n35	17s45	0n11	23s25	1s18	18s10	0n20	20n26	1n39	20n28	0n 2	1n59	2s 7	34s47	13s16	6n15	6n32	2n 1		n.a.
S 2	20 6	8 8	0 33	11 4	2 28	18 7	0 9	23 17	1 17	18 14	0 20	20 27	1 40	20 27	0 2	1 59	2 7	34 46	13 15	6 15	6 33	1 59		n.a.
S 3	20 20	3 43	0s42	11 28	2 20	18 30	0 6	23 9	1 16	18 18	0 20	20 27	1 40	20 27	0 2	1 58	2 7	34 46	13 15	6 15	6 34	1 57		n.a.
M 4	20 33	0n58	1 56	11 53	2 12	18 52	0 4	23 1	1 16	18 22	0 20	20 27	1 40	20 26	0 2	1 58	2 7	34 45	13 15	6 16	6 36	1 55		n.a.
T 5	20 46	5 38	3 2	12 19	2 4	19 13	0 1	22 52	1 15	18 25	0 20	20 28	1 40	20 25	0 2	1 58	2 7	34 45	13 15	6 17	6 37	1 53		n.a.
W 6	20 58	9 59	3 57	12 46	1 56	19 34	0s 1	22 43	1 14	18 29	0 20	20 28	1 41	20 25	0 2	1 58	2 6	34 45	13 14	6 20	6 38	1 52		n.a.
T 7	21 11	13 44	4 36	13 14	1 48	19 54	0 3	22 34	1 13	18 33	0 20	20 29	1 41	20 24	0 2	1 57	2 6	34 44	13 14	6 24	6 39	1 50		n.a.
F 8	21 22	16 36	4 57	13 43	1 40	20 14	0 6	22 25	1 13	18 36	0 20	20 29	1 41	20 24	0 2	1 57	2 6	34 44	13 14	6 29	6 41	1 48		n.a.
S 9	21 34	18 25	5 0	14 12	1 31	20 33	0 8	22 15	1 12	18 40	0 19	20 30	1 41	20 23	0 2	1 57	2 6	34 43	13 14	6 34	6 42	1 46		n.a.
S 10	21 45	19 6	4 44	14 42	1 23	20 51	0 10	22 5	1 11	18 44	0 19	20 30	1 42	20 23	0 2	1 56	2 6	34 43	13 14	6 38	6 43	1 44		n.a.
M11	21 55	18 41	4 14	15 11	1 14	21 9	0 13	21 55	1 10	18 47	0 19	20 31	1 42	20 22	0 2	1 56	2 6	34 42	13 13	6 42	6 44	1 42		n.a.
T 12	22 5	17 17	3 30	15 41	1 6	21 26	0 15	21 45	1 9	18 51	0 19	20 31	1 42	20 22	0 2	1 56	2 6	34 42	13 13	6 45	6 45	1 40		n.a.
W13	22 15	15 5	2 38	16 12	0 57	21 43	0 17	21 35	1 9	18 54	0 19	20 32	1 42	20 21	0 2	1 56	2 6	34 42	13 13	6 47	6 47	1 38		n.a.
T 14	22 24	12 15	1 40	16 42	0 49	21 59	0 20	21 24	1 8	18 58	0 19	20 32	1 43	20 20	0 2	1 56	2 6	34 41	13 13	6 48	6 48	1 36		n.a.
F 15	22 33	8 57	0 38	17 11	0 41	22 14	0 22	21 13	1 7	19 1	0 19	20 33	1 43	20 20	0 2	1 55	2 6	34 41	13 13	6 48	6 49	1 34		n.a.
S 16	22 41	5 20	0n25	17 41	0 32	22 29	0 24	21 2	1 6	19 5	0 19	20 34	1 43	20 19	0 2	1 55	2 6	34 40	13 12	6 48	6 50	1 32		n.a.
S 17	22 49	1 32	1 26	18 10	0 24	22 43	0 27	20 51	1 6	19 8	0 19	20 34	1 43	20 19	0 2	1 55	2 6	34 40	13 12	6 49	6 52	1 31		n.a.
M18	22 56	2s20	2 24	18 39	0 16	22 56	0 29	20 40	1 5	19 11	0 19	20 35	1 44	20 18	0 2	1 55	2 6	34 40	13 12	6 50	6 53	1 29		n.a.
T 19	23 3	6 9	3 16	19 8	0 9	23 9	0 31	20 28	1 4	19 15	0 18	20 36	1 44	20 18	0 2	1 55	2 6	34 39	13 12	6 51	6 54	1 27		n.a.
W20	23 10	9 46	4 0	19 36	0 1	23 21	0 33	20 16	1 3	19 18	0 18	20 37	1 44	20 17	0 2	1 55	2 6	34 39	13 12	6 54	6 55	1 25		n.a.
T 21	23 16	13 2	4 33	20 3	0s 7	23 32	0 35	20 4	1 3	19 21	0 18	20 37	1 44	20 17	0 2	1 54	2 5	34 38	13 12	6 58	6 57	1 23		n.a.
F 22	23 21	15 47	4 54	20 30	0 14	23 43	0 37	19 52	1 2	19 25	0 18	20 38	1 44	20 16	0 2	1 54	2 5	34 38	13 11	7 3	6 58	1 21		n.a.
S 23	23 26	17 49	5 0	20 56	0 21	23 53	0 40	19 40	1 1	19 28	0 18	20 39	1 45	20 16	0 2	1 54	2 5	34 37	13 11	7 8	6 59	1 19		n.a.
S 24	23 31	18 58	4 51	21 21	0 29	24 2	0 42	19 28	1 0	19 31	0 18	20 40	1 45	20 15	0 2	1 54	2 5	34 37	13 11	7 14	7 0	1 17		n.a.
M25	23 35	19 4	4 25	21 45	0 35	24 10	0 44	19 15	0 59	19 34	0 18	20 41	1 45	20 15	0 2	1 54	2 5	34 37	13 11	7 18	7 2	1 15		n.a.
T 26	23 39	18 6	3 44	22 9	0 42	24 18	0 46	19 2	0 59	19 38	0 18	20 42	1 45	20 14	0 2	1 54	2 5	34 36	13 11	7 22	7 3	1 13		n.a.
W27	23 42	16 3	2 50	22 32	0 49	24 25	0 48	18 49	0 58	19 41	0 18	20 43	1 46	20 13	0 2	1 54	2 5	34 36	13 11	7 25	7 4	1 11		n.a.
T 28	23 45	13 3	1 45	22 53	0 55	24 31	0 50	18 36	0 57	19 44	0 18	20 43	1 46	20 13	0 2	1 54	2 5	34 35	13 11	7 26	7 5	1 9		n.a.
F 29	23 47	9 18	0 33	23 14	1 1	24 36	0 51	18 23	0 56	19 47	0 18	20 44	1 46	20 12	0 2	1 54	2 5	34 35	13 11	7 27	7 6	1 7		n.a.
S 30	23 49	5 1	0s41	23 34	1 7	24 41	0 53	18 10	0 56	19 50	0 17	20 45	1 46	20 12	0 2	1 54	2 5	34 35	13 10	7 27	7 8	1 6		n.a.
S 31	23s50	0s27	1s53	23s52	1s12	24s45	0s55	17s56	0s55	19s53	0n17	20n46	1n46	20n12	0n 2	1n54	2s 5	34s34	13s10	7n27	7n 9	1n 4		n.a.

Julian Day Number = 1206754.5, Delta T = 09h17m01s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'07, Lahiri = -23°24'07 Julian Calendar 1 Dec. 1410 BCE == Greg. Calendar 18 Nov. 1410 BCE

The year -1409 astronomical counting style corresponds to year 1410 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

JANUARY 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 49 5	28♐41'07	17♈18	13♐58	28♐24	14♒15	28♏41	6°R 7	28°R22	9°R27	24♉18	11°R17	12♍ 2	1♎19	n.a.	M 1
T 2	5 53 1	29°41'48	1♉27	15°32	29°40	14°58	28°54	6♌ 4	28♉20	9°D27	24°19	11♍14	11°58	1°25	n.a.	T 2
W 3	5 56 58	0♊42'27	15°35	17° 8	0♊55	15°42	29° 7	6° 1	28°18	9♈27	24°21	11° 7	11°55	1°32	n.a.	W 3
T 4	6 0 54	1°43'05	29°39	18°44	2°10	16°26	29°20	5°57	28°16	9°27	24°22	10°58	11°52	1°39	n.a.	T 4
F 5	6 4 51	2°43'41	13♊35	20°22	3°25	17°10	29°33	5°54	28°14	9°27	24°24	10°48	11°49	1°45	n.a.	F 5
S 6	6 8 47	3°44'15	27°19	22° 0	4°40	17°54	29°46	5°50	28°12	9°27	24°26	10°36	11°46	1°52	n.a.	S 6
S 7	6 12 44	4°44'48	10♋47	23°39	5°55	18°38	29°59	5°47	28°10	9°27	24°27	10°25	11°43	1°59	n.a.	S 7
M 8	6 16 40	5°45'18	23°57	25°19	7°10	19°21	0♐11	5°43	28° 8	9°28	24°29	10°15	11°39	2° 5	n.a.	M 8
T 9	6 20 37	6°45'47	6♌47	26°59	8°24	20° 5	0°24	5°39	28° 6	9°28	24°30	10° 8	11°36	2°12	n.a.	T 9
W10	6 24 34	7°46'14	19°18	28°41	9°39	20°49	0°36	5°35	28° 4	9°28	24°32	10° 3	11°33	2°18	n.a.	W10
T 11	6 28 30	8°46'40	1♍32	0♊24	10°54	21°32	0°49	5°31	28° 2	9°28	24°33	10° 1	11°30	2°25	n.a.	T 11
F 12	6 32 27	9°47'04	13°33	2° 7	12° 9	22°16	1° 1	5°27	28° 0	9°29	24°35	10°D 1	11°27	2°32	n.a.	F 12
S 13	6 36 23	10°47'26	25°25	3°52	13°24	23° 0	1°14	5°23	27°59	9°29	24°36	10° 1	11°24	2°38	n.a.	S 13
S 14	6 40 20	11°47'47	7♎14	5°37	14°39	23°43	1°26	5°19	27°57	9°30	24°38	10°R 2	11°20	2°45	n.a.	S 14
M15	6 44 16	12°48'06	19° 4	7°24	15°54	24°27	1°38	5°15	27°55	9°30	24°40	10° 2	11°17	2°52	n.a.	M15
T 16	6 48 13	13°48'23	1♏ 1	9°11	17° 9	25°10	1°50	5°11	27°54	9°30	24°41	10° 0	11°14	2°58	n.a.	T 16
W17	6 52 9	14°48'39	13°11	11° 0	18°24	25°53	2° 2	5° 7	27°52	9°31	24°43	9°56	11°11	3° 5	n.a.	W17
T 18	6 56 6	15°48'53	25°36	12°49	19°38	26°37	2°14	5° 3	27°51	9°31	24°44	9°50	11° 8	3°12	n.a.	T 18
F 19	7 0 3	16°49'06	8♐22	14°39	20°53	27°20	2°26	4°58	27°49	9°32	24°46	9°42	11° 4	3°18	n.a.	F 19
S 20	7 3 59	17°49'16	21°28	16°31	22° 8	28° 3	2°38	4°54	27°48	9°33	24°48	9°33	11° 1	3°25	n.a.	S 20
S 21	7 7 56	18°49'25	4♑56	18°23	23°23	28°47	2°50	4°50	27°46	9°33	24°49	9°24	10°58	3°32	n.a.	S 21
M22	7 11 52	19°49'32	18°42	20°16	24°38	29°30	3° 1	4°45	27°45	9°34	24°51	9°15	10°55	3°38	n.a.	M22
T 23	7 15 49	20°49'36	2♒44	22°10	25°52	0♓13	3°13	4°41	27°44	9°35	24°53	9° 9	10°52	3°45	n.a.	T 23
W24	7 19 45	21°49'39	16°57	24° 5	27° 7	0°56	3°24	4°36	27°43	9°35	24°54	9° 4	10°49	3°52	n.a.	W24
T 25	7 23 42	22°49'39	1♓17	26° 1	28°22	1°39	3°36	4°32	27°41	9°36	24°56	9° 2	10°45	3°58	n.a.	T 25
F 26	7 27 38	23°49'37	15°37	27°57	29°36	2°22	3°47	4°27	27°40	9°37	24°57	9°D 2	10°42	4° 5	n.a.	F 26
S 27	7 31 35	24°49'33	29°56	29°54	0♒51	3° 5	3°58	4°22	27°39	9°38	24°59	9° 3	10°39	4°12	n.a.	S 27
S 28	7 35 32	25°49'26	14♈ 9	1♒51	2° 6	3°48	4°10	4°18	27°38	9°39	25° 1	9° 5	10°36	4°18	n.a.	S 28
M29	7 39 28	26°49'17	28°16	3°48	3°20	4°31	4°21	4°13	27°37	9°39	25° 2	9°R 5	10°33	4°25	n.a.	M29
T 30	7 43 25	27°49'05	12♉15	5°45	4°35	5°14	4°32	4° 9	27°36	9°40	25° 4	9° 4	10°30	4°32	n.a.	T 30
W31	7 47 21	28♊48'51	26♉ 6	7♒42	5♒50	5♓57	4♐42	4♌ 4	27♉35	9♈41	25♊ 6	9♍ 1	10♍26	4♎38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s51	4n10	2s59	24s10	1s18	24s48	0s57	17s42	0s54	19s56	0n17	20n47	1n47	20n11	0n 3	1n54	2s 5	34s34	13s10	7n27	7n10	1n 2		n.a.
T 2	23 51	8 33	3 53	24 26	1 23	24 50	0 59	17 28	0 53	19 59	0 17	20 48	1 47	20 11	0 3	1 54	2 5	34 33	13 10	7 29	7 11	1 0		n.a.
W 3	23 51	12 26	4 33	24 41	1 28	24 52	1 0	17 15	0 53	20 2	0 17	20 49	1 47	20 10	0 3	1 54	2 5	34 33	13 10	7 31	7 13	0 58		n.a.
T 4	23 51	15 36	4 57	24 54	1 32	24 52	1 2	17 0	0 52	20 5	0 17	20 50	1 47	20 10	0 3	1 54	2 4	34 33	13 10	7 35	7 14	0 56		n.a.
F 5	23 50	17 50	5 2	25 6	1 36	24 52	1 4	16 46	0 51	20 8	0 17	20 52	1 47	20 9	0 3	1 55	2 4	34 32	13 10	7 39	7 15	0 54		n.a.
S 6	23 48	19 0	4 50	25 17	1 40	24 52	1 5	16 32	0 50	20 11	0 17	20 53	1 48	20 9	0 3	1 55	2 4	34 32	13 10	7 43	7 16	0 52		n.a.
S 7	23 46	19 4	4 22	25 26	1 44	24 50	1 7	16 17	0 49	20 14	0 17	20 54	1 48	20 8	0 3	1 55	2 4	34 31	13 10	7 48	7 18	0 50		n.a.
M 8	23 44	18 5	3 40	25 34	1 47	24 48	1 8	16 3	0 49	20 16	0 17	20 55	1 48	20 8	0 3	1 55	2 4	34 31	13 10	7 51	7 19	0 48		n.a.
T 9	23 41	16 12	2 48	25 40	1 50	24 44	1 9	15 48	0 48	20 19	0 17	20 56	1 48	20 7	0 3	1 55	2 4	34 31	13 10	7 54	7 20	0 46		n.a.
W10	23 38	13 35	1 48	25 44	1 53	24 41	1 11	15 33	0 47	20 22	0 17	20 57	1 48	20 7	0 3	1 55	2 4	34 30	13 9	7 56	7 21	0 44		n.a.
T 11	23 34	10 25	0 45	25 47	1 55	24 36	1 12	15 18	0 46	20 25	0 16	20 58	1 49	20 7	0 3	1 55	2 4	34 30	13 9	7 57	7 22	0 42		n.a.
F 12	23 29	6 52	0n19	25 47	1 57	24 31	1 13	15 3	0 46	20 27	0 16	20 59	1 49	20 6	0 3	1 56	2 4	34 30	13 9	7 57	7 24	0 40		n.a.
S 13	23 25	3 6	1 22	25 46	1 58	24 24	1 15	14 48	0 45	20 30	0 16	21 1	1 49	20 6	0 3	1 56	2 4	34 29	13 9	7 57	7 25	0 39		n.a.
S 14	23 19	0s46	2 21	25 43	1 59	24 17	1 16	14 32	0 44	20 33	0 16	21 2	1 49	20 5	0 3	1 56	2 4	34 29	13 9	7 56	7 26	0 37		n.a.
M15	23 14	4 37	3 14	25 39	2 0	24 10	1 17	14 17	0 43	20 35	0 16	21 3	1 49	20 5	0 3	1 56	2 4	34 29	13 9	7 56	7 27	0 35		n.a.
T 16	23 8	8 18	3 59	25 32	2 0	24 1	1 18	14 2	0 43	20 38	0 16	21 4	1 49	20 5	0 3	1 57	2 4	34 28	13 9	7 57	7 29	0 33		n.a.
W17	23 1	11 43	4 34	25 23	2 0	23 52	1 19	13 46	0 42	20 40	0 16	21 5	1 50	20 4	0 3	1 57	2 3	34 28	13 9	7 59	7 30	0 31		n.a.
T 18	22 54	14 41	4 57	25 12	1 59	23 42	1 20	13 30	0 41	20 43	0 16	21 7	1 50	20 4	0 3	1 57	2 3	34 28	13 9	8 1	7 31	0 29		n.a.
F 19	22 47	17 2	5 6	24 59	1 58	23 32	1 20	13 14	0 40	20 45	0 16	21 8	1 50	20 4	0 3	1 57	2 3	34 27	13 9	8 4	7 32	0 27		n.a.
S 20	22 39	18 35	5 0	24 44	1 56	23 20	1 21	12 59	0 40	20 48	0 16	21 9	1 50	20 3	0 3	1 58	2 3	34 27	13 9	8 7	7 34	0 25		n.a.
S 21	22 31	19 9	4 37	24 27	1 54	23 8	1 22	12 43	0 39	20 50	0 16	21 10	1 50	20 3	0 3	1 58	2 3	34 27	13 9	8 11	7 35	0 23		n.a.
M22	22 22	18 36	3 58	24 7	1 51	22 56	1 23	12 26	0 38	20 52	0 16	21 11	1 50	20 3	0 3	1 58	2 3	34 26	13 9	8 14	7 36	0 21		n.a.
T 23	22 13	16 55	3 3	23 46	1 47	22 42	1 23	12 10	0 37	20 55	0 15	21 13	1 50	20 3	0 3	1 59	2 3	34 26	13 9	8 17	7 37	0 19		n.a.
W24	22 3	14 11	1 56	23 22	1 43	22 28	1 24	11 54	0 37	20 57	0 15	21 14	1 51	20 2	0 3	1 59	2 3	34 26	13 9	8 18	7 38	0 17		n.a.
T 25	21 53	10 33	0 42	22 56	1 39	22 14	1 24	11 38	0 36	20 59	0 15	21 15	1 51	20 2	0 3	1 59	2 3	34 25	13 9	8 19	7 40	0 15		n.a.
F 26	21 43	6 19	0s36	22 27	1 33	21 58	1 25	11 21	0 35	21 2	0 15	21 16	1 51	20 2	0 3	2 0	2 3	34 25	13 9	8 19	7 41	0 13		n.a.
S 27	21 32	1 43	1 51	21 57	1 27	21 42	1 25	11 5	0 34	21 4	0 15	21 18	1 51	20 2	0 3	2 0	2 3	34 25	13 9	8 19	7 42	0 11		n.a.
S 28	21 21	2n56	2 59	21 24	1 21	21 25	1 25	10 48	0 34	21 6	0 15	21 19	1 51	20 1	0 3	2 1	2 3	34 24	13 9	8 18	7 43	0 9		n.a.
M29	21 10	7 23	3 55	20 50	1 14	21 8	1 26	10 32	0 33	21 8	0 15	21 20	1 51	20 1	0 3	2 1	2 3	34 24	13 9	8 18	7 45	0 7		n.a.
T 30	20 58	11 23	4 37	20 13	1 6	20 50	1 26	10 15	0 32	21 10	0 15	21 21	1 51	20 1	0 3	2 1	2 3	34 24	13 9	8 19	7 46	0 6		n.a.
W31	20s45	14n43	5s 3	19s35	0s57	20s32	1s26	9s59	0s31	21s13	0n15	21n23	1n51	20n 1	0n 3	2n 2	2s 3	34s24	13s 9	8n20	7n47	0n 4		n.a.

Julian Day Number = 1206785.5, Delta T = 09h16m59s
Ecliptic obliquity = 23°51'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°31'03, Lahiri = -23°24'03 Julian Calendar 1 Jan. 1409 BCE == Greg. Calendar 19 Dec. 1410 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

FEBRUARY 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 51 18	29♉48'34	9♊46	9♒39	7♒ 4	6♓39	4♐53	3°R59	27°R34	9♈42	25♉ 7	8°R57	10♍23	4♎45	n.a.	T 1
F 2	7 55 14	0♒48'16	23°16	11°35	8°19	7°22	5° 4	3♌55	27♉34	9°43	25° 9	8♍51	10°20	4°52	n.a.	F 2
S 3	7 59 11	1°47'54	6♋33	13°29	9°33	8° 5	5°14	3°50	27°33	9°44	25°10	8°45	10°17	4°58	n.a.	S 3
S 4	8 3 7	2°47'31	19°36	15°22	10°48	8°47	5°25	3°45	27°32	9°45	25°12	8°38	10°14	5° 5	n.a.	S 4
M 5	8 7 4	3°47'05	2♌26	17°13	12° 2	9°30	5°35	3°41	27°32	9°47	25°14	8°33	10°10	5°12	n.a.	M 5
T 6	8 11 1	4°46'37	15° 0	19° 2	13°17	10°13	5°46	3°36	27°31	9°48	25°15	8°29	10° 7	5°18	n.a.	T 6
W 7	8 14 57	5°46'07	27°21	20°48	14°31	10°55	5°56	3°31	27°30	9°49	25°17	8°27	10° 4	5°25	n.a.	W 7
T 8	8 18 54	6°45'35	9♍30	22°31	15°45	11°38	6° 6	3°26	27°30	9°50	25°18	8°D26	10° 1	5°32	n.a.	T 8
F 9	8 22 50	7°45'01	21°28	24° 9	17° 0	12°20	6°16	3°22	27°30	9°51	25°20	8°27	9°58	5°38	n.a.	F 9
S 10	8 26 47	8°44'24	3♎20	25°44	18°14	13° 2	6°26	3°17	27°29	9°53	25°22	8°29	9°55	5°45	n.a.	S 10
S 11	8 30 43	9°43'46	15° 9	27°14	19°29	13°45	6°35	3°12	27°29	9°54	25°23	8°30	9°51	5°52	n.a.	S 11
M12	8 34 40	10°43'06	26°59	28°39	20°43	14°27	6°45	3° 8	27°29	9°55	25°25	8°32	9°48	5°58	n.a.	M12
T 13	8 38 36	11°42'24	8♏56	29°58	21°57	15° 9	6°54	3° 3	27°28	9°57	25°26	8°R33	9°45	6° 5	n.a.	T 13
W14	8 42 33	12°41'40	21° 5	1♓12	23°12	15°52	7° 4	2°59	27°28	9°58	25°28	8°32	9°42	6°12	n.a.	W14
T 15	8 46 29	13°40'54	3♐30	2°19	24°26	16°34	7°13	2°54	27°28	9°59	25°29	8°31	9°39	6°18	n.a.	T 15
F 16	8 50 26	14°40'06	16°15	3°20	25°40	17°16	7°22	2°49	27°D28	10° 1	25°31	8°29	9°35	6°25	n.a.	F 16
S 17	8 54 23	15°39'16	29°24	4°14	26°54	17°58	7°31	2°45	27°28	10° 2	25°33	8°26	9°32	6°32	n.a.	S 17
S 18	8 58 19	16°38'24	12♉57	5° 2	28° 9	18°40	7°40	2°40	27°28	10° 4	25°34	8°22	9°29	6°38	n.a.	S 18
M19	9 2 16	17°37'30	26°54	5°42	29°23	19°22	7°49	2°36	27°28	10° 5	25°36	8°19	9°26	6°45	n.a.	M19
T 20	9 6 12	18°36'34	11♒12	6°15	0♓37	20° 4	7°58	2°31	27°28	10° 7	25°37	8°17	9°23	6°51	n.a.	T 20
W21	9 10 9	19°35'36	25°47	6°41	1°51	20°46	8° 6	2°27	27°29	10° 8	25°39	8°16	9°20	6°58	n.a.	W21
T 22	9 14 5	20°34'36	10♓31	7° 0	3° 5	21°28	8°15	2°23	27°29	10°10	25°40	8°D15	9°16	7° 5	n.a.	T 22
F 23	9 18 2	21°33'33	25°19	7°11	4°19	22°10	8°23	2°18	27°29	10°11	25°42	8°16	9°13	7°11	n.a.	F 23
S 24	9 21 58	22°32'28	10♈ 2	7°R15	5°33	22°52	8°31	2°14	27°30	10°13	25°43	8°17	9°10	7°18	n.a.	S 24
S 25	9 25 55	23°31'21	24°35	7°13	6°47	23°33	8°39	2°10	27°30	10°15	25°45	8°18	9° 7	7°25	n.a.	S 25
M26	9 29 51	24°30'11	8♉54	7° 4	8° 1	24°15	8°47	2° 6	27°30	10°16	25°46	8°19	9° 4	7°31	n.a.	M26
T 27	9 33 48	25°28'58	22°57	6°48	9°15	24°57	8°55	2° 2	27°31	10°18	25°48	8°R19	9° 1	7°38	n.a.	T 27
W28	9 37 45	26°27'44	6♊43	6°27	10°29	25°38	9° 2	1°58	27°32	10°20	25°49	8°19	8°57	7°45	n.a.	W28
T 29	9 41 41	27♒26'27	20♊11	6♓ 0	11♓43	26♓20	9♐10	1♌54	27♉32	10♈21	25♉50	8♍18	8♍54	7♎51	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s33	17n11	5s10	18s55	0s48	20s13	1s26	9s42	0s31	21s15	0n15	21n24	1n51	20n 0	0n 3	2n 2	2s 2	34s23	13s 9	8n21	7n48	0n 2		n.a.
F 2	20 20	18 41	5 1	18 13	0 38	19 53	1 26	9 25	0 30	21 17	0 15	21 25	1 51	20 0	0 3	2 3	2 2	34 23	13 9	8 24	7 49	0s 0		n.a.
S 3	20 6	19 7	4 35	17 30	0 28	19 33	1 26	9 8	0 29	21 19	0 14	21 26	1 52	20 0	0 3	2 3	2 2	34 23	13 10	8 26	7 51	0 2		n.a.
S 4	19 53	18 31	3 55	16 46	0 17	19 12	1 26	8 51	0 28	21 21	0 14	21 27	1 52	20 0	0 3	2 4	2 2	34 22	13 10	8 28	7 52	0 4		n.a.
M 5	19 39	16 59	3 4	16 2	0 5	18 51	1 26	8 34	0 28	21 23	0 14	21 29	1 52	20 0	0 3	2 4	2 2	34 22	13 10	8 30	7 53	0 6		n.a.
T 6	19 24	14 38	2 5	15 16	0n 7	18 29	1 25	8 17	0 27	21 25	0 14	21 30	1 52	20 0	0 3	2 5	2 2	34 22	13 10	8 32	7 54	0 8		n.a.
W 7	19 9	11 40	1 0	14 30	0 19	18 7	1 25	8 0	0 26	21 26	0 14	21 31	1 52	20 0	0 3	2 5	2 2	34 22	13 10	8 33	7 56	0 10		n.a.
T 8	18 54	8 14	0n 6	13 45	0 32	17 44	1 25	7 43	0 26	21 28	0 14	21 32	1 52	19 59	0 3	2 6	2 2	34 21	13 10	8 33	7 57	0 12		n.a.
F 9	18 39	4 31	1 11	12 59	0 45	17 21	1 24	7 26	0 25	21 30	0 14	21 33	1 52	19 59	0 3	2 6	2 2	34 21	13 10	8 33	7 58	0 14		n.a.
S 10	18 23	0 40	2 12	12 15	0 58	16 57	1 24	7 9	0 24	21 32	0 14	21 35	1 52	19 59	0 3	2 7	2 2	34 21	13 10	8 32	7 59	0 16		n.a.
S 11	18 7	3s11	3 8	11 31	1 12	16 33	1 23	6 52	0 23	21 34	0 14	21 36	1 52	19 59	0 3	2 8	2 2	34 21	13 10	8 31	8 0	0 18		n.a.
M12	17 51	6 55	3 56	10 49	1 25	16 8	1 22	6 34	0 23	21 35	0 14	21 37	1 52	19 59	0 3	2 8	2 2	34 21	13 10	8 31	8 2	0 20		n.a.
T 13	17 35	10 24	4 34	10 9	1 39	15 43	1 22	6 17	0 22	21 37	0 14	21 38	1 52	19 59	0 3	2 9	2 2	34 20	13 10	8 30	8 3	0 22		n.a.
W14	17 18	13 31	5 0	9 30	1 52	15 18	1 21	6 0	0 21	21 39	0 14	21 39	1 52	19 59	0 3	2 9	2 2	34 20	13 11	8 31	8 4	0 24		n.a.
T 15	17 0	16 5	5 14	8 54	2 4	14 52	1 20	5 43	0 21	21 40	0 13	21 40	1 52	19 59	0 3	2 10	2 2	34 20	13 11	8 31	8 5	0 26		n.a.
F 16	16 43	17 58	5 12	8 20	2 17	14 25	1 19	5 25	0 20	21 42	0 13	21 41	1 52	19 59	0 3	2 11	2 1	34 20	13 11	8 32	8 7	0 28		n.a.
S 17	16 25	18 57	4 54	7 49	2 29	13 59	1 18	5 8	0 19	21 44	0 13	21 43	1 52	19 59	0 3	2 11	2 1	34 20	13 11	8 33	8 8	0 30		n.a.
S 18	16 7	18 55	4 20	7 21	2 40	13 32	1 17	4 50	0 18	21 45	0 13	21 44	1 52	19 59	0 3	2 12	2 1	34 19	13 11	8 34	8 9	0 31		n.a.
M19	15 49	17 44	3 29	6 57	2 51	13 4	1 16	4 33	0 18	21 47	0 13	21 45	1 52	19 59	0 3	2 12	2 1	34 19	13 11	8 36	8 10	0 33		n.a.
T 20	15 31	15 25	2 24	6 35	3 0	12 37	1 15	4 16	0 17	21 48	0 13	21 46	1 52	19 59	0 3	2 13	2 1	34 19	13 11	8 36	8 11	0 35		n.a.
W21	15 12	12 5	1 8	6 18	3 9	12 9	1 14	3 58	0 16	21 50	0 13	21 47	1 53	19 59	0 3	2 14	2 1	34 19	13 12	8 37	8 13	0 37		n.a.
T 22	14 53	7 57	0s13	6 3	3 17	11 40	1 12	3 41	0 16	21 51	0 13	21 48	1 53	19 59	0 3	2 14	2 1	34 19	13 12	8 37	8 14	0 39		n.a.
F 23	14 34	3 19	1 33	5 53	3 23	11 12	1 11	3 23	0 15	21 53	0 13	21 49	1 53	19 59	0 3	2 15	2 1	34 19	13 12	8 37	8 15	0 41		n.a.
S 24	14 14	1n29	2 47	5 46	3 29	10 43	1 10	3 6	0 14	21 54	0 13	21 50	1 53	20 0	0 3	2 16	2 1	34 18	13 12	8 37	8 16	0 43		n.a.
S 25	13 55	6 8	3 49	5 44	3 33	10 14	1 8	2 49	0 14	21 55	0 13	21 51	1 53	20 0	0 3	2 17	2 1	34 18	13 12	8 36	8 17	0 45		n.a.
M26	13 35	10 21	4 36	5 45	3 35	9 44	1 7	2 31	0 13	21 57	0 12	21 52	1 53	20 0	0 3	2 17	2 1	34 18	13 12	8 36	8 19	0 47		n.a.
T 27	13 15	13 54	5 6	5 50	3 36	9 14	1 5	2 14	0 12	21 58	0 12	21 53	1 53	20 0	0 3	2 18	2 1	34 18	13 13	8 36	8 20	0 49		n.a.
W28	12 55	16 36	5 17	5 58	3 36	8 45	1 4	1 56	0 12	21 59	0 12	21 54	1 53	20 0	0 3	2 19	2 1	34 18	13 13	8 36	8 21	0 51		n.a.
T 29	12s34	18n20	5s10	6s10	3n33	8s14	1s 2	1s39	0s11	22s 1	0n12	21n55	1n53	20n 0	0n 3	2n19	2s 1	34s18	13s13	8n36	8n22	0s53		n.a.

Julian Day Number = 1206816.5, Delta T = 09h16m57s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'59, Lahiri = -23°23'59 Julian Calendar 1 Feb. 1409 BCE == Greg. Calendar 19 Jan. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

MARCH 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 45 38	28♒25'07	3♋22	5°R28	12♓57	27♓ 2	9♐17	1°R50	27♉33	10♈23	25♑52	8°R17	8♍51	7♎58	n.a.	F 1
S 2	9 49 34	29°23'45	16°18	4♓53	14°11	27°43	9°24	1♌46	27°34	10°25	25°53	8♍16	8°48	8° 5	n.a.	S 2
S 3	9 53 31	0♓22'21	28°59	4°14	15°25	28°25	9°31	1°42	27°35	10°27	25°55	8°15	8°45	8°11	n.a.	S 3
M 4	9 57 27	1°20'55	11♌28	3°32	16°39	29° 6	9°38	1°38	27°35	10°29	25°56	8°14	8°41	8°18	n.a.	M 4
T 5	10 1 24	2°19'26	23°46	2°49	17°53	29°47	9°45	1°34	27°36	10°30	25°57	8°14	8°38	8°25	n.a.	T 5
W 6	10 5 20	3°17'55	5♍54	2° 4	19° 6	0♈29	9°51	1°31	27°37	10°32	25°59	8°D13	8°35	8°31	n.a.	W 6
T 7	10 9 17	4°16'22	17°54	1°20	20°20	1°10	9°58	1°27	27°38	10°34	26° 0	8°14	8°32	8°38	n.a.	T 7
F 8	10 13 13	5°14'48	29°48	0°36	21°34	1°51	10° 4	1°24	27°39	10°36	26° 1	8°14	8°29	8°45	n.a.	F 8
S 9	10 17 10	6°13'11	11♎38	29♒54	22°48	2°33	10°10	1°20	27°40	10°38	26° 3	8°14	8°26	8°51	n.a.	S 9
S 10	10 21 7	7°11'32	23°27	29°14	24° 1	3°14	10°16	1°17	27°42	10°40	26° 4	8°14	8°22	8°58	n.a.	S 10
M11	10 25 3	8° 9'52	5♏18	28°37	25°15	3°55	10°22	1°14	27°43	10°42	26° 5	8°R14	8°19	9° 5	n.a.	M11
T 12	10 29 0	9° 8'10	17°16	28° 3	26°29	4°36	10°27	1°10	27°44	10°44	26° 7	8°14	8°16	9°11	n.a.	T 12
W13	10 32 56	10° 6'26	29°24	27°33	27°42	5°17	10°33	1° 7	27°45	10°46	26° 8	8°14	8°13	9°18	n.a.	W13
T 14	10 36 53	11° 4'41	11♐47	27° 8	28°56	5°58	10°38	1° 4	27°47	10°48	26° 9	8°D14	8°10	9°25	n.a.	T 14
F 15	10 40 49	12° 2'54	24°28	26°47	0♈ 9	6°39	10°43	1° 1	27°48	10°50	26°10	8°14	8° 7	9°31	n.a.	F 15
S 16	10 44 46	13° 1'05	7♑33	26°30	1°23	7°20	10°48	0°58	27°50	10°52	26°11	8°14	8° 3	9°38	n.a.	S 16
S 17	10 48 42	13°59'15	21° 2	26°19	2°36	8° 1	10°53	0°55	27°51	10°54	26°13	8°15	8° 0	9°45	n.a.	S 17
M18	10 52 39	14°57'23	4♒58	26°12	3°50	8°42	10°58	0°53	27°53	10°56	26°14	8°16	7°57	9°51	n.a.	M18
T 19	10 56 35	15°55'29	19°19	26°D10	5° 3	9°23	11° 2	0°50	27°54	10°58	26°15	8°16	7°54	9°58	n.a.	T 19
W20	11 0 32	16°53'34	4♓ 2	26°13	6°16	10° 4	11° 6	0°48	27°56	11° 0	26°16	8°R16	7°51	10° 5	n.a.	W20
T 21	11 4 29	17°51'37	19° 1	26°21	7°30	10°44	11°11	0°45	27°58	11° 2	26°17	8°16	7°47	10°11	n.a.	T 21
F 22	11 8 25	18°49'38	4♈ 7	26°34	8°43	11°25	11°14	0°43	27°59	11° 4	26°18	8°16	7°44	10°18	n.a.	F 22
S 23	11 12 22	19°47'37	19°12	26°52	9°57	12° 6	11°18	0°40	28° 1	11° 6	26°19	8°15	7°41	10°25	n.a.	S 23
S 24	11 16 18	20°45'34	4♉ 7	27°14	11°10	12°46	11°22	0°38	28° 3	11° 8	26°20	8°13	7°38	10°31	n.a.	S 24
M25	11 20 15	21°43'30	18°44	27°40	12°23	13°27	11°25	0°36	28° 5	11°11	26°21	8°12	7°35	10°38	n.a.	M25
T 26	11 24 11	22°41'23	2♊59	28°10	13°36	14° 8	11°28	0°34	28° 7	11°13	26°22	8°10	7°32	10°45	n.a.	T 26
W27	11 28 8	23°39'15	16°50	28°45	14°49	14°48	11°32	0°32	28° 9	11°15	26°23	8°10	7°28	10°51	n.a.	W27
T 28	11 32 4	24°37'05	0♋16	29°23	16° 3	15°29	11°34	0°30	28°11	11°17	26°24	8°D10	7°25	10°58	n.a.	T 28
F 29	11 36 1	25°34'52	13°20	0♓ 5	17°16	16° 9	11°37	0°29	28°13	11°19	26°25	8°10	7°22	11° 5	n.a.	F 29
S 30	11 39 58	26°32'38	26° 4	0°51	18°29	16°50	11°40	0°27	28°15	11°21	26°26	8°12	7°19	11°11	n.a.	S 30
S 31	11 43 54	27♓30'22	8♌31	1♓41	19♈42	17♈30	11♐42	0♌25	28♉17	11♈24	26♑27	8♍13	7♍16	11♎18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s14	19n 2	4s47	6s25	3n30	7s44	1s 0	1s22	0s10	22s 2	0n12	21n56	1n52	20n 0	0n 3	2n20	2s 1	34s18	13s13	8n36	8n24	0s55		n.a.
S 2	11 53	18 42	4 10	6 44	3 24	7 14	0 59	1 4	0 10	22 3	0 12	21 56	1 52	20 1	0 3	2 21	2 1	34 18	13 13	8 37	8 25	0 57		n.a.
S 3	11 32	17 26	3 21	7 4	3 17	6 43	0 57	0 47	0 9	22 4	0 12	21 57	1 52	20 1	0 3	2 22	2 1	34 18	13 14	8 37	8 26	0 59		n.a.
M 4	11 11	15 21	2 23	7 28	3 9	6 12	0 55	0 29	0 8	22 5	0 12	21 58	1 52	20 1	0 3	2 22	2 1	34 18	13 14	8 38	8 27	1 1		n.a.
T 5	10 50	12 35	1 19	7 53	2 59	5 41	0 53	0 12	0 8	22 6	0 12	21 59	1 52	20 1	0 3	2 23	2 1	34 17	13 14	8 38	8 28	1 3		n.a.
W 6	10 28	9 18	0 13	8 19	2 48	5 10	0 51	0n 5	0 7	22 8	0 12	22 0	1 52	20 1	0 3	2 24	2 1	34 17	13 14	8 38	8 30	1 5		n.a.
T 7	10 7	5 41	0n54	8 47	2 35	4 39	0 49	0 23	0 6	22 9	0 12	22 1	1 52	20 2	0 3	2 25	2 0	34 17	13 15	8 38	8 31	1 7		n.a.
F 8	9 45	1 52	1 57	9 15	2 22	4 7	0 47	0 40	0 6	22 10	0 11	22 1	1 52	20 2	0 3	2 26	2 0	34 17	13 15	8 38	8 32	1 9		n.a.
S 9	9 23	2s 0	2 55	9 43	2 7	3 36	0 45	0 57	0 5	22 11	0 11	22 2	1 52	20 2	0 3	2 26	2 0	34 17	13 15	8 38	8 33	1 11		n.a.
S 10	9 1	5 46	3 46	10 12	1 52	3 4	0 43	1 14	0 4	22 12	0 11	22 3	1 52	20 2	0 3	2 27	2 0	34 17	13 15	8 38	8 34	1 13		n.a.
M11	8 39	9 20	4 27	10 39	1 37	2 32	0 41	1 32	0 4	22 13	0 11	22 3	1 52	20 3	0 3	2 28	2 0	34 17	13 15	8 38	8 36	1 15		n.a.
T 12	8 17	12 32	4 57	11 6	1 21	2 1	0 38	1 49	0 3	22 13	0 11	22 4	1 52	20 3	0 3	2 29	2 0	34 17	13 16	8 38	8 37	1 17		n.a.
W13	7 55	15 16	5 14	11 31	1 5	1 29	0 36	2 6	0 2	22 14	0 11	22 5	1 52	20 3	0 3	2 30	2 0	34 17	13 16	8 38	8 38	1 18		n.a.
T 14	7 32	17 21	5 17	11 56	0 48	0 57	0 34	2 23	0 2	22 15	0 11	22 5	1 52	20 4	0 3	2 30	2 0	34 17	13 16	8 38	8 39	1 20		n.a.
F 15	7 10	18 40	5 5	12 18	0 32	0 25	0 32	2 40	0 1	22 16	0 11	22 6	1 52	20 4	0 3	2 31	2 0	34 17	13 16	8 38	8 40	1 22		n.a.
S 16	6 47	19 2	4 37	12 38	0 17	0n 7	0 29	2 57	0 0	22 17	0 11	22 7	1 52	20 4	0 3	2 32	2 0	34 17	13 17	8 37	8 42	1 24		n.a.
S 17	6 24	18 20	3 54	12 57	0 1	0 39	0 27	3 14	0n 0	22 18	0 11	22 7	1 52	20 5	0 3	2 33	2 0	34 17	13 17	8 37	8 43	1 26		n.a.
M18	6 2	16 32	2 55	13 13	0s14	1 10	0 25	3 31	0 1	22 18	0 10	22 8	1 52	20 5	0 3	2 34	2 0	34 17	13 17	8 37	8 44	1 28		n.a.
T 19	5 39	13 39	1 43	13 28	0 29	1 42	0 22	3 48	0 1	22 19	0 10	22 8	1 52	20 5	0 3	2 35	2 0	34 17	13 18	8 37	8 45	1 30		n.a.
W20	5 16	9 50	0 24	13 40	0 43	2 14	0 20	4 5	0 2	22 20	0 10	22 9	1 52	20 6	0 3	2 36	2 0	34 17	13 18	8 37	8 46	1 32		n.a.
T 21	4 53	5 20	0s59	13 49	0 56	2 46	0 17	4 22	0 3	22 21	0 10	22 9	1 52	20 6	0 3	2 36	2 0	34 17	13 18	8 37	8 48	1 34		n.a.
F 22	4 30	0 27	2 19	13 57	1 9	3 18	0 15	4 39	0 3	22 21	0 10	22 10	1 51	20 7	0 3	2 37	2 0	34 17	13 18	8 37	8 49	1 36		n.a.
S 23	4 7	4n27	3 28	14 2	1 21	3 49	0 12	4 55	0 4	22 22	0 10	22 10	1 51	20 7	0 3	2 38	2 0	34 17	13 19	8 37	8 50	1 38		n.a.
S 24	3 43	9 0	4 23	14 5	1 32	4 21	0 10	5 12	0 5	22 22	0 10	22 10	1 51	20 7	0 3	2 39	2 0	34 17	13 19	8 38	8 51	1 40		n.a.
M25	3 20	12 55	4 59	14 6	1 42	4 52	0 7	5 29	0 5	22 23	0 10	22 11	1 51	20 8	0 3	2 40	2 0	34 17	13 19	8 38	8 52	1 42		n.a.
T 26	2 57	15 58	5 15	14 4	1 52	5 24	0 4	5 45	0 6	22 24	0 10	22 11	1 51	20 8	0 3	2 41	2 0	34 18	13 20	8 39	8 54	1 44		n.a.
W27	2 34	18 0	5 13	14 0	2 1	5 55	0 2	6 2	0 6	22 24	0 9	22 12	1 51	20 9	0 3	2 42	2 0	34 18	13 20	8 39	8 55	1 46		n.a.
T 28	2 10	18 58	4 54	13 54	2 9	6 26	0n 1	6 18	0 7	22 25	0 9	22 12	1 51	20 9	0 3	2 42	2 0	34 18	13 20	8 39	8 56	1 48		n.a.
F 29	1 47	18 53	4 19	13 46	2 17	6 57	0 4	6 35	0 8	22 25	0 9	22 12	1 51	20 10	0 3	2 43	2 0	34 18	13 20	8 39	8 57	1 50		n.a.
S 30	1 24	17 49	3 33	13 36	2 24	7 28	0 6	6 51	0 8	22 26	0 9	22 12	1 51	20 10	0 3	2 44	2 0	34 18	13 21	8 39	8 58	1 52		n.a.
S 31	1s 1	15n55	2s37	13s23	2s30	7n58	0n 9	7n 7	0n 9	22s26	0n 9	22n13	1n51	20n11	0n 3	2n45	2s 0	34s18	13s21	8n38	9n 0	1s54		n.a.

Julian Day Number = 1206845.5, Delta T = 09h16m56s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'55, Lahiri = -23°23'55 Julian Calendar 1 March 1409 BCE == Greg. Calendar 17 Feb. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

APRIL 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 47 51	28♓28'04	20♌46	2♓33	20♈55	18♈10	11♐44	0°R24	28♉19	11♈26	26♑28	8♍14	7♍12	11♎25	n.a.	M 1
T 2	11 51 47	29°25'45	2♍50	3°29	22° 8	18°51	11°46	0♌23	28°22	11°28	26°29	8°R15	7° 9	11°31	n.a.	T 2
W 3	11 55 44	0♈23'23	14°47	4°28	23°21	19°31	11°48	0°21	28°24	11°30	26°30	8°15	7° 6	11°38	n.a.	W 3
T 4	11 59 40	1°21'01	26°40	5°30	24°34	20°11	11°50	0°20	28°26	11°32	26°31	8°14	7° 3	11°45	n.a.	T 4
F 5	12 3 37	2°18'36	8♎30	6°35	25°47	20°52	11°51	0°19	28°28	11°35	26°32	8°12	7° 0	11°51	n.a.	F 5
S 6	12 7 33	3°16'11	20°19	7°43	26°59	21°32	11°52	0°18	28°31	11°37	26°32	8° 8	6°57	11°58	n.a.	S 6
S 7	12 11 30	4°13'44	2♏10	8°54	28°12	22°12	11°53	0°17	28°33	11°39	26°33	8° 4	6°53	12° 5	n.a.	S 7
M 8	12 15 26	5°11'16	14° 5	10° 7	29°25	22°52	11°54	0°17	28°36	11°41	26°34	8° 0	6°50	12°11	n.a.	M 8
T 9	12 19 23	6° 8'46	26° 7	11°23	0♉38	23°32	11°55	0°16	28°38	11°44	26°35	7°55	6°47	12°18	n.a.	T 9
W10	12 23 20	7° 6'16	8♐18	12°42	1°50	24°12	11°55	0°15	28°41	11°46	26°35	7°51	6°44	12°25	n.a.	W10
T 11	12 27 16	8° 3'44	20°41	14° 3	3° 3	24°52	11°55	0°15	28°43	11°48	26°36	7°49	6°41	12°31	n.a.	T 11
F 12	12 31 13	9° 1'12	3♑21	15°27	4°16	25°32	11°R56	0°15	28°46	11°50	26°37	7°D48	6°38	12°38	n.a.	F 12
S 13	12 35 9	9°58'39	16°20	16°53	5°28	26°12	11°55	0°14	28°49	11°53	26°37	7°48	6°34	12°45	n.a.	S 13
S 14	12 39 6	10°56'04	29°42	18°22	6°41	26°52	11°55	0°14	28°51	11°55	26°38	7°49	6°31	12°52	n.a.	S 14
M15	12 43 2	11°53'29	13♒29	19°53	7°53	27°32	11°55	0°D14	28°54	11°57	26°38	7°50	6°28	12°58	n.a.	M15
T 16	12 46 59	12°50'53	27°42	21°26	9° 6	28°12	11°54	0°14	28°57	11°59	26°39	7°51	6°25	13° 5	n.a.	T 16
W17	12 50 55	13°48'16	12♓20	23° 2	10°18	28°52	11°53	0°14	29° 0	12° 1	26°40	7°R51	6°22	13°12	n.a.	W17
T 18	12 54 52	14°45'38	27°18	24°40	11°31	29°32	11°52	0°15	29° 2	12° 4	26°40	7°50	6°18	13°18	n.a.	T 18
F 19	12 58 49	15°42'59	12♈29	26°20	12°43	0♉11	11°51	0°15	29° 5	12° 6	26°41	7°47	6°15	13°25	n.a.	F 19
S 20	13 2 45	16°40'20	27°44	28° 3	13°56	0°51	11°49	0°16	29° 8	12° 8	26°41	7°43	6°12	13°32	n.a.	S 20
S 21	13 6 42	17°37'39	12♉51	29°48	15° 8	1°31	11°48	0°16	29°11	12°10	26°42	7°37	6° 9	13°38	n.a.	S 21
M22	13 10 38	18°34'57	27°42	1♈36	16°20	2°11	11°46	0°17	29°14	12°13	26°42	7°31	6° 6	13°45	n.a.	M22
T 23	13 14 35	19°32'14	12♊10	3°26	17°32	2°50	11°44	0°18	29°17	12°15	26°42	7°26	6° 3	13°52	n.a.	T 23
W24	13 18 31	20°29'30	26°10	5°18	18°45	3°30	11°42	0°18	29°20	12°17	26°43	7°22	5°59	13°58	n.a.	W24
T 25	13 22 28	21°26'44	9♋41	7°12	19°57	4° 9	11°40	0°19	29°23	12°19	26°43	7°19	5°56	14° 5	n.a.	T 25
F 26	13 26 24	22°23'58	22°45	9° 9	21° 9	4°49	11°37	0°20	29°26	12°22	26°44	7°D19	5°53	14°12	n.a.	F 26
S 27	13 30 21	23°21'10	5♌26	11° 8	22°21	5°29	11°34	0°22	29°29	12°24	26°44	7°19	5°50	14°18	n.a.	S 27
S 28	13 34 18	24°18'22	17°48	13° 8	23°33	6° 8	11°31	0°23	29°32	12°26	26°44	7°21	5°47	14°25	n.a.	S 28
M29	13 38 14	25°15'32	29°55	15°11	24°45	6°48	11°28	0°24	29°35	12°28	26°44	7°22	5°43	14°32	n.a.	M29
T 30	13 42 11	26♈12'42	11♍52	17♈16	25♉57	7♉27	11♐25	0♌26	29♉39	12♈30	26♑45	7°R22	5♍40	14♎38	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s37	13n19	1s35	13s 9	2s35	8n29	0n12	7n23	0n 9	22s26	0n 9	22n13	1n51	20n11	0n 3	2n46	2s 0	34s18	13s21	8n37	9n 1	1s56		n.a.
T 2	0 14	10 11	0 30	12 52	2 40	8 59	0 14	7 40	0 10	22 27	0 9	22 13	1 50	20 12	0 3	2 47	2 0	34 18	13 22	8 37	9 2	1 58		n.a.
W 3	0n 9	6 39	0n36	12 34	2 44	9 29	0 17	7 56	0 11	22 27	0 9	22 13	1 50	20 12	0 3	2 48	2 0	34 18	13 22	8 37	9 3	2 0		n.a.
T 4	0 33	2 52	1 40	12 14	2 47	9 59	0 20	8 12	0 11	22 28	0 9	22 13	1 50	20 13	0 3	2 49	2 0	34 18	13 22	8 38	9 4	2 2		n.a.
F 5	0 56	1s 0	2 39	11 51	2 49	10 29	0 22	8 28	0 12	22 28	0 8	22 14	1 50	20 13	0 3	2 50	2 0	34 19	13 23	8 38	9 6	2 4		n.a.
S 6	1 19	4 49	3 31	11 27	2 51	10 58	0 25	8 44	0 12	22 28	0 8	22 14	1 50	20 14	0 3	2 50	2 0	34 19	13 23	8 40	9 7	2 6		n.a.
S 7	1 43	8 28	4 14	11 1	2 52	11 27	0 28	8 59	0 13	22 28	0 8	22 14	1 50	20 14	0 3	2 51	2 0	34 19	13 23	8 41	9 8	2 8		n.a.
M 8	2 6	11 47	4 47	10 33	2 52	11 56	0 30	9 15	0 13	22 29	0 8	22 14	1 50	20 15	0 3	2 52	2 0	34 19	13 24	8 43	9 9	2 10		n.a.
T 9	2 29	14 39	5 7	10 4	2 52	12 24	0 33	9 31	0 14	22 29	0 8	22 14	1 50	20 16	0 3	2 53	2 0	34 19	13 24	8 45	9 10	2 12		n.a.
W10	2 52	16 55	5 13	9 32	2 51	12 53	0 36	9 46	0 15	22 29	0 8	22 14	1 50	20 16	0 3	2 54	2 0	34 19	13 24	8 46	9 12	2 14		n.a.
T 11	3 15	18 27	5 5	8 59	2 50	13 21	0 38	10 2	0 15	22 29	0 8	22 14	1 49	20 17	0 3	2 55	2 0	34 20	13 25	8 47	9 13	2 16		n.a.
F 12	3 38	19 6	4 43	8 24	2 47	13 48	0 41	10 17	0 16	22 29	0 8	22 14	1 49	20 17	0 3	2 56	2 0	34 20	13 25	8 48	9 14	2 18		n.a.
S 13	4 1	18 47	4 5	7 47	2 45	14 15	0 44	10 32	0 16	22 29	0 7	22 14	1 49	20 18	0 3	2 57	2 0	34 20	13 25	8 48	9 15	2 20		n.a.
S 14	4 24	17 25	3 14	7 9	2 41	14 42	0 46	10 48	0 17	22 30	0 7	22 14	1 49	20 18	0 3	2 58	2 0	34 20	13 26	8 47	9 16	2 22		n.a.
M15	4 47	15 0	2 9	6 29	2 37	15 9	0 49	11 3	0 17	22 30	0 7	22 14	1 49	20 19	0 3	2 58	2 0	34 20	13 26	8 47	9 18	2 24		n.a.
T 16	5 10	11 37	0 55	5 47	2 32	15 35	0 51	11 18	0 18	22 30	0 7	22 13	1 49	20 20	0 3	2 59	2 0	34 21	13 26	8 46	9 19	2 25		n.a.
W17	5 32	7 26	0s24	5 4	2 27	16 1	0 54	11 33	0 19	22 30	0 7	22 13	1 49	20 20	0 3	3 0	2 0	34 21	13 27	8 46	9 20	2 27		n.a.
T 18	5 55	2 41	1 44	4 19	2 22	16 27	0 56	11 48	0 19	22 30	0 7	22 13	1 49	20 21	0 3	3 1	2 0	34 21	13 27	8 47	9 21	2 29		n.a.
F 19	6 17	2n18	2 57	3 33	2 15	16 52	0 59	12 2	0 20	22 30	0 7	22 13	1 49	20 22	0 3	3 2	2 0	34 21	13 27	8 48	9 22	2 31		n.a.
S 20	6 40	7 9	3 58	2 45	2 8	17 16	1 1	12 17	0 20	22 30	0 7	22 13	1 48	20 22	0 3	3 3	2 0	34 22	13 28	8 49	9 24	2 33		n.a.
S 21	7 2	11 30	4 42	1 55	2 1	17 40	1 4	12 32	0 21	22 29	0 6	22 13	1 48	20 23	0 3	3 4	2 0	34 22	13 28	8 52	9 25	2 35		n.a.
M22	7 24	15 2	5 6	1 5	1 53	18 4	1 6	12 46	0 21	22 29	0 6	22 12	1 48	20 24	0 3	3 5	2 0	34 22	13 28	8 54	9 26	2 37		n.a.
T 23	7 46	17 32	5 9	0 13	1 45	18 27	1 9	13 1	0 22	22 29	0 6	22 12	1 48	20 24	0 3	3 6	2 0	34 22	13 29	8 56	9 27	2 39		n.a.
W24	8 8	18 54	4 54	0n40	1 36	18 50	1 11	13 15	0 22	22 29	0 6	22 12	1 48	20 25	0 3	3 6	2 0	34 23	13 29	8 57	9 28	2 41		n.a.
T 25	8 30	19 8	4 22	1 35	1 27	19 13	1 13	13 29	0 23	22 29	0 6	22 11	1 48	20 26	0 3	3 7	2 0	34 23	13 30	8 58	9 30	2 43		n.a.
F 26	8 52	18 19	3 38	2 30	1 17	19 34	1 16	13 43	0 23	22 29	0 6	22 11	1 48	20 26	0 3	3 8	2 0	34 23	13 30	8 59	9 31	2 45		n.a.
S 27	9 14	16 35	2 44	3 27	1 8	19 56	1 18	13 57	0 24	22 28	0 6	22 11	1 48	20 27	0 3	3 9	2 0	34 23	13 30	8 58	9 32	2 47		n.a.
S 28	9 35	14 7	1 44	4 24	0 57	20 17	1 20	14 11	0 24	22 28	0 5	22 10	1 48	20 28	0 3	3 10	2 0	34 24	13 31	8 58	9 33	2 49		n.a.
M29	9 56	11 4	0 40	5 22	0 47	20 37	1 22	14 25	0 25	22 28	0 5	22 10	1 47	20 28	0 3	3 11	2 0	34 24	13 31	8 57	9 34	2 51		n.a.
T 30	10n17	7n36	0n24	6n20	0s37	20n57	1n24	14n38	0n26	22s28	0n 5	22n 9	1n47	20n29	0n 3	3n12	2s 0	34s24	13s31	8n57	9n36	2s53		n.a.

Julian Day Number = 1206876.5, Delta T = 09h16m54s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'51, Lahiri = -23°23'50 Julian Calendar 1 Apr. 1409 BCE == Greg. Calendar 19 March 1409 BCE

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

MAY 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 46 7	27♈ 9'50	23♍43	19♈22	27♉ 9	8♉ 6	11°R22	0♌27	29♉42	12♈33	26♋45	7°R20	5♍37	14♎45	n.a.	W 1
T 2	13 50 4	28° 6'58	5♎32	21°29	28°21	8°46	11♐18	0°29	29°45	12°35	26°45	7♍17	5°34	14°52	n.a.	T 2
F 3	13 54 0	29° 4'05	17°21	23°38	29°33	9°25	11°14	0°31	29°48	12°37	26°45	7°11	5°31	14°58	n.a.	F 3
S 4	13 57 57	0♉ 1'12	29°13	25°48	0♊44	10° 5	11°10	0°33	29°51	12°39	26°45	7° 3	5°28	15° 5	n.a.	S 4
S 5	14 1 53	0°58'18	11♏ 9	27°59	1°56	10°44	11° 6	0°35	29°55	12°41	26°46	6°54	5°24	15°12	n.a.	S 5
M 6	14 5 50	1°55'24	23°11	0♉10	3° 8	11°23	11° 2	0°37	29°58	12°43	26°46	6°44	5°21	15°18	n.a.	M 6
T 7	14 9 47	2°52'29	5♐21	2°21	4°19	12° 2	10°58	0°39	0♊ 1	12°46	26°46	6°34	5°18	15°25	n.a.	T 7
W 8	14 13 43	3°49'34	17°40	4°32	5°31	12°42	10°53	0°41	0° 5	12°48	26°46	6°25	5°15	15°32	n.a.	W 8
T 9	14 17 40	4°46'39	0♑10	6°44	6°42	13°21	10°48	0°43	0° 8	12°50	26°46	6°18	5°12	15°38	n.a.	T 9
F 10	14 21 36	5°43'43	12°53	8°54	7°54	14° 0	10°43	0°46	0°11	12°52	26°R46	6°13	5° 9	15°45	n.a.	F 10
S 11	14 25 33	6°40'48	25°52	11° 4	9° 5	14°39	10°38	0°48	0°15	12°54	26°46	6°11	5° 5	15°52	n.a.	S 11
S 12	14 29 29	7°37'53	9♒10	13°12	10°17	15°18	10°33	0°51	0°18	12°56	26°46	6°D10	5° 2	15°58	n.a.	S 12
M13	14 33 26	8°34'57	22°49	15°20	11°28	15°58	10°28	0°53	0°22	12°58	26°46	6°11	4°59	16° 5	n.a.	M13
T 14	14 37 23	9°32'02	6♓51	17°26	12°39	16°37	10°22	0°56	0°25	13° 0	26°46	6°R11	4°56	16°12	n.a.	T 14
W15	14 41 19	10°29'07	21°16	19°31	13°51	17°16	10°17	0°59	0°29	13° 2	26°45	6°10	4°53	16°18	n.a.	W15
T 16	14 45 16	11°26'11	6♈ 1	21°33	15° 2	17°55	10°11	1° 2	0°32	13° 4	26°45	6° 8	4°49	16°25	n.a.	T 16
F 17	14 49 12	12°23'16	21° 2	23°35	16°13	18°34	10° 5	1° 5	0°36	13° 6	26°45	6° 2	4°46	16°32	n.a.	F 17
S 18	14 53 9	13°20'21	6♉10	25°34	17°24	19°13	9°59	1° 8	0°39	13° 8	26°45	5°54	4°43	16°39	n.a.	S 18
S 19	14 57 5	14°17'26	21°16	27°31	18°35	19°52	9°53	1°12	0°43	13°10	26°45	5°45	4°40	16°45	n.a.	S 19
M20	15 1 2	15°14'31	6♊ 9	29°26	19°46	20°31	9°46	1°15	0°46	13°12	26°45	5°35	4°37	16°52	n.a.	M20
T 21	15 4 58	16°11'36	20°41	1♊20	20°57	21°10	9°40	1°18	0°50	13°14	26°44	5°26	4°34	16°59	n.a.	T 21
W22	15 8 55	17° 8'41	4♋46	3°11	22° 8	21°49	9°33	1°22	0°53	13°16	26°44	5°18	4°30	17° 5	n.a.	W22
T 23	15 12 52	18° 5'45	18°22	5° 1	23°19	22°28	9°27	1°25	0°57	13°18	26°44	5°12	4°27	17°12	n.a.	T 23
F 24	15 16 48	19° 2'50	1♌30	6°48	24°30	23° 7	9°20	1°29	1° 0	13°20	26°43	5° 9	4°24	17°19	n.a.	F 24
S 25	15 20 45	19°59'54	14°12	8°33	25°40	23°46	9°13	1°33	1° 4	13°22	26°43	5° 8	4°21	17°25	n.a.	S 25
S 26	15 24 41	20°56'58	26°34	10°16	26°51	24°24	9° 6	1°37	1° 8	13°24	26°43	5°D 8	4°18	17°32	n.a.	S 26
M27	15 28 38	21°54'02	8♍40	11°57	28° 1	25° 3	8°59	1°40	1°11	13°26	26°42	5°R 8	4°15	17°39	n.a.	M27
T 28	15 32 34	22°51'07	20°35	13°36	29°12	25°42	8°52	1°44	1°15	13°28	26°42	5° 7	4°11	17°45	n.a.	T 28
W29	15 36 31	23°48'11	2♎25	15°13	0♋22	26°21	8°45	1°49	1°18	13°29	26°41	5° 4	4° 8	17°52	n.a.	W29
T 30	15 40 27	24°45'15	14°13	16°48	1°33	27° 0	8°38	1°53	1°22	13°31	26°41	4°59	4° 5	17°59	n.a.	T 30
F 31	15 44 24	25♉42'19	26♎ 4	18♊21	2♋43	27♉38	8♐31	1♌57	1♊26	13♈33	26♋41	4♍51	4♍ 2	18♎ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	10n38	3n52	1n27	7n18	0s26	21n16	1n26	14n52	0n26	22s27	0n 5	22n 9	1n47	20n30	0n 3	3n12	2s 0	34s25	13s32	8n58	9n37	2s55		n.a.	W 1
T 2	10 59	0s 1	2 26	8 17	0 15	21 34	1 28	15 5	0 27	22 27	0 5	22 8	1 47	20 30	0 3	3 13	2 0	34 25	13 32	8 59	9 38	2 57		n.a.	T 2
F 3	11 20	3 53	3 18	9 16	0 4	21 52	1 30	15 19	0 27	22 26	0 5	22 8	1 47	20 31	0 3	3 14	2 0	34 25	13 32	9 1	9 39	2 59		n.a.	F 3
S 4	11 41	7 37	4 2	10 14	0n 6	22 10	1 32	15 32	0 28	22 26	0 5	22 7	1 47	20 32	0 3	3 15	2 0	34 26	13 33	9 4	9 40	3 1		n.a.	S 4
S 5	12 1	11 5	4 35	11 12	0 17	22 27	1 34	15 45	0 28	22 26	0 4	22 7	1 47	20 33	0 3	3 16	2 0	34 26	13 33	9 8	9 41	3 3		n.a.	S 5
M 6	12 21	14 7	4 57	12 9	0 27	22 43	1 36	15 58	0 29	22 25	0 4	22 6	1 47	20 33	0 4	3 17	2 0	34 26	13 33	9 12	9 43	3 5		n.a.	M 6
T 7	12 41	16 34	5 5	13 5	0 37	22 59	1 38	16 11	0 29	22 25	0 4	22 6	1 46	20 34	0 4	3 18	2 0	34 27	13 34	9 16	9 44	3 7		n.a.	T 7
W 8	13 1	18 18	4 59	13 59	0 47	23 14	1 39	16 23	0 30	22 24	0 4	22 5	1 46	20 35	0 4	3 18	2 0	34 27	13 34	9 19	9 45	3 9		n.a.	W 8
T 9	13 20	19 12	4 39	14 53	0 56	23 28	1 41	16 36	0 30	22 24	0 4	22 4	1 46	20 35	0 4	3 19	2 0	34 27	13 35	9 21	9 46	3 11		n.a.	T 9
F 10	13 40	19 9	4 5	15 44	1 5	23 42	1 42	16 48	0 31	22 23	0 4	22 4	1 46	20 36	0 4	3 20	2 0	34 28	13 35	9 23	9 47	3 13		n.a.	F 10
S 11	13 59	18 6	3 18	16 34	1 13	23 55	1 44	17 1	0 31	22 22	0 4	22 3	1 46	20 37	0 4	3 21	2 0	34 28	13 35	9 24	9 49	3 15		n.a.	S 11
S 12	14 18	16 2	2 19	17 21	1 21	24 7	1 45	17 13	0 32	22 22	0 3	22 2	1 46	20 38	0 4	3 22	2 0	34 28	13 36	9 24	9 50	3 17		n.a.	S 12
M13	14 37	13 2	1 11	18 7	1 28	24 19	1 47	17 25	0 32	22 21	0 3	22 2	1 46	20 38	0 4	3 22	2 0	34 29	13 36	9 24	9 51	3 19		n.a.	M13
T 14	14 55	9 12	0s 4	18 50	1 34	24 30	1 48	17 37	0 33	22 21	0 3	22 1	1 46	20 39	0 4	3 23	2 0	34 29	13 36	9 24	9 52	3 21		n.a.	T 14
W15	15 13	4 44	1 20	19 31	1 40	24 40	1 49	17 49	0 33	22 20	0 3	22 0	1 46	20 40	0 4	3 24	2 0	34 29	13 37	9 24	9 53	3 23		n.a.	W15
T 16	15 32	0n 7	2 32	20 9	1 45	24 50	1 50	18 0	0 34	22 19	0 3	21 59	1 45	20 41	0 4	3 25	2 0	34 30	13 37	9 25	9 54	3 25		n.a.	T 16
F 17	15 49	5 2	3 35	20 45	1 50	24 59	1 51	18 12	0 34	22 18	0 3	21 59	1 45	20 41	0 4	3 25	2 0	34 30	13 37	9 27	9 56	3 27		n.a.	F 17
S 18	16 7	9 40	4 23	21 19	1 53	25 7	1 52	18 23	0 35	22 18	0 2	21 58	1 45	20 42	0 4	3 26	2 0	34 31	13 38	9 30	9 57	3 29		n.a.	S 18
S 19	16 24	13 41	4 53	21 50	1 56	25 14	1 53	18 35	0 35	22 17	0 2	21 57	1 45	20 43	0 4	3 27	2 0	34 31	13 38	9 34	9 58	3 31		n.a.	S 19
M20	16 41	16 45	5 3	22 19	1 59	25 21	1 54	18 46	0 36	22 16	0 2	21 56	1 45	20 44	0 4	3 28	2 0	34 31	13 38	9 38	9 59	3 33		n.a.	M20
T 21	16 58	18 40	4 52	22 45	2 0	25 27	1 55	18 57	0 36	22 15	0 2	21 55	1 45	20 44	0 4	3 28	2 0	34 32	13 39	9 41	10 0	3 35		n.a.	T 21
W22	17 15	19 22	4 24	23 9	2 1	25 33	1 56	19 7	0 36	22 15	0 2	21 54	1 45	20 45	0 4	3 29	2 0	34 32	13 39	9 44	10 2	3 37		n.a.	W22
T 23	17 31	18 55	3 42	23 30	2 2	25 37	1 56	19 18	0 37	22 14	0 2	21 53	1 45	20 46	0 4	3 30	2 0	34 32	13 40	9 46	10 3	3 39		n.a.	T 23
F 24	17 47	17 26	2 49	23 49	2 2	25 41	1 57	19 29	0 37	22 13	0 1	21 53	1 45	20 47	0 4	3 31	2 0	34 33	13 40	9 47	10 4	3 41		n.a.	F 24
S 25	18 3	15 7	1 49	24 6	2 1	25 44	1 57	19 39	0 38	22 12	0 1	21 52	1 45	20 47	0 4	3 31	2 0	34 33	13 40	9 48	10 5	3 43		n.a.	S 25
S 26	18 18	12 10	0 45	24 21	1 59	25 47	1 58	19 49	0 38	22 11	0 1	21 51	1 44	20 48	0 4	3 32	2 0	34 34	13 41	9 48	10 6	3 45		n.a.	S 26
M27	18 34	8 45	0n19	24 33	1 57	25 48	1 58	19 59	0 39	22 10	0 1	21 50	1 44	20 49	0 4	3 33	2 0	34 34	13 41	9 48	10 7	3 47		n.a.	M27
T 28	18 48	5 2	1 21	24 43	1 54	25 49	1 58	20 9	0 39	22 9	0 1	21 49	1 44	20 50	0 4	3 33	2 0	34 35	13 41	9 48	10 9	3 49		n.a.	T 28
W29	19 3	1 9	2 19	24 52	1 51	25 50	1 58	20 19	0 40	22 8	0 1	21 48	1 44	20 51	0 4	3 34	2 0	34 35	13 42	9 49	10 10	3 51		n.a.	W29
T 30	19 17	2s46	3 11	24 58	1 47	25 49	1 58	20 29	0 40	22 7	0 1	21 47	1 44	20 51	0 4	3 35	2 1	34 35	13 42	9 51	10 11	3 53		n.a.	T 30
F 31	19n31	6s36	3n55	25n 2	1n43	25n48	1n58	20n38	0n41	22s 6	0n 0	21n46	1n44	20n52	0n 4	3n35	2s 1	34s36	13s42	9n54	10n12	3s55		n.a.	F 31

Julian Day Number = 1206906.5, Delta T = 09h16m52s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'47, Lahiri = -23°23'46 Julian Calendar 1 May 1409 BCE == Greg. Calendar 18 Apr. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

JUNE 1409 BCE (-1408) JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 48 21	26♉39'24	8♏ 1	19♊51	3♋53	28♉17	8°R23	2♌ 1	1♊29	13♈35	26°R40	4°R41	3♍59	18♎12	n.a.	S 1
S 2	15 52 17	27°36'29	20° 5	21°20	5° 3	28°56	8♐16	2° 6	1°33	13°36	26♑40	4♍28	3°55	18°19	n.a.	S 2
M 3	15 56 14	28°33'35	2♐18	22°46	6°14	29°34	8° 8	2°10	1°37	13°38	26°39	4°15	3°52	18°25	n.a.	M 3
T 4	16 0 10	29°30'41	14°41	24°10	7°24	0♊13	8° 1	2°15	1°40	13°40	26°38	4° 2	3°49	18°32	n.a.	T 4
W 5	16 4 7	0♊27'48	27°14	25°32	8°33	0°52	7°53	2°19	1°44	13°42	26°38	3°50	3°46	18°39	n.a.	W 5
T 6	16 8 3	1°24'55	9♑57	26°52	9°43	1°30	7°45	2°24	1°48	13°43	26°37	3°41	3°43	18°46	n.a.	T 6
F 7	16 12 0	2°22'03	22°52	28° 9	10°53	2° 9	7°38	2°29	1°51	13°45	26°37	3°34	3°40	18°52	n.a.	F 7
S 8	16 15 57	3°19'13	6♒ 0	29°24	12° 3	2°48	7°30	2°33	1°55	13°46	26°36	3°30	3°36	18°59	n.a.	S 8
S 9	16 19 53	4°16'22	19°21	0♋37	13°12	3°26	7°22	2°38	1°59	13°48	26°35	3°29	3°33	19° 6	n.a.	S 9
M10	16 23 50	5°13'33	2♓59	1°47	14°22	4° 5	7°15	2°43	2° 2	13°50	26°35	3°28	3°30	19°12	n.a.	M10
T 11	16 27 46	6°10'45	16°53	2°55	15°31	4°43	7° 7	2°48	2° 6	13°51	26°34	3°28	3°27	19°19	n.a.	T 11
W12	16 31 43	7° 7'58	1♈ 5	4° 0	16°41	5°22	6°59	2°53	2° 9	13°53	26°33	3°27	3°24	19°26	n.a.	W12
T 13	16 35 39	8° 5'12	15°34	5° 3	17°50	6° 1	6°51	2°58	2°13	13°54	26°32	3°24	3°20	19°32	n.a.	T 13
F 14	16 39 36	9° 2'27	0♉15	6° 2	18°59	6°39	6°44	3° 4	2°17	13°56	26°32	3°18	3°17	19°39	n.a.	F 14
S 15	16 43 32	9°59'44	15° 5	6°59	20° 8	7°18	6°36	3° 9	2°20	13°57	26°31	3° 9	3°14	19°46	n.a.	S 15
S 16	16 47 29	10°57'01	29°53	7°52	21°18	7°56	6°28	3°14	2°24	13°58	26°30	2°59	3°11	19°52	n.a.	S 16
M17	16 51 26	11°54'19	14♊34	8°43	22°26	8°35	6°20	3°20	2°28	14° 0	26°29	2°47	3° 8	19°59	n.a.	M17
T 18	16 55 22	12°51'39	28°57	9°30	23°35	9°13	6°13	3°25	2°31	14° 1	26°28	2°37	3° 5	20° 6	n.a.	T 18
W19	16 59 19	13°48'59	12♋58	10°13	24°44	9°52	6° 5	3°31	2°35	14° 2	26°28	2°28	3° 1	20°12	n.a.	W19
T 20	17 3 15	14°46'20	26°33	10°53	25°53	10°30	5°58	3°36	2°38	14° 4	26°27	2°21	2°58	20°19	n.a.	T 20
F 21	17 7 12	15°43'42	9♌42	11°29	27° 1	11° 8	5°50	3°42	2°42	14° 5	26°26	2°17	2°55	20°26	n.a.	F 21
S 22	17 11 8	16°41'04	22°26	12° 1	28°10	11°47	5°43	3°48	2°46	14° 6	26°25	2°15	2°52	20°33	n.a.	S 22
S 23	17 15 5	17°38'28	4♍49	12°29	29°18	12°25	5°35	3°53	2°49	14° 8	26°24	2°D15	2°49	20°39	n.a.	S 23
M24	17 19 2	18°35'52	16°56	12°52	0♌26	13° 4	5°28	3°59	2°53	14° 9	26°23	2°R15	2°46	20°46	n.a.	M24
T 25	17 22 58	19°33'17	28°52	13°11	1°35	13°42	5°20	4° 5	2°56	14°10	26°22	2°15	2°42	20°53	n.a.	T 25
W26	17 26 55	20°30'43	10♎43	13°25	2°43	14°20	5°13	4°11	3° 0	14°11	26°21	2°13	2°39	20°59	n.a.	W26
T 27	17 30 51	21°28'10	22°33	13°34	3°50	14°59	5° 6	4°17	3° 3	14°12	26°20	2° 9	2°36	21° 6	n.a.	T 27
F 28	17 34 48	22°25'39	4♏28	13°R38	4°58	15°37	4°59	4°23	3° 7	14°13	26°19	2° 2	2°33	21°13	n.a.	F 28
S 29	17 38 44	23°23'08	16°30	13°37	6° 6	16°15	4°52	4°29	3°10	14°14	26°18	1°53	2°30	21°19	n.a.	S 29
S 30	17 42 41	24♊20'38	28♏42	13♋30	7♌13	16♊54	4♐45	4♌35	3♊14	14♈15	26♑17	1♍43	2♍26	21♎26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n45	10s11	4n29	25n 5	1n38	25n46	1n58	20n48	0n41	22s 5	0n 0	21n44	1n44	20n53	0n 4	3n36	2s 1	34s36	13s43	9n58	10n13	3s57		n.a.
S 2	19 58	13 24	4 51	25 6	1 32	25 43	1 58	20 57	0 42	22 4	0 0	21 43	1 44	20 54	0 4	3 37	2 1	34 37	13 43	10 2	10 14	3 59		n.a.
M 3	20 11	16 5	5 0	25 5	1 26	25 40	1 57	21 6	0 42	22 3	0s 0	21 42	1 44	20 54	0 4	3 37	2 1	34 37	13 43	10 7	10 16	4 1		n.a.
T 4	20 24	18 4	4 55	25 3	1 20	25 35	1 57	21 15	0 42	22 2	0 0	21 41	1 44	20 55	0 4	3 38	2 1	34 37	13 43	10 12	10 17	4 3		n.a.
W 5	20 36	19 14	4 36	24 59	1 13	25 30	1 56	21 23	0 43	22 1	0 0	21 40	1 43	20 56	0 4	3 39	2 1	34 38	13 44	10 16	10 18	4 5		n.a.
T 6	20 48	19 26	4 3	24 54	1 5	25 25	1 55	21 32	0 43	22 0	0 1	21 39	1 43	20 57	0 4	3 39	2 1	34 38	13 44	10 20	10 19	4 7		n.a.
F 7	21 0	18 39	3 17	24 48	0 57	25 19	1 55	21 40	0 44	21 59	0 1	21 38	1 43	20 57	0 4	3 40	2 1	34 39	13 44	10 22	10 20	4 8		n.a.
S 8	21 11	16 51	2 20	24 40	0 49	25 11	1 54	21 48	0 44	21 58	0 1	21 36	1 43	20 58	0 4	3 40	2 1	34 39	13 45	10 24	10 22	4 10		n.a.
S 9	21 22	14 6	1 14	24 31	0 40	25 4	1 53	21 56	0 45	21 56	0 1	21 35	1 43	20 59	0 4	3 41	2 1	34 40	13 45	10 24	10 23	4 12		n.a.
M10	21 33	10 33	0 3	24 21	0 31	24 55	1 52	22 4	0 45	21 55	0 1	21 34	1 43	21 0	0 4	3 42	2 1	34 40	13 45	10 24	10 24	4 14		n.a.
T 11	21 43	6 21	1s10	24 10	0 21	24 46	1 51	22 12	0 45	21 54	0 1	21 33	1 43	21 0	0 4	3 42	2 1	34 41	13 46	10 25	10 25	4 16		n.a.
W12	21 53	1 42	2 20	23 59	0 11	24 36	1 49	22 19	0 46	21 53	0 2	21 31	1 43	21 1	0 4	3 43	2 1	34 41	13 46	10 25	10 26	4 18		n.a.
T 13	22 2	3n 7	3 23	23 46	0 0	24 26	1 48	22 27	0 46	21 52	0 2	21 30	1 43	21 2	0 4	3 43	2 1	34 41	13 46	10 26	10 27	4 20		n.a.
F 14	22 12	7 49	4 13	23 33	0s10	24 15	1 47	22 34	0 47	21 51	0 2	21 29	1 43	21 3	0 4	3 44	2 1	34 42	13 46	10 28	10 29	4 22		n.a.
S 15	22 20	12 5	4 46	23 19	0 22	24 3	1 45	22 41	0 47	21 50	0 2	21 27	1 43	21 3	0 4	3 44	2 1	34 42	13 47	10 32	10 30	4 24		n.a.
S 16	22 29	15 35	5 0	23 4	0 33	23 51	1 43	22 48	0 48	21 48	0 2	21 26	1 43	21 4	0 4	3 45	2 1	34 43	13 47	10 35	10 31	4 26		n.a.
M17	22 37	18 4	4 55	22 49	0 45	23 37	1 42	22 55	0 48	21 47	0 2	21 25	1 43	21 5	0 4	3 45	2 1	34 43	13 47	10 39	10 32	4 28		n.a.
T 18	22 44	19 21	4 30	22 34	0 57	23 24	1 40	23 1	0 48	21 46	0 3	21 23	1 42	21 6	0 4	3 46	2 1	34 44	13 48	10 43	10 33	4 30		n.a.
W19	22 51	19 24	3 50	22 18	1 9	23 9	1 38	23 7	0 49	21 45	0 3	21 22	1 42	21 6	0 4	3 46	2 1	34 44	13 48	10 47	10 34	4 32		n.a.
T 20	22 58	18 19	2 57	22 3	1 22	22 54	1 36	23 13	0 49	21 44	0 3	21 21	1 42	21 7	0 4	3 47	2 2	34 44	13 48	10 49	10 36	4 34		n.a.
F 21	23 5	16 16	1 57	21 47	1 35	22 39	1 34	23 19	0 50	21 42	0 3	21 19	1 42	21 8	0 4	3 47	2 2	34 45	13 48	10 51	10 37	4 36		n.a.
S 22	23 11	13 28	0 52	21 31	1 48	22 23	1 31	23 25	0 50	21 41	0 3	21 18	1 42	21 8	0 4	3 48	2 2	34 45	13 49	10 51	10 38	4 38		n.a.
S 23	23 16	10 7	0n14	21 16	2 1	22 6	1 29	23 31	0 50	21 40	0 3	21 16	1 42	21 9	0 4	3 48	2 2	34 46	13 49	10 51	10 39	4 40		n.a.
M24	23 22	6 26	1 17	21 0	2 14	21 49	1 26	23 36	0 51	21 39	0 4	21 15	1 42	21 10	0 4	3 48	2 2	34 46	13 49	10 51	10 40	4 42		n.a.
T 25	23 26	2 32	2 17	20 45	2 27	21 31	1 24	23 42	0 51	21 38	0 4	21 13	1 42	21 11	0 4	3 49	2 2	34 47	13 49	10 51	10 41	4 44		n.a.
W26	23 31	1s25	3 9	20 31	2 40	21 13	1 21	23 47	0 52	21 37	0 4	21 12	1 42	21 11	0 4	3 49	2 2	34 47	13 50	10 52	10 42	4 46		n.a.
T 27	23 35	5 19	3 54	20 17	2 53	20 54	1 18	23 51	0 52	21 35	0 4	21 10	1 42	21 12	0 4	3 50	2 2	34 48	13 50	10 54	10 44	4 48		n.a.
F 28	23 38	9 1	4 29	20 5	3 5	20 35	1 16	23 56	0 52	21 34	0 4	21 9	1 42	21 13	0 4	3 50	2 2	34 48	13 50	10 56	10 45	4 50		n.a.
S 29	23 41	12 24	4 52	19 52	3 17	20 15	1 13	24 1	0 53	21 33	0 4	21 7	1 42	21 13	0 4	3 50	2 2	34 48	13 50	10 59	10 46	4 52		n.a.
S 30	23n44	15s18	5n 2	19n41	3s29	19n54	1n 9	24n 5	0n53	21s32	0s 5	21n 6	1n42	21n14	0n 4	3n51	2s 2	34s49	13s51	11n 3	10n47	4s54		n.a.

Julian Day Number = 1206937.5, Delta T = 09h16m50s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'43, Lahiri = -23°23'42 Julian Calendar 1 June 1409 BCE == Greg. Calendar 19 May 1409 BCE

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

JULY 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 46 37	25♊18'10	11♐ 7	13°R18	8♌21	17♊32	4°R38	4♌41	3♊17	14♈16	26°R16	1°R31	2♍23	21♎33	n.a.	M 1
T 2	17 50 34	26°15'43	23°44	13♋ 1	9°28	18°10	4♐31	4°48	3°21	14°17	26♑15	1♍20	2°20	21°39	n.a.	T 2
W 3	17 54 31	27°13'18	6♑35	12°38	10°35	18°49	4°25	4°54	3°24	14°18	26°14	1°10	2°17	21°46	n.a.	W 3
T 4	17 58 27	28°10'53	19°38	12°10	11°42	19°27	4°18	5° 0	3°27	14°19	26°13	1° 1	2°14	21°53	n.a.	T 4
F 5	18 2 24	29° 8'31	2♒53	11°36	12°49	20° 5	4°12	5° 7	3°31	14°20	26°12	0°56	2°11	21°59	n.a.	F 5
S 6	18 6 20	0♋ 6'10	16°18	10°58	13°55	20°43	4° 6	5°13	3°34	14°21	26°11	0°53	2° 7	22° 6	n.a.	S 6
S 7	18 10 17	1° 3'51	29°54	10°16	15° 2	21°22	4° 0	5°19	3°38	14°22	26°10	0°D52	2° 4	22°13	n.a.	S 7
M 8	18 14 13	2° 1'33	13♓40	9°30	16° 8	22° 0	3°54	5°26	3°41	14°22	26° 9	0°52	2° 1	22°20	n.a.	M 8
T 9	18 18 10	2°59'17	27°36	8°42	17°14	22°38	3°48	5°32	3°44	14°23	26° 7	0°R53	1°58	22°26	n.a.	T 9
W10	18 22 6	3°57'04	11♈43	7°51	18°20	23°16	3°42	5°39	3°48	14°24	26° 6	0°53	1°55	22°33	n.a.	W10
T 11	18 26 3	4°54'52	25°58	6°58	19°26	23°55	3°36	5°46	3°51	14°25	26° 5	0°51	1°52	22°40	n.a.	T 11
F 12	18 30 0	5°52'42	10♉20	6° 6	20°32	24°33	3°31	5°52	3°54	14°25	26° 4	0°47	1°48	22°46	n.a.	F 12
S 13	18 33 56	6°50'34	24°45	5°14	21°37	25°11	3°25	5°59	3°57	14°26	26° 3	0°41	1°45	22°53	n.a.	S 13
S 14	18 37 53	7°48'28	9♊ 9	4°24	22°43	25°49	3°20	6° 6	4° 0	14°26	26° 2	0°33	1°42	23° 0	n.a.	S 14
M15	18 41 49	8°46'23	23°25	3°37	23°48	26°28	3°15	6°12	4° 4	14°27	26° 0	0°25	1°39	23° 6	n.a.	M15
T 16	18 45 46	9°44'21	7♋28	2°54	24°53	27° 6	3°10	6°19	4° 7	14°27	25°59	0°17	1°36	23°13	n.a.	T 16
W17	18 49 42	10°42'20	21°13	2°16	25°58	27°44	3° 6	6°26	4°10	14°28	25°58	0°10	1°32	23°20	n.a.	W17
T 18	18 53 39	11°40'22	4♌38	1°44	27° 2	28°22	3° 1	6°33	4°13	14°28	25°57	0° 5	1°29	23°27	n.a.	T 18
F 19	18 57 35	12°38'24	17°40	1°18	28° 7	29° 0	2°57	6°40	4°16	14°29	25°56	0° 2	1°26	23°33	n.a.	F 19
S 20	19 1 32	13°36'28	0♍22	0°59	29°11	29°38	2°53	6°47	4°19	14°29	25°54	0°D 2	1°23	23°40	n.a.	S 20
S 21	19 5 29	14°34'34	12°44	0°48	0♍15	0♋17	2°48	6°54	4°22	14°30	25°53	0° 2	1°20	23°47	n.a.	S 21
M22	19 9 25	15°32'42	24°52	0°D45	1°19	0°55	2°45	7° 1	4°25	14°30	25°52	0° 4	1°17	23°53	n.a.	M22
T 23	19 13 22	16°30'51	6♎50	0°50	2°22	1°33	2°41	7° 8	4°28	14°30	25°51	0° 5	1°13	24° 0	n.a.	T 23
W24	19 17 18	17°29'01	18°42	1° 4	3°25	2°11	2°37	7°15	4°31	14°30	25°49	0°R 5	1°10	24° 7	n.a.	W24
T 25	19 21 15	18°27'14	0♏33	1°26	4°28	2°49	2°34	7°22	4°34	14°31	25°48	0° 4	1° 7	24°13	n.a.	T 25
F 26	19 25 11	19°25'28	12°29	1°57	5°31	3°27	2°31	7°29	4°37	14°31	25°47	0° 2	1° 4	24°20	n.a.	F 26
S 27	19 29 8	20°23'44	24°35	2°36	6°33	4° 5	2°28	7°36	4°39	14°31	25°46	29♌58	1° 1	24°27	n.a.	S 27
S 28	19 33 4	21°22'01	6♐52	3°23	7°36	4°44	2°25	7°43	4°42	14°31	25°44	29°52	0°58	24°33	n.a.	S 28
M29	19 37 1	22°20'20	19°26	4°18	8°38	5°22	2°22	7°50	4°45	14°31	25°43	29°46	0°54	24°40	n.a.	M29
T 30	19 40 57	23°18'42	2♑16	5°20	9°39	6° 0	2°20	7°57	4°48	14°31	25°42	29°39	0°51	24°47	n.a.	T 30
W31	19 44 54	24♋17'05	15♑23	6♋29	10♍40	6♋38	2♐18	8♌ 4	4♊50	14°R31	25♑41	29♌34	0♍48	24♎54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n46	17s35	4n58	19n31	3s40	19n34	1n 6	24n 9	0n54	21s31	0s 5	21n 4	1n42	21n15	0n 4	3n51	2s 2	34s49	13s51	11n 7	10n48	4s56			n.a.
T 2	23 48	19 3	4 40	19 23	3 51	19 12	1 3	24 13	0 54	21 30	0 5	21 3	1 42	21 15	0 4	3 51	2 2	34 50	13 51	11 11	10 49	4 58			n.a.
W 3	23 50	19 34	4 7	19 15	4 1	18 51	1 0	24 17	0 54	21 29	0 5	21 1	1 42	21 16	0 4	3 52	2 2	34 50	13 51	11 15	10 51	5 0			n.a.
T 4	23 51	19 4	3 21	19 9	4 9	18 28	0 56	24 20	0 55	21 28	0 5	20 59	1 42	21 17	0 4	3 52	2 2	34 51	13 51	11 18	10 52	5 2			n.a.
F 5	23 51	17 32	2 24	19 4	4 17	18 6	0 52	24 24	0 55	21 27	0 5	20 58	1 42	21 17	0 4	3 52	2 2	34 51	13 52	11 20	10 53	5 4			n.a.
S 6	23 51	15 0	1 17	19 1	4 23	17 43	0 49	24 27	0 56	21 26	0 6	20 56	1 42	21 18	0 4	3 52	2 3	34 51	13 52	11 21	10 54	5 6			n.a.
S 7	23 51	11 37	0 5	19 0	4 28	17 19	0 45	24 30	0 56	21 25	0 6	20 55	1 42	21 19	0 4	3 53	2 3	34 52	13 52	11 21	10 55	5 8			n.a.
M 8	23 51	7 34	1s 8	19 0	4 31	16 56	0 41	24 33	0 56	21 24	0 6	20 53	1 42	21 19	0 4	3 53	2 3	34 52	13 52	11 21	10 56	5 10			n.a.
T 9	23 49	3 4	2 18	19 2	4 33	16 31	0 37	24 36	0 57	21 23	0 6	20 51	1 42	21 20	0 4	3 53	2 3	34 53	13 52	11 21	10 58	5 12			n.a.
W10	23 48	1n38	3 21	19 5	4 33	16 7	0 33	24 38	0 57	21 22	0 6	20 50	1 41	21 21	0 4	3 53	2 3	34 53	13 52	11 21	10 59	5 14			n.a.
T 11	23 46	6 18	4 12	19 10	4 30	15 42	0 29	24 40	0 57	21 21	0 6	20 48	1 41	21 21	0 4	3 54	2 3	34 53	13 53	11 22	11 0	5 16			n.a.
F 12	23 43	10 38	4 47	19 17	4 26	15 17	0 24	24 42	0 58	21 20	0 6	20 46	1 41	21 22	0 4	3 54	2 3	34 54	13 53	11 23	11 1	5 18			n.a.
S 13	23 41	14 22	5 4	19 25	4 20	14 51	0 20	24 44	0 58	21 19	0 7	20 44	1 41	21 23	0 4	3 54	2 3	34 54	13 53	11 25	11 2	5 20			n.a.
S 14	23 37	17 13	5 3	19 35	4 13	14 26	0 15	24 46	0 59	21 18	0 7	20 43	1 41	21 23	0 4	3 54	2 3	34 55	13 53	11 28	11 3	5 22			n.a.
M15	23 34	19 0	4 42	19 46	4 3	13 59	0 11	24 47	0 59	21 17	0 7	20 41	1 41	21 24	0 4	3 54	2 3	34 55	13 53	11 31	11 4	5 24			n.a.
T 16	23 30	19 34	4 5	19 58	3 52	13 33	0 6	24 49	0 59	21 16	0 7	20 39	1 41	21 24	0 4	3 54	2 3	34 55	13 53	11 34	11 6	5 26			n.a.
W17	23 25	18 58	3 13	20 11	3 39	13 6	0 1	24 50	1 0	21 16	0 7	20 37	1 41	21 25	0 4	3 55	2 3	34 56	13 53	11 37	11 7	5 28			n.a.
T 18	23 20	17 18	2 13	20 26	3 25	12 39	0s 4	24 51	1 0	21 15	0 7	20 36	1 41	21 26	0 4	3 55	2 3	34 56	13 54	11 38	11 8	5 30			n.a.
F 19	23 15	14 45	1 6	20 41	3 10	12 12	0 9	24 52	1 0	21 14	0 7	20 34	1 41	21 26	0 4	3 55	2 3	34 56	13 54	11 39	11 9	5 32			n.a.
S 20	23 9	11 34	0n 2	20 57	2 54	11 45	0 14	24 52	1 1	21 13	0 8	20 32	1 41	21 27	0 4	3 55	2 3	34 57	13 54	11 40	11 10	5 34			n.a.
S 21	23 3	7 56	1 8	21 14	2 37	11 17	0 19	24 53	1 1	21 13	0 8	20 30	1 41	21 27	0 4	3 55	2 4	34 57	13 54	11 39	11 11	5 36			n.a.
M22	22 56	4 4	2 10	21 31	2 20	10 50	0 24	24 53	1 1	21 12	0 8	20 29	1 41	21 28	0 4	3 55	2 4	34 58	13 54	11 39	11 13	5 38			n.a.
T 23	22 49	0 5	3 6	21 49	2 2	10 22	0 29	24 53	1 2	21 12	0 8	20 27	1 41	21 29	0 4	3 55	2 4	34 58	13 54	11 38	11 14	5 40			n.a.
W24	22 42	3s52	3 53	22 6	1 45	9 53	0 35	24 52	1 2	21 11	0 8	20 25	1 41	21 29	0 4	3 55	2 4	34 58	13 54	11 38	11 15	5 42			n.a.
T 25	22 34	7 39	4 30	22 24	1 27	9 25	0 40	24 52	1 2	21 10	0 8	20 23	1 41	21 30	0 4	3 55	2 4	34 59	13 54	11 38	11 16	5 44			n.a.
F 26	22 25	11 10	4 56	22 41	1 10	8 57	0 46	24 51	1 3	21 10	0 8	20 21	1 41	21 30	0 4	3 55	2 4	34 59	13 54	11 39	11 17	5 46			n.a.
S 27	22 17	14 15	5 9	22 57	0 53	8 28	0 51	24 51	1 3	21 9	0 9	20 19	1 41	21 31	0 4	3 55	2 4	34 59	13 54	11 41	11 18	5 48			n.a.
S 28	22 8	16 47	5 8	23 12	0 36	7 59	0 57	24 50	1 3	21 9	0 9	20 18	1 41	21 31	0 4	3 55	2 4	35 0	13 54	11 43	11 19	5 50			n.a.
M29	21 58	18 34	4 52	23 27	0 21	7 31	1 3	24 49	1 4	21 9	0 9	20 16	1 41	21 32	0 4	3 55	2 4	35 0	13 54	11 45	11 21	5 52			n.a.
T 30	21 48	19 28	4 22	23 39	0 5	7 2	1 9	24 47	1 4	21 8	0 9	20 14	1 41	21 32	0 4	3 55	2 4	35 0	13 55	11 47	11 22	5 54			n.a.
W31	21n38	19s21	3n37	23n51	0n 9	6n33	1s15	24n46	1n 4	21s 8	0s 9	20n12	1n41	21n33	0n 4	3n55	2s 4	35s 0	13s55	11n49	11n23	5s56			n.a.

Julian Day Number = 1206967.5, Delta T = 09h16m49s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'39, Lahiri = -23°23'38 Julian Calendar 1 July 1409 BCE == Greg. Calendar 18 June 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

AUGUST 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 48 51	25♋15'30	28♉47	7♋44	11♍41	7♋16	2°R16	8♌12	4♊53	14°R31	25°R39	29°R29	0♍45	25♎ 0	n.a.	T 1
F 2	19 52 47	26°13'57	12♒26	9° 5	12°42	7°54	2♐14	8°19	4°56	14♈31	25♉38	29♌26	0°42	25° 7	n.a.	F 2
S 3	19 56 44	27°12'26	26°17	10°31	13°42	8°32	2°12	8°26	4°58	14°31	25°37	29°D25	0°38	25°14	n.a.	S 3
S 4	20 0 40	28°10'57	10♓16	12° 2	14°42	9°10	2°11	8°33	5° 1	14°31	25°36	29°26	0°35	25°20	n.a.	S 4
M 5	20 4 37	29° 9'30	24°22	13°37	15°42	9°48	2° 9	8°40	5° 3	14°31	25°34	29°27	0°32	25°27	n.a.	M 5
T 6	20 8 33	0♌ 8'06	8♈33	15°16	16°41	10°26	2° 8	8°48	5° 6	14°31	25°33	29°28	0°29	25°34	n.a.	T 6
W 7	20 12 30	1° 6'45	22°45	16°58	17°40	11° 4	2° 7	8°55	5° 8	14°31	25°32	29°30	0°26	25°40	n.a.	W 7
T 8	20 16 26	2° 5'25	6♉56	18°42	18°39	11°42	2° 7	9° 2	5°10	14°30	25°31	29°R30	0°23	25°47	n.a.	T 8
F 9	20 20 23	3° 4'08	21° 5	20°28	19°37	12°21	2° 6	9°10	5°13	14°30	25°29	29°29	0°19	25°54	n.a.	F 9
S 10	20 24 20	4° 2'54	5♊10	22°16	20°34	12°59	2° 6	9°17	5°15	14°30	25°28	29°26	0°16	26° 1	n.a.	S 10
S 11	20 28 16	5° 1'42	19° 8	24° 5	21°32	13°37	2°D 6	9°24	5°17	14°29	25°27	29°23	0°13	26° 7	n.a.	S 11
M12	20 32 13	6° 0'33	2♋56	25°55	22°28	14°15	2° 6	9°31	5°19	14°29	25°26	29°20	0°10	26°14	n.a.	M12
T 13	20 36 9	6°59'25	16°32	27°46	23°25	14°53	2° 6	9°39	5°22	14°29	25°24	29°16	0° 7	26°21	n.a.	T 13
W14	20 40 6	7°58'20	29°54	29°37	24°21	15°31	2° 6	9°46	5°24	14°28	25°23	29°14	0° 4	26°27	n.a.	W14
T 15	20 44 2	8°57'17	12♌59	1♌28	25°16	16° 9	2° 7	9°53	5°26	14°28	25°22	29°12	0° 0	26°34	n.a.	T 15
F 16	20 47 59	9°56'17	25°48	3°19	26°11	16°47	2° 8	10° 1	5°28	14°27	25°21	29°D11	29♌57	26°41	n.a.	F 16
S 17	20 51 55	10°55'18	8♍21	5°10	27° 5	17°25	2° 9	10° 8	5°30	14°27	25°20	29°11	29°54	26°47	n.a.	S 17
S 18	20 55 52	11°54'21	20°40	7° 0	27°59	18° 3	2°10	10°15	5°32	14°26	25°18	29°12	29°51	26°54	n.a.	S 18
M19	20 59 48	12°53'27	2♎45	8°50	28°52	18°41	2°12	10°23	5°34	14°25	25°17	29°14	29°48	27° 1	n.a.	M19
T 20	21 3 45	13°52'34	14°42	10°39	29°45	19°19	2°13	10°30	5°36	14°25	25°16	29°15	29°44	27° 8	n.a.	T 20
W21	21 7 42	14°51'43	26°34	12°27	0♏37	19°57	2°15	10°37	5°37	14°24	25°15	29°16	29°41	27°14	n.a.	W21
T 22	21 11 38	15°50'55	8♏26	14°15	1°28	20°35	2°17	10°45	5°39	14°23	25°14	29°17	29°38	27°21	n.a.	T 22
F 23	21 15 35	16°50'08	20°21	16° 2	2°19	21°13	2°19	10°52	5°41	14°23	25°12	29°R17	29°35	27°28	n.a.	F 23
S 24	21 19 31	17°49'23	2♐26	17°49	3° 9	21°51	2°22	10°59	5°43	14°22	25°11	29°17	29°32	27°34	n.a.	S 24
S 25	21 23 28	18°48'40	14°44	19°34	3°58	22°29	2°24	11° 6	5°44	14°21	25°10	29°16	29°29	27°41	n.a.	S 25
M26	21 27 24	19°47'59	27°19	21°19	4°47	23° 7	2°27	11°14	5°46	14°20	25° 9	29°15	29°25	27°48	n.a.	M26
T 27	21 31 21	20°47'21	10♑15	23° 3	5°34	23°45	2°30	11°21	5°47	14°20	25° 8	29°13	29°22	27°54	n.a.	T 27
W28	21 35 17	21°46'44	23°32	24°46	6°21	24°23	2°33	11°28	5°49	14°19	25° 7	29°12	29°19	28° 1	n.a.	W28
T 29	21 39 14	22°46'09	7♒11	26°28	7° 7	25° 1	2°37	11°35	5°50	14°18	25° 6	29°12	29°16	28° 8	n.a.	T 29
F 30	21 43 10	23°45'36	21°11	28°10	7°52	25°39	2°40	11°43	5°52	14°17	25° 5	29°11	29°13	28°15	n.a.	F 30
S 31	21 47 7	24♌45'05	5♓27	29♌51	8♎36	26♋17	2♐44	11♌50	5♊53	14♈16	25♉ 4	29°D11	29♌ 9	28♎21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n27	18s10	2n39	24n 0	0n22	6n 4	1s21	24n44	1n 5	21s 8	0s 9	20n10	1n41	21n33	0n 4	3n55	2s 4	35s 1	13s55	11n51	11n24	5s58			n.a.
F 2	21 16	15 54	1 32	24 7	0 35	5 35	1 27	24 42	1 5	21 7	0 9	20 8	1 42	21 34	0 4	3 55	2 4	35 1	13 55	11 52	11 25	6 0			n.a.
S 3	21 5	12 42	0 17	24 12	0 46	5 6	1 33	24 40	1 5	21 7	0 9	20 6	1 42	21 34	0 4	3 55	2 4	35 1	13 55	11 52	11 26	6 2			n.a.
S 4	20 53	8 45	0s59	24 15	0 57	4 36	1 39	24 38	1 6	21 7	0 10	20 4	1 42	21 35	0 4	3 55	2 4	35 2	13 55	11 52	11 27	6 4			n.a.
M 5	20 41	4 18	2 12	24 15	1 6	4 7	1 45	24 35	1 6	21 7	0 10	20 2	1 42	21 35	0 4	3 55	2 5	35 2	13 55	11 52	11 29	6 6			n.a.
T 6	20 29	0n25	3 18	24 13	1 15	3 38	1 52	24 33	1 6	21 7	0 10	20 0	1 42	21 36	0 4	3 54	2 5	35 2	13 55	11 51	11 30	6 8			n.a.
W 7	20 16	5 6	4 12	24 8	1 23	3 9	1 58	24 30	1 7	21 7	0 10	19 59	1 42	21 36	0 4	3 54	2 5	35 2	13 55	11 51	11 31	6 10			n.a.
T 8	20 2	9 30	4 50	24 0	1 29	2 40	2 4	24 27	1 7	21 7	0 10	19 57	1 42	21 37	0 4	3 54	2 5	35 3	13 55	11 51	11 32	6 12			n.a.
F 9	19 49	13 21	5 11	23 50	1 35	2 11	2 11	24 24	1 7	21 7	0 10	19 55	1 42	21 37	0 5	3 54	2 5	35 3	13 55	11 51	11 33	6 13			n.a.
S 10	19 35	16 25	5 12	23 37	1 39	1 42	2 18	24 20	1 8	21 7	0 10	19 53	1 42	21 37	0 5	3 54	2 5	35 3	13 55	11 52	11 34	6 15			n.a.
S 11	19 21	18 30	4 56	23 22	1 43	1 13	2 24	24 17	1 8	21 7	0 10	19 51	1 42	21 38	0 5	3 54	2 5	35 3	13 55	11 53	11 35	6 17			n.a.
M12	19 6	19 28	4 22	23 4	1 46	0 44	2 31	24 13	1 8	21 7	0 11	19 49	1 42	21 38	0 5	3 53	2 5	35 4	13 55	11 54	11 37	6 19			n.a.
T 13	18 51	19 17	3 34	22 44	1 48	0 15	2 37	24 9	1 9	21 7	0 11	19 47	1 42	21 39	0 5	3 53	2 5	35 4	13 55	11 56	11 38	6 21			n.a.
W14	18 36	18 1	2 35	22 23	1 50	0s13	2 44	24 5	1 9	21 7	0 11	19 45	1 42	21 39	0 5	3 53	2 5	35 4	13 55	11 57	11 39	6 23			n.a.
T 15	18 20	15 48	1 28	21 59	1 51	0 42	2 51	24 0	1 9	21 8	0 11	19 43	1 42	21 40	0 5	3 53	2 5	35 4	13 55	11 57	11 40	6 25			n.a.
F 16	18 4	12 51	0 19	21 33	1 51	1 10	2 58	23 56	1 10	21 8	0 11	19 41	1 42	21 40	0 5	3 52	2 5	35 5	13 54	11 57	11 41	6 27			n.a.
S 17	17 48	9 21	0n50	21 5	1 50	1 38	3 5	23 51	1 10	21 8	0 11	19 39	1 42	21 40	0 5	3 52	2 5	35 5	13 54	11 57	11 42	6 29			n.a.
S 18	17 31	5 32	1 56	20 36	1 49	2 6	3 11	23 47	1 10	21 9	0 11	19 37	1 42	21 41	0 5	3 52	2 5	35 5	13 54	11 57	11 43	6 31			n.a.
M19	17 14	1 33	2 55	20 5	1 47	2 34	3 18	23 42	1 10	21 9	0 11	19 35	1 42	21 41	0 5	3 52	2 5	35 5	13 54	11 57	11 45	6 33			n.a.
T 20	16 57	2s26	3 46	19 33	1 45	3 2	3 25	23 36	1 11	21 9	0 11	19 33	1 42	21 41	0 5	3 51	2 6	35 5	13 54	11 56	11 46	6 35			n.a.
W21	16 40	6 17	4 27	19 0	1 42	3 29	3 32	23 31	1 11	21 10	0 12	19 31	1 42	21 42	0 5	3 51	2 6	35 5	13 54	11 56	11 47	6 37			n.a.
T 22	16 22	9 54	4 56	18 25	1 39	3 56	3 39	23 26	1 11	21 10	0 12	19 29	1 42	21 42	0 5	3 51	2 6	35 6	13 54	11 55	11 48	6 39			n.a.
F 23	16 4	13 7	5 13	17 50	1 36	4 23	3 46	23 20	1 12	21 11	0 12	19 27	1 43	21 42	0 5	3 50	2 6	35 6	13 54	11 55	11 49	6 41			n.a.
S 24	15 45	15 51	5 16	17 13	1 32	4 50	3 53	23 14	1 12	21 12	0 12	19 25	1 43	21 43	0 5	3 50	2 6	35 6	13 54	11 56	11 50	6 43			n.a.
S 25	15 27	17 55	5 5	16 36	1 28	5 16	4 0	23 8	1 12	21 12	0 12	19 23	1 43	21 43	0 5	3 50	2 6	35 6	13 54	11 56	11 51	6 45			n.a.
M26	15 8	19 10	4 40	15 57	1 23	5 42	4 7	23 2	1 13	21 13	0 12	19 21	1 43	21 43	0 5	3 49	2 6	35 6	13 54	11 56	11 52	6 47			n.a.
T 27	14 49	19 29	3 59	15 18	1 19	6 7	4 14	22 55	1 13	21 13	0 12	19 19	1 43	21 44	0 5	3 49	2 6	35 6	13 54	11 57	11 54	6 49			n.a.
W28	14 30	18 44	3 5	14 39	1 14	6 33	4 21	22 49	1 13	21 14	0 12	19 17	1 43	21 44	0 5	3 48	2 6	35 6	13 53	11 57	11 55	6 51			n.a.
T 29	14 10	16 53	1 59	13 59	1 8	6 58	4 28	22 42	1 13	21 15	0 12	19 15	1 43	21 44	0 5	3 48	2 6	35 6	13 53	11 57	11 56	6 53			n.a.
F 30	13 50	13 59	0 44	13 18	1 3	7 22	4 35	22 35	1 14	21 16	0 13	19 13	1 43	21 44	0 5	3 48	2 6	35 7	13 53	11 57	11 57	6 55			n.a.
S 31	13n30	10s13	0s35	12n37	0n57	7s46	4s42	22n28	1n14	21s17	0s13	19n11	1n43	21n45	0n 5	3n47	2s 6	35s 7	13s53	11n57	11n58	6s57			n.a.

Julian Day Number = 1206998.5, Delta T = 09h16m47s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'34, Lahiri = -23°23'34 Julian Calendar 1 Aug. 1409 BCE == Greg. Calendar 19 July 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

SEPTEMBER 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 51 4	25♌44'37	19♓55	1♍31	9♎19	26♋55	2♐48	11♌57	5♊54	14°R15	25°R 2	29♌12	29♌ 6	28♎28	n.a.	S 1
M 2	21 55 0	26°44'11	4♈29	3°10	10° 2	27°34	2°52	12° 4	5°55	14♈14	25♑ 1	29°12	29° 3	28°35	n.a.	M 2
T 3	21 58 57	27°43'47	19° 4	4°49	10°43	28°12	2°56	12°11	5°56	14°13	25° 0	29°12	29° 0	28°41	n.a.	T 3
W 4	22 2 53	28°43'26	3♉33	6°27	11°23	28°50	3° 0	12°19	5°58	14°12	24°59	29°12	28°57	28°48	n.a.	W 4
T 5	22 6 50	29°43'07	17°53	8° 4	12° 2	29°28	3° 5	12°26	5°59	14°11	24°58	29°R12	28°54	28°55	n.a.	T 5
F 6	22 10 46	0♍42'50	2♊ 1	9°40	12°39	0♌ 6	3°10	12°33	6° 0	14°10	24°57	29°D12	28°50	29° 2	n.a.	F 6
S 7	22 14 43	1°42'37	15°55	11°16	13°16	0°44	3°15	12°40	6° 1	14° 8	24°56	29°12	28°47	29° 8	n.a.	S 7
S 8	22 18 39	2°42'25	29°35	12°51	13°51	1°22	3°20	12°47	6° 2	14° 7	24°55	29°12	28°44	29°15	n.a.	S 8
M 9	22 22 36	3°42'16	13♋ 0	14°26	14°25	2° 0	3°25	12°54	6° 2	14° 6	24°55	29°13	28°41	29°22	n.a.	M 9
T 10	22 26 33	4°42'09	26°10	16° 0	14°58	2°38	3°31	13° 1	6° 3	14° 5	24°54	29°13	28°38	29°28	n.a.	T 10
W11	22 30 29	5°42'05	9♌ 7	17°33	15°29	3°16	3°36	13° 8	6° 4	14° 4	24°53	29°14	28°35	29°35	n.a.	W11
T 12	22 34 26	6°42'03	21°51	19° 6	15°59	3°54	3°42	13°15	6° 5	14° 2	24°52	29°14	28°31	29°42	n.a.	T 12
F 13	22 38 22	7°42'03	4♍23	20°38	16°27	4°32	3°48	13°22	6° 5	14° 1	24°51	29°R14	28°28	29°48	n.a.	F 13
S 14	22 42 19	8°42'05	16°43	22°10	16°53	5°10	3°54	13°29	6° 6	14° 0	24°50	29°14	28°25	29°55	n.a.	S 14
S 15	22 46 15	9°42'08	28°52	23°41	17°18	5°48	4° 1	13°35	6° 6	13°58	24°49	29°13	28°22	0♏ 2	n.a.	S 15
M16	22 50 12	10°42'14	10♎54	25°11	17°41	6°26	4° 7	13°42	6° 7	13°57	24°48	29°11	28°19	0° 9	n.a.	M16
T 17	22 54 8	11°42'22	22°49	26°41	18° 3	7° 4	4°14	13°49	6° 7	13°56	24°48	29° 9	28°15	0°15	n.a.	T 17
W18	22 58 5	12°42'32	4♏40	28°11	18°22	7°42	4°20	13°56	6° 8	13°54	24°47	29° 7	28°12	0°22	n.a.	W18
T 19	23 2 1	13°42'43	16°30	29°40	18°40	8°20	4°27	14° 2	6° 8	13°53	24°46	29° 5	28° 9	0°29	n.a.	T 19
F 20	23 5 58	14°42'56	28°24	1♎ 8	18°55	8°58	4°34	14° 9	6° 8	13°51	24°45	29° 4	28° 6	0°35	n.a.	F 20
S 21	23 9 55	15°43'11	10♐26	2°35	19° 9	9°36	4°42	14°16	6° 8	13°50	24°45	29°D 3	28° 3	0°42	n.a.	S 21
S 22	23 13 51	16°43'28	22°40	4° 2	19°20	10°14	4°49	14°22	6° 8	13°49	24°44	29° 3	28° 0	0°49	n.a.	S 22
M23	23 17 48	17°43'46	5♑11	5°29	19°30	10°52	4°57	14°29	6° 9	13°47	24°43	29° 4	27°56	0°56	n.a.	M23
T 24	23 21 44	18°44'06	18° 2	6°54	19°37	11°30	5° 4	14°35	6°R 9	13°46	24°43	29° 5	27°53	1° 2	n.a.	T 24
W25	23 25 41	19°44'28	1♒19	8°19	19°41	12° 8	5°12	14°42	6° 9	13°44	24°42	29° 7	27°50	1° 9	n.a.	W25
T 26	23 29 37	20°44'51	15° 1	9°44	19°R44	12°45	5°20	14°48	6° 8	13°43	24°41	29° 8	27°47	1°16	n.a.	T 26
F 27	23 33 34	21°45'16	29°10	11° 7	19°44	13°23	5°28	14°54	6° 8	13°41	24°41	29°R 9	27°44	1°22	n.a.	F 27
S 28	23 37 30	22°45'42	13♓43	12°30	19°41	14° 1	5°37	15° 1	6° 8	13°39	24°40	29° 8	27°40	1°29	n.a.	S 28
S 29	23 41 27	23°46'10	28°33	13°51	19°36	14°39	5°45	15° 7	6° 8	13°38	24°40	29° 6	27°37	1°36	n.a.	S 29
M30	23 45 23	24♍46'40	13♈34	15♎12	19♎29	15♌17	5♐54	15♌13	6♊ 8	13♈36	24♑39	29♌ 3	27♌34	1♏42	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n10	5s47	1s53	11n55	0n51	8s10	4s49	22n21	1n14	21s18	0s13	19n 9	1n43	21n45	0n 5	3n47	2s 6	35s 7	13s53	11n57	11n59	6s59		n.a.
M 2	12 49	0 59	3 4	11 13	0 45	8 33	4 55	22 14	1 15	21 18	0 13	19 7	1 43	21 45	0 5	3 46	2 6	35 7	13 53	11 57	12 0	7 1		n.a.
T 3	12 28	3n51	4 3	10 31	0 39	8 56	5 2	22 6	1 15	21 19	0 13	19 6	1 44	21 45	0 5	3 46	2 6	35 7	13 53	11 57	12 1	7 3		n.a.
W 4	12 7	8 26	4 46	9 49	0 33	9 18	5 9	21 59	1 15	21 20	0 13	19 4	1 44	21 45	0 5	3 45	2 6	35 7	13 52	11 57	12 3	7 5		n.a.
T 5	11 46	12 29	5 11	9 6	0 26	9 39	5 16	21 51	1 15	21 21	0 13	19 2	1 44	21 46	0 5	3 45	2 6	35 7	13 52	11 57	12 4	7 7		n.a.
F 6	11 25	15 45	5 17	8 23	0 20	10 1	5 22	21 43	1 16	21 22	0 13	19 0	1 44	21 46	0 5	3 44	2 6	35 7	13 52	11 57	12 5	7 9		n.a.
S 7	11 3	18 4	5 4	7 40	0 13	10 21	5 29	21 35	1 16	21 23	0 13	18 58	1 44	21 46	0 5	3 44	2 7	35 7	13 52	11 57	12 6	7 11		n.a.
S 8	10 41	19 17	4 34	6 57	0 7	10 41	5 35	21 27	1 16	21 25	0 13	18 56	1 44	21 46	0 5	3 43	2 7	35 7	13 52	11 57	12 7	7 13		n.a.
M 9	10 19	19 24	3 49	6 14	0 0	11 0	5 41	21 18	1 16	21 26	0 13	18 54	1 44	21 46	0 5	3 43	2 7	35 7	13 52	11 57	12 8	7 15		n.a.
T 10	9 57	18 27	2 53	5 31	0s 7	11 19	5 47	21 10	1 17	21 27	0 14	18 52	1 44	21 47	0 5	3 42	2 7	35 7	13 51	11 57	12 9	7 17		n.a.
W11	9 35	16 32	1 49	4 48	0 13	11 37	5 53	21 1	1 17	21 28	0 14	18 50	1 44	21 47	0 5	3 42	2 7	35 7	13 51	11 57	12 10	7 19		n.a.
T 12	9 12	13 49	0 41	4 5	0 20	11 54	5 59	20 52	1 17	21 29	0 14	18 48	1 45	21 47	0 5	3 41	2 7	35 7	13 51	11 56	12 12	7 21		n.a.
F 13	8 50	10 31	0n28	3 22	0 27	12 10	6 5	20 43	1 17	21 30	0 14	18 46	1 45	21 47	0 5	3 41	2 7	35 7	13 51	11 56	12 13	7 23		n.a.
S 14	8 27	6 48	1 35	2 39	0 34	12 26	6 11	20 34	1 18	21 32	0 14	18 44	1 45	21 47	0 5	3 40	2 7	35 7	13 51	11 57	12 14	7 25		n.a.
S 15	8 4	2 51	2 37	1 56	0 41	12 41	6 16	20 25	1 18	21 33	0 14	18 42	1 45	21 47	0 5	3 40	2 7	35 7	13 50	11 57	12 15	7 27		n.a.
M16	7 41	1s10	3 31	1 13	0 47	12 54	6 21	20 15	1 18	21 34	0 14	18 41	1 45	21 47	0 5	3 39	2 7	35 7	13 50	11 57	12 16	7 29		n.a.
T 17	7 18	5 5	4 15	0 31	0 54	13 7	6 26	20 6	1 18	21 36	0 14	18 39	1 45	21 47	0 5	3 39	2 7	35 7	13 50	11 58	12 17	7 31		n.a.
W18	6 54	8 47	4 48	0s11	1 1	13 19	6 31	19 56	1 19	21 37	0 14	18 37	1 45	21 47	0 5	3 38	2 7	35 7	13 50	11 59	12 18	7 32		n.a.
T 19	6 31	12 8	5 8	0 53	1 7	13 30	6 35	19 46	1 19	21 38	0 14	18 35	1 45	21 48	0 5	3 37	2 7	35 7	13 50	11 59	12 19	7 34		n.a.
F 20	6 7	15 1	5 16	1 35	1 14	13 40	6 40	19 36	1 19	21 40	0 14	18 33	1 46	21 48	0 5	3 37	2 7	35 7	13 49	12 0	12 21	7 36		n.a.
S 21	5 44	17 18	5 10	2 16	1 20	13 49	6 44	19 26	1 19	21 41	0 15	18 31	1 46	21 48	0 5	3 36	2 7	35 7	13 49	12 0	12 22	7 38		n.a.
S 22	5 20	18 50	4 50	2 57	1 27	13 57	6 47	19 16	1 20	21 43	0 15	18 30	1 46	21 48	0 5	3 36	2 7	35 7	13 49	12 0	12 23	7 40		n.a.
M23	4 56	19 30	4 16	3 38	1 33	14 4	6 50	19 6	1 20	21 44	0 15	18 28	1 46	21 48	0 5	3 35	2 7	35 6	13 49	12 0	12 24	7 42		n.a.
T 24	4 32	19 11	3 28	4 18	1 39	14 9	6 53	18 55	1 20	21 46	0 15	18 26	1 46	21 48	0 5	3 34	2 7	35 6	13 48	12 0	12 25	7 44		n.a.
W25	4 8	17 49	2 28	4 57	1 45	14 13	6 56	18 44	1 20	21 47	0 15	18 24	1 46	21 48	0 5	3 34	2 7	35 6	13 48	11 59	12 26	7 46		n.a.
T 26	3 44	15 23	1 17	5 36	1 51	14 16	6 58	18 34	1 21	21 49	0 15	18 22	1 47	21 48	0 5	3 33	2 7	35 6	13 48	11 59	12 27	7 48		n.a.
F 27	3 20	11 58	0s 0	6 15	1 56	14 17	6 59	18 23	1 21	21 50	0 15	18 21	1 47	21 48	0 5	3 32	2 7	35 6	13 48	11 58	12 28	7 50		n.a.
S 28	2 55	7 44	1 19	6 53	2 1	14 17	7 0	18 12	1 21	21 52	0 15	18 19	1 47	21 48	0 5	3 32	2 7	35 6	13 47	11 59	12 29	7 52		n.a.
S 29	2 31	2 57	2 35	7 30	2 7	14 16	7 1	18 1	1 21	21 53	0 15	18 17	1 47	21 48	0 5	3 31	2 7	35 6	13 47	11 59	12 31	7 54		n.a.
M30	2n 7	2n 4	3s40	8s 6	2s11	14s13	7s 1	17n50	1n22	21s55	0s15	18n15	1n47	21n48	0n 5	3n31	2s 7	35s 6	13s47	12n 0	12n32	7s56		n.a.

Julian Day Number = 1207029.5, Delta T = 09h16m45s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'30, Lahiri = -23°23'30 Julian Calendar 1 Sept. 1409 BCE == Greg. Calendar 19 Aug. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

OCTOBER 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 49 20	25♍47'12	28♈36	16♎31	19°R19	15♌55	6♐ 2	15♌19	6°R 7	13°R35	24°R39	29°R 0	27♌31	1♏49	n.a.	T 1
W 2	23 53 17	26°47'45	13♉30	17°49	19♎ 7	16°33	6°11	15°26	6♊ 7	13♈33	24♑38	28♌56	27°28	1°56	n.a.	W 2
T 3	23 57 13	27°48'21	28° 9	19° 6	18°53	17°11	6°20	15°32	6° 6	13°31	24°38	28°52	27°25	2° 3	n.a.	T 3
F 4	0 1 10	28°48'59	12♊29	20°21	18°36	17°49	6°29	15°38	6° 6	13°30	24°37	28°50	27°21	2° 9	n.a.	F 4
S 5	0 5 6	29°49'38	26°25	21°35	18°16	18°27	6°38	15°44	6° 5	13°28	24°37	28°D49	27°18	2°16	n.a.	S 5
S 6	0 9 3	0♎50'20	9♋59	22°46	17°55	19° 5	6°48	15°49	6° 5	13°27	24°36	28°49	27°15	2°23	n.a.	S 6
M 7	0 12 59	1°51'03	23°11	23°55	17°31	19°43	6°57	15°55	6° 4	13°25	24°36	28°50	27°12	2°29	n.a.	M 7
T 8	0 16 56	2°51'49	6♌ 5	25° 2	17° 5	20°21	7° 7	16° 1	6° 3	13°23	24°36	28°52	27° 9	2°36	n.a.	T 8
W 9	0 20 52	3°52'36	18°43	26° 6	16°38	20°59	7°16	16° 7	6° 3	13°22	24°35	28°53	27° 6	2°43	n.a.	W 9
T 10	0 24 49	4°53'24	1♍ 8	27° 6	16° 8	21°37	7°26	16°12	6° 2	13°20	24°35	28°R54	27° 2	2°50	n.a.	T 10
F 11	0 28 46	5°54'15	13°23	28° 3	15°37	22°15	7°36	16°18	6° 1	13°18	24°35	28°53	26°59	2°56	n.a.	F 11
S 12	0 32 42	6°55'06	25°30	28°56	15° 5	22°53	7°46	16°23	6° 0	13°16	24°35	28°50	26°56	3° 3	n.a.	S 12
S 13	0 36 39	7°56'00	7♎30	29°44	14°31	23°31	7°56	16°29	5°59	13°15	24°34	28°44	26°53	3°10	n.a.	S 13
M14	0 40 35	8°56'54	19°26	0♏26	13°56	24° 9	8° 7	16°34	5°58	13°13	24°34	28°38	26°50	3°16	n.a.	M14
T 15	0 44 32	9°57'50	1♏18	1° 3	13°21	24°46	8°17	16°40	5°57	13°11	24°34	28°29	26°46	3°23	n.a.	T 15
W16	0 48 28	10°58'47	13° 9	1°33	12°45	25°24	8°28	16°45	5°56	13°10	24°34	28°21	26°43	3°30	n.a.	W16
T 17	0 52 25	11°59'46	25° 0	1°56	12° 9	26° 2	8°38	16°50	5°54	13° 8	24°34	28°13	26°40	3°37	n.a.	T 17
F 18	0 56 21	13° 0'45	6♐55	2°10	11°32	26°40	8°49	16°55	5°53	13° 6	24°34	28° 5	26°37	3°43	n.a.	F 18
S 19	1 0 18	14° 1'46	18°55	2°R15	10°56	27°18	9° 0	17° 0	5°52	13° 5	24°34	28° 0	26°34	3°50	n.a.	S 19
S 20	1 4 15	15° 2'47	1♑ 6	2°10	10°21	27°56	9°11	17° 5	5°51	13° 3	24°34	27°57	26°31	3°57	n.a.	S 20
M21	1 8 11	16° 3'50	13°31	1°55	9°46	28°34	9°22	17°10	5°49	13° 1	24°D34	27°D56	26°27	4° 3	n.a.	M21
T 22	1 12 8	17° 4'53	26°15	1°28	9°12	29°12	9°33	17°15	5°48	12°59	24°34	27°56	26°24	4°10	n.a.	T 22
W23	1 16 4	18° 5'57	9♒22	0°51	8°39	29°49	9°44	17°20	5°46	12°58	24°34	27°57	26°21	4°17	n.a.	W23
T 24	1 20 1	19° 7'02	22°57	0° 3	8° 7	0♍27	9°56	17°24	5°45	12°56	24°34	27°R58	26°18	4°24	n.a.	T 24
F 25	1 23 57	20° 8'07	7♓ 0	29♎ 4	7°37	1° 5	10° 7	17°29	5°43	12°54	24°34	27°58	26°15	4°30	n.a.	F 25
S 26	1 27 54	21° 9'13	21°32	27°56	7° 9	1°43	10°18	17°33	5°42	12°53	24°34	27°56	26°11	4°37	n.a.	S 26
S 27	1 31 50	22°10'20	6♈28	26°41	6°43	2°21	10°30	17°38	5°40	12°51	24°34	27°51	26° 8	4°44	n.a.	S 27
M28	1 35 47	23°11'28	21°41	25°21	6°19	2°59	10°42	17°42	5°38	12°49	24°34	27°44	26° 5	4°50	n.a.	M28
T 29	1 39 44	24°12'36	7♉ 2	23°58	5°57	3°36	10°54	17°46	5°37	12°48	24°34	27°35	26° 2	4°57	n.a.	T 29
W30	1 43 40	25°13'46	22°17	22°36	5°37	4°14	11° 5	17°51	5°35	12°46	24°35	27°26	25°59	5° 4	n.a.	W30
T 31	1 47 37	26♎14'56	7♊18	21♎16	5♎20	4♍52	11♐17	17♌55	5♊33	12♈44	24♑35	27♌17	25♌56	5♏11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	1n42	6n57	4s31	8s41	2s16	14s 9	7s 0	17n38	1n22	21s57	0s15	18n14	1n47	21n48	0n 5	3n30	2s 7	35s 5	13s47	12n 2	12n33	7s58			n.a.
W 2	1 18	11 22	5 2	9 16	2 20	14 3	6 59	17 27	1 22	21 58	0 16	18 12	1 48	21 48	0 5	3 29	2 7	35 5	13 46	12 3	12 34	8 0			n.a.
T 3	0 53	15 0	5 13	9 49	2 24	13 55	6 57	17 15	1 22	22 0	0 16	18 10	1 48	21 47	0 5	3 29	2 7	35 5	13 46	12 4	12 35	8 2			n.a.
F 4	0 29	17 39	5 5	10 22	2 28	13 46	6 54	17 4	1 22	22 2	0 16	18 9	1 48	21 47	0 5	3 28	2 7	35 5	13 46	12 5	12 36	8 4			n.a.
S 5	0 4	19 11	4 38	10 53	2 31	13 35	6 51	16 52	1 23	22 3	0 16	18 7	1 48	21 47	0 5	3 27	2 7	35 5	13 46	12 5	12 37	8 6			n.a.
S 6	0s20	19 33	3 56	11 22	2 34	13 23	6 47	16 40	1 23	22 5	0 16	18 5	1 48	21 47	0 5	3 27	2 7	35 5	13 45	12 5	12 38	8 8			n.a.
M 7	0 45	18 49	3 3	11 51	2 36	13 9	6 42	16 28	1 23	22 7	0 16	18 4	1 48	21 47	0 5	3 26	2 7	35 4	13 45	12 5	12 39	8 10			n.a.
T 8	1 9	17 7	2 1	12 17	2 37	12 54	6 36	16 16	1 23	22 8	0 16	18 2	1 49	21 47	0 5	3 25	2 7	35 4	13 45	12 4	12 41	8 12			n.a.
W 9	1 34	14 36	0 55	12 42	2 38	12 37	6 30	16 4	1 23	22 10	0 16	18 1	1 49	21 47	0 5	3 25	2 7	35 4	13 45	12 4	12 42	8 14			n.a.
T 10	1 59	11 27	0n12	13 5	2 39	12 19	6 23	15 52	1 24	22 12	0 16	17 59	1 49	21 47	0 5	3 24	2 7	35 4	13 44	12 4	12 43	8 16			n.a.
F 11	2 23	7 50	1 18	13 25	2 38	12 0	6 15	15 39	1 24	22 14	0 16	17 58	1 49	21 47	0 5	3 23	2 7	35 4	13 44	12 4	12 44	8 18			n.a.
S 12	2 48	3 57	2 20	13 43	2 37	11 39	6 6	15 27	1 24	22 15	0 16	17 56	1 49	21 46	0 5	3 23	2 8	35 3	13 44	12 5	12 45	8 20			n.a.
S 13	3 12	0s 4	3 14	13 59	2 35	11 17	5 57	15 14	1 24	22 17	0 16	17 55	1 50	21 46	0 5	3 22	2 8	35 3	13 43	12 7	12 46	8 22			n.a.
M14	3 36	4 3	4 0	14 11	2 32	10 53	5 46	15 2	1 24	22 19	0 17	17 53	1 50	21 46	0 5	3 21	2 8	35 3	13 43	12 9	12 47	8 23			n.a.
T 15	4 1	7 51	4 35	14 20	2 28	10 29	5 35	14 49	1 25	22 21	0 17	17 52	1 50	21 46	0 5	3 21	2 8	35 3	13 43	12 12	12 48	8 25			n.a.
W16	4 25	11 20	4 58	14 26	2 22	10 4	5 24	14 36	1 25	22 22	0 17	17 50	1 50	21 46	0 6	3 20	2 8	35 2	13 43	12 15	12 49	8 27			n.a.
T 17	4 49	14 23	5 8	14 28	2 15	9 38	5 11	14 23	1 25	22 24	0 17	17 49	1 50	21 46	0 6	3 19	2 8	35 2	13 42	12 18	12 50	8 29			n.a.
F 18	5 14	16 50	5 5	14 25	2 7	9 12	4 58	14 10	1 25	22 26	0 17	17 47	1 51	21 45	0 6	3 19	2 8	35 2	13 42	12 21	12 52	8 31			n.a.
S 19	5 38	18 36	4 48	14 18	1 58	8 45	4 45	13 57	1 25	22 28	0 17	17 46	1 51	21 45	0 6	3 18	2 8	35 1	13 42	12 23	12 53	8 33			n.a.
S 20	6 2	19 33	4 19	14 6	1 47	8 18	4 31	13 44	1 26	22 30	0 17	17 45	1 51	21 45	0 6	3 17	2 8	35 1	13 41	12 24	12 54	8 35			n.a.
M21	6 26	19 34	3 36	13 48	1 34	7 51	4 16	13 31	1 26	22 31	0 17	17 43	1 51	21 45	0 6	3 17	2 8	35 1	13 41	12 24	12 55	8 37			n.a.
T 22	6 49	18 37	2 42	13 26	1 19	7 24	4 2	13 18	1 26	22 33	0 17	17 42	1 51	21 44	0 6	3 16	2 7	35 1	13 41	12 24	12 56	8 39			n.a.
W23	7 13	16 38	1 38	12 57	1 3	6 57	3 47	13 4	1 26	22 35	0 17	17 41	1 52	21 44	0 6	3 15	2 7	35 0	13 40	12 24	12 57	8 41			n.a.
T 24	7 37	13 41	0 27	12 24	0 46	6 30	3 31	12 51	1 26	22 37	0 17	17 40	1 52	21 44	0 6	3 15	2 7	35 0	13 40	12 23	12 58	8 43			n.a.
F 25	8 0	9 50	0s48	11 45	0 27	6 4	3 16	12 37	1 26	22 39	0 17	17 38	1 52	21 44	0 6	3 14	2 7	35 0	13 40	12 23	12 59	8 45			n.a.
S 26	8 24	5 18	2 3	11 2	0 7	5 38	3 0	12 24	1 27	22 40	0 17	17 37	1 52	21 43	0 6	3 13	2 7	34 59	13 40	12 24	13 0	8 47			n.a.
S 27	8 47	0 18	3 11	10 15	0n14	5 13	2 45	12 10	1 27	22 42	0 18	17 36	1 53	21 43	0 6	3 13	2 7	34 59	13 39	12 26	13 1	8 49			n.a.
M28	9 10	4n47	4 7	9 27	0 34	4 49	2 29	11 56	1 27	22 44	0 18	17 35	1 53	21 43	0 6	3 12	2 7	34 59	13 39	12 28	13 3	8 51			n.a.
T 29	9 33	9 36	4 46	8 37	0 54	4 26	2 14	11 42	1 27	22 46	0 18	17 34	1 53	21 43	0 6	3 11	2 7	34 58	13 39	12 31	13 4	8 53			n.a.
W30	9 56	13 46	5 4	7 48	1 14	4 4	1 58	11 29	1 27	22 48	0 18	17 33	1 53	21 42	0 6	3 11	2 7	34 58	13 38	12 35	13 5	8 55			n.a.
T 31	10s18	16n59	5s 0	7s 1	1n32	3s43	1s43	11n15	1n27	22s49	0s18	17n32	1n53	21n42	0n 6	3n10	2s 7	34s58	13s38	12n38	13n 6	8s57			n.a.

Julian Day Number = 1207059.5, Delta T = 09h16m43s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'26, Lahiri = -23°23'26 Julian Calendar 1 Oct. 1409 BCE == Greg. Calendar 18 Sept. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

NOVEMBER 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 51 33	27♎16'08	21♊54	20°R 3	5°R 5	5♍30	11♐29	17♌59	5°R31	12°R43	24♑35	27°R11	25♌52	5♏17	n.a.	F 1
S 2	1 55 30	28°17'20	6♋ 3	18♎57	4♎52	6° 7	11°42	18° 3	5♊29	12♈41	24°35	27♌ 6	25°49	5°24	n.a.	S 2
S 3	1 59 26	29°18'34	19°43	18° 0	4°42	6°45	11°54	18° 7	5°27	12°39	24°36	27° 4	25°46	5°31	n.a.	S 3
M 4	2 3 23	0♏19'48	2♌56	17°14	4°35	7°23	12° 6	18°10	5°25	12°38	24°36	27°D 3	25°43	5°37	n.a.	M 4
T 5	2 7 19	1°21'03	15°45	16°39	4°30	8° 1	12°18	18°14	5°23	12°36	24°36	27° 4	25°40	5°44	n.a.	T 5
W 6	2 11 16	2°22'19	28°14	16°16	4°D28	8°38	12°31	18°18	5°21	12°35	24°37	27°R 4	25°37	5°51	n.a.	W 6
T 7	2 15 13	3°23'36	10♍29	16° 3	4°28	9°16	12°43	18°21	5°19	12°33	24°37	27° 3	25°33	5°58	n.a.	T 7
F 8	2 19 9	4°24'53	22°33	16°D 0	4°30	9°54	12°56	18°24	5°17	12°31	24°38	27° 0	25°30	6° 4	n.a.	F 8
S 9	2 23 6	5°26'11	4♎30	16° 8	4°35	10°32	13° 9	18°28	5°15	12°30	24°38	26°54	25°27	6°11	n.a.	S 9
S 10	2 27 2	6°27'30	16°24	16°24	4°42	11° 9	13°21	18°31	5°13	12°28	24°39	26°45	25°24	6°18	n.a.	S 10
M11	2 30 59	7°28'48	28°15	16°48	4°52	11°47	13°34	18°34	5°11	12°27	24°39	26°33	25°21	6°24	n.a.	M11
T 12	2 34 55	8°30'08	10♏ 6	17°20	5° 4	12°25	13°47	18°37	5° 8	12°25	24°40	26°19	25°17	6°31	n.a.	T 12
W13	2 38 52	9°31'27	21°59	17°58	5°18	13° 2	14° 0	18°40	5° 6	12°24	24°40	26° 5	25°14	6°38	n.a.	W13
T 14	2 42 48	10°32'47	3♐54	18°42	5°34	13°40	14°13	18°43	5° 4	12°22	24°41	25°51	25°11	6°45	n.a.	T 14
F 15	2 46 45	11°34'07	15°53	19°32	5°52	14°17	14°26	18°46	5° 2	12°21	24°41	25°38	25° 8	6°51	n.a.	F 15
S 16	2 50 42	12°35'27	27°58	20°26	6°12	14°55	14°39	18°48	4°59	12°20	24°42	25°28	25° 5	6°58	n.a.	S 16
S 17	2 54 38	13°36'47	10♑12	21°24	6°34	15°33	14°52	18°51	4°57	12°18	24°43	25°21	25° 2	7° 5	n.a.	S 17
M18	2 58 35	14°38'07	22°37	22°25	6°58	16°10	15° 5	18°53	4°54	12°17	24°43	25°16	24°58	7°11	n.a.	M18
T 19	3 2 31	15°39'26	5♒17	23°30	7°24	16°48	15°19	18°55	4°52	12°15	24°44	25°14	24°55	7°18	n.a.	T 19
W20	3 6 28	16°40'45	18°17	24°38	7°51	17°25	15°32	18°58	4°50	12°14	24°45	25°14	24°52	7°25	n.a.	W20
T 21	3 10 24	17°42'04	1♓40	25°48	8°20	18° 3	15°45	19° 0	4°47	12°13	24°46	25°14	24°49	7°32	n.a.	T 21
F 22	3 14 21	18°43'22	15°30	27° 0	8°51	18°40	15°59	19° 2	4°45	12°11	24°46	25°13	24°46	7°38	n.a.	F 22
S 23	3 18 18	19°44'40	29°48	28°15	9°23	19°18	16°12	19° 4	4°42	12°10	24°47	25°10	24°43	7°45	n.a.	S 23
S 24	3 22 14	20°45'57	14♈32	29°31	9°57	19°55	16°26	19° 6	4°40	12° 9	24°48	25° 4	24°39	7°52	n.a.	S 24
M25	3 26 11	21°47'14	29°38	0♏48	10°32	20°33	16°39	19° 7	4°37	12° 8	24°49	24°55	24°36	7°58	n.a.	M25
T 26	3 30 7	22°48'30	14♉56	2° 7	11° 8	21°10	16°53	19° 9	4°35	12° 6	24°50	24°44	24°33	8° 5	n.a.	T 26
W27	3 34 4	23°49'47	0♊16	3°27	11°46	21°47	17° 7	19°10	4°32	12° 5	24°51	24°32	24°30	8°12	n.a.	W27
T 28	3 38 0	24°51'02	15°26	4°49	12°25	22°25	17°20	19°12	4°30	12° 4	24°52	24°21	24°27	8°19	n.a.	T 28
F 29	3 41 57	25°52'18	0♋15	6°11	13° 6	23° 2	17°34	19°13	4°27	12° 3	24°52	24°11	24°23	8°25	n.a.	F 29
S 30	3 45 53	26♏53'34	14♋36	7♏35	13♎47	23♍39	17♐48	19♌14	4♊24	12♈ 2	24♑53	24♌ 4	24♌20	8♏32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s41	19n 0	4s37	6s18	1n49	3s24	1s28	11n 1	1n27	22s51	0s18	17n31	1n54	21n42	0n 6	3n 9	2s 7	34s57	13s38	12n40	13n 7	8s59		n.a.
S 2	11 3	19 46	3 58	5 39	2 3	3 5	1 13	10 47	1 28	22 53	0 18	17 30	1 54	21 41	0 6	3 9	2 7	34 57	13 37	12 42	13 8	9 0		n.a.
S 3	11 25	19 19	3 6	5 6	2 16	2 48	0 59	10 32	1 28	22 55	0 18	17 29	1 54	21 41	0 6	3 8	2 7	34 57	13 37	12 42	13 9	9 2		n.a.
M 4	11 47	17 49	2 5	4 39	2 26	2 32	0 45	10 18	1 28	22 56	0 18	17 28	1 54	21 41	0 6	3 8	2 7	34 56	13 37	12 42	13 10	9 4		n.a.
T 5	12 9	15 26	1 0	4 18	2 34	2 17	0 31	10 4	1 28	22 58	0 18	17 27	1 55	21 40	0 6	3 7	2 7	34 56	13 37	12 42	13 11	9 6		n.a.
W 6	12 30	12 24	0n 6	4 3	2 40	2 4	0 17	9 50	1 28	23 0	0 18	17 26	1 55	21 40	0 6	3 6	2 7	34 56	13 36	12 42	13 12	9 8		n.a.
T 7	12 52	8 51	1 11	3 54	2 45	1 52	0 4	9 35	1 28	23 2	0 18	17 25	1 55	21 40	0 6	3 6	2 7	34 55	13 36	12 42	13 13	9 10		n.a.
F 8	13 13	5 0	2 11	3 50	2 47	1 42	0n 8	9 21	1 28	23 3	0 19	17 24	1 55	21 39	0 6	3 5	2 7	34 55	13 36	12 44	13 15	9 12		n.a.
S 9	13 34	1 0	3 5	3 52	2 48	1 32	0 21	9 7	1 29	23 5	0 19	17 23	1 56	21 39	0 6	3 5	2 7	34 55	13 35	12 46	13 16	9 14		n.a.
S 10	13 54	3s 1	3 50	3 59	2 48	1 25	0 32	8 52	1 29	23 7	0 19	17 22	1 56	21 38	0 6	3 4	2 7	34 54	13 35	12 49	13 17	9 16		n.a.
M11	14 15	6 55	4 25	4 10	2 46	1 18	0 44	8 38	1 29	23 8	0 19	17 22	1 56	21 38	0 6	3 3	2 7	34 54	13 35	12 53	13 18	9 18		n.a.
T 12	14 35	10 32	4 49	4 24	2 44	1 13	0 55	8 23	1 29	23 10	0 19	17 21	1 56	21 38	0 6	3 3	2 7	34 53	13 35	12 58	13 19	9 20		n.a.
W13	14 55	13 46	5 0	4 42	2 40	1 9	1 5	8 9	1 29	23 12	0 19	17 20	1 57	21 37	0 6	3 2	2 7	34 53	13 34	13 3	13 20	9 22		n.a.
T 14	15 15	16 26	4 57	5 3	2 36	1 6	1 16	7 54	1 29	23 13	0 19	17 20	1 57	21 37	0 6	3 2	2 7	34 53	13 34	13 8	13 21	9 24		n.a.
F 15	15 34	18 25	4 42	5 26	2 31	1 4	1 25	7 39	1 29	23 15	0 19	17 19	1 57	21 36	0 6	3 1	2 7	34 52	13 34	13 12	13 22	9 26		n.a.
S 16	15 53	19 36	4 14	5 52	2 26	1 4	1 35	7 25	1 29	23 17	0 19	17 18	1 57	21 36	0 6	3 1	2 7	34 52	13 33	13 15	13 23	9 28		n.a.
S 17	16 12	19 54	3 34	6 20	2 20	1 4	1 44	7 10	1 29	23 18	0 19	17 18	1 58	21 36	0 6	3 0	2 7	34 51	13 33	13 18	13 24	9 30		n.a.
M18	16 31	19 14	2 43	6 49	2 14	1 6	1 52	6 55	1 29	23 20	0 19	17 17	1 58	21 35	0 6	3 0	2 7	34 51	13 33	13 19	13 25	9 31		n.a.
T 19	16 49	17 37	1 43	7 19	2 7	1 9	2 0	6 40	1 30	23 21	0 19	17 17	1 58	21 35	0 6	2 59	2 7	34 51	13 33	13 20	13 27	9 33		n.a.
W20	17 7	15 2	0 37	7 51	2 0	1 13	2 8	6 25	1 30	23 23	0 20	17 16	1 58	21 34	0 6	2 59	2 7	34 50	13 32	13 20	13 28	9 35		n.a.
T 21	17 24	11 36	0s34	8 23	1 53	1 18	2 15	6 11	1 30	23 24	0 20	17 16	1 59	21 34	0 6	2 58	2 7	34 50	13 32	13 20	13 29	9 37		n.a.
F 22	17 42	7 25	1 45	8 56	1 46	1 24	2 22	5 56	1 30	23 26	0 20	17 16	1 59	21 33	0 6	2 58	2 7	34 49	13 32	13 20	13 30	9 39		n.a.
S 23	17 59	2 42	2 52	9 30	1 38	1 30	2 29	5 41	1 30	23 28	0 20	17 15	1 59	21 33	0 6	2 57	2 7	34 49	13 32	13 22	13 31	9 41		n.a.
S 24	18 15	2n19	3 49	10 5	1 31	1 38	2 35	5 26	1 30	23 29	0 20	17 15	2 0	21 32	0 6	2 57	2 7	34 48	13 31	13 24	13 32	9 43		n.a.
M25	18 32	7 18	4 32	10 39	1 23	1 47	2 41	5 11	1 30	23 30	0 20	17 15	2 0	21 32	0 6	2 56	2 6	34 48	13 31	13 27	13 33	9 45		n.a.
T 26	18 48	11 54	4 56	11 14	1 16	1 56	2 47	4 56	1 30	23 32	0 20	17 14	2 0	21 32	0 6	2 56	2 6	34 48	13 31	13 30	13 34	9 47		n.a.
W27	19 3	15 42	4 59	11 49	1 8	2 6	2 52	4 41	1 30	23 33	0 20	17 14	2 0	21 31	0 6	2 55	2 6	34 47	13 31	13 34	13 35	9 49		n.a.
T 28	19 19	18 24	4 40	12 25	1 0	2 17	2 57	4 26	1 30	23 35	0 20	17 14	2 1	21 31	0 6	2 55	2 6	34 47	13 30	13 38	13 36	9 51		n.a.
F 29	19 34	19 48	4 3	13 0	0 52	2 29	3 2	4 11	1 30	23 36	0 20	17 14	2 1	21 30	0 6	2 55	2 6	34 46	13 30	13 42	13 37	9 53		n.a.
S 30	19s48	19n52	3s12	13s35	0n45	2s41	3n 6	3n56	1n30	23s38	0s20	17n14	2n 1	21n30	0n 6	2n54	2s 6	34s46	13s30	13n44	13n38	9s55		n.a.

Julian Day Number = 1207090.5, Delta T = 09h16m41s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'22, Lahiri = -23°23'21 Julian Calendar 1 Nov. 1409 BCE == Greg. Calendar 19 Oct. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1409 BCE
geocentric

DECEMBER 1409 BCE (-1408) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 49 50	27♏54'49	28♋27	8♏59	14♎30	24♍17	18♐ 2	19♌15	4°R22	12°R 1	24♉54	24°R 0	24♌17	8♏39	n.a.	S 1
M 2	3 53 47	28°56'04	11♌48	10°24	15°14	24°54	18°15	19°16	4♊19	12♈ 0	24°55	23♌58	24°14	8°46	n.a.	M 2
T 3	3 57 43	29°57'18	24°42	11°50	15°59	25°31	18°29	19°17	4°17	11°59	24°56	23°58	24°11	8°52	n.a.	T 3
W 4	4 1 40	0♐58'33	7♍13	13°17	16°45	26° 9	18°43	19°18	4°14	11°58	24°57	23°58	24° 8	8°59	n.a.	W 4
T 5	4 5 36	1°59'46	19°27	14°44	17°31	26°46	18°57	19°19	4°11	11°57	24°59	23°56	24° 4	9° 6	n.a.	T 5
F 6	4 9 33	3° 1'00	1♎28	16°12	18°19	27°23	19°11	19°19	4° 9	11°56	25° 0	23°53	24° 1	9°12	n.a.	F 6
S 7	4 13 29	4° 2'13	13°22	17°41	19° 8	28° 0	19°25	19°20	4° 6	11°55	25° 1	23°47	23°58	9°19	n.a.	S 7
S 8	4 17 26	5° 3'25	25°12	19°10	19°57	28°37	19°39	19°20	4° 4	11°54	25° 2	23°39	23°55	9°26	n.a.	S 8
M 9	4 21 23	6° 4'37	7♏ 2	20°40	20°48	29°15	19°53	19°20	4° 1	11°53	25° 3	23°27	23°52	9°33	n.a.	M 9
T 10	4 25 19	7° 5'48	18°55	22°10	21°39	29°52	20° 7	19°20	3°58	11°52	25° 4	23°13	23°49	9°39	n.a.	T 10
W11	4 29 16	8° 6'59	0♐51	23°41	22°30	0♎29	20°21	19°R20	3°56	11°51	25° 5	22°59	23°45	9°46	n.a.	W11
T 12	4 33 12	9° 8'08	12°53	25°13	23°23	1° 6	20°36	19°20	3°53	11°51	25° 6	22°45	23°42	9°53	n.a.	T 12
F 13	4 37 9	10° 9'17	25° 2	26°45	24°16	1°43	20°50	19°20	3°51	11°50	25° 8	22°32	23°39	9°59	n.a.	F 13
S 14	4 41 5	11°10'24	7♑18	28°18	25°10	2°20	21° 4	19°20	3°48	11°49	25° 9	22°21	23°36	10° 6	n.a.	S 14
S 15	4 45 2	12°11'31	19°43	29°52	26° 5	2°57	21°18	19°19	3°45	11°48	25°10	22°14	23°33	10°13	n.a.	S 15
M16	4 48 58	13°12'36	2♒17	1♐26	27° 0	3°34	21°32	19°19	3°43	11°48	25°11	22° 9	23°29	10°20	n.a.	M16
T 17	4 52 55	14°13'40	15° 4	3° 0	27°55	4°11	21°47	19°18	3°40	11°47	25°13	22° 8	23°26	10°26	n.a.	T 17
W18	4 56 52	15°14'43	28° 6	4°36	28°52	4°47	22° 1	19°18	3°38	11°47	25°14	22°D 8	23°23	10°33	n.a.	W18
T 19	5 0 48	16°15'43	11♓27	6°12	29°48	5°24	22°15	19°17	3°35	11°46	25°15	22°R 8	23°20	10°40	n.a.	T 19
F 20	5 4 45	17°16'43	25° 8	7°48	0♏46	6° 1	22°29	19°16	3°33	11°46	25°17	22° 8	23°17	10°46	n.a.	F 20
S 21	5 8 41	18°17'41	9♈11	9°25	1°44	6°38	22°44	19°15	3°30	11°45	25°18	22° 6	23°14	10°53	n.a.	S 21
S 22	5 12 38	19°18'37	23°36	11° 3	2°42	7°14	22°58	19°14	3°28	11°45	25°19	22° 2	23°10	11° 0	n.a.	S 22
M23	5 16 34	20°19'32	8♉21	12°42	3°41	7°51	23°12	19°12	3°25	11°44	25°21	21°55	23° 7	11° 7	n.a.	M23
T 24	5 20 31	21°20'25	23°19	14°21	4°40	8°28	23°26	19°11	3°23	11°44	25°22	21°46	23° 4	11°13	n.a.	T 24
W25	5 24 28	22°21'17	8♊22	16° 1	5°40	9° 4	23°41	19°10	3°20	11°44	25°23	21°37	23° 1	11°20	n.a.	W25
T 26	5 28 24	23°22'08	23°21	17°42	6°40	9°41	23°55	19° 8	3°18	11°43	25°25	21°27	22°58	11°27	n.a.	T 26
F 27	5 32 21	24°22'57	8♋ 5	19°24	7°40	10°17	24° 9	19° 6	3°15	11°43	25°26	21°20	22°54	11°34	n.a.	F 27
S 28	5 36 17	25°23'44	22°27	21° 6	8°41	10°54	24°23	19° 5	3°13	11°43	25°28	21°14	22°51	11°40	n.a.	S 28
S 29	5 40 14	26°24'30	6♌23	22°49	9°42	11°30	24°38	19° 3	3°11	11°42	25°29	21°10	22°48	11°47	n.a.	S 29
M30	5 44 10	27°25'15	19°51	24°33	10°44	12° 7	24°52	19° 1	3° 8	11°42	25°30	21°D 9	22°45	11°54	n.a.	M30
T 31	5 48 7	28♐25'59	2♍52	26♐18	11♏46	12♎43	25♐ 6	18♌59	3♊ 6	11♈42	25♉32	21♌10	22♌42	12♏ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 2	18n42	2s10	14s 9	0n37	2s54	3n10	3n41	1n30	23s39	0s21	17n14	2n 1	21n29	0n 6	2n54	2s 6	34s45	13s30	13n45	13n39	9s57		n.a.
M 2	20 16	16 32	1 4	14 44	0 29	3 8	3 14	3 26	1 30	23 40	0 21	17 13	2 2	21 29	0 6	2 54	2 6	34 45	13 29	13 46	13 41	9 58		n.a.
T 3	20 30	13 35	0n 4	15 18	0 22	3 22	3 17	3 11	1 30	23 42	0 21	17 13	2 2	21 28	0 6	2 53	2 6	34 45	13 29	13 46	13 42	10 0		n.a.
W 4	20 43	10 5	1 10	15 52	0 14	3 37	3 20	2 56	1 30	23 43	0 21	17 13	2 2	21 28	0 6	2 53	2 6	34 44	13 29	13 46	13 43	10 2		n.a.
T 5	20 55	6 14	2 10	16 26	0 7	3 52	3 23	2 41	1 30	23 44	0 21	17 13	2 3	21 27	0 6	2 53	2 6	34 44	13 29	13 46	13 44	10 4		n.a.
F 6	21 8	2 13	3 4	16 59	0s 0	4 8	3 26	2 26	1 30	23 46	0 21	17 14	2 3	21 27	0 6	2 52	2 6	34 43	13 28	13 47	13 45	10 6		n.a.
S 7	21 19	1s51	3 50	17 31	0 7	4 25	3 28	2 11	1 30	23 47	0 21	17 14	2 3	21 26	0 6	2 52	2 6	34 43	13 28	13 49	13 46	10 8		n.a.
S 8	21 31	5 49	4 25	18 3	0 14	4 42	3 30	1 56	1 30	23 48	0 21	17 14	2 3	21 26	0 6	2 52	2 6	34 42	13 28	13 52	13 47	10 10		n.a.
M 9	21 42	9 34	4 48	18 34	0 21	4 59	3 32	1 41	1 30	23 49	0 21	17 14	2 4	21 25	0 6	2 51	2 6	34 42	13 28	13 56	13 48	10 12		n.a.
T 10	21 52	12 57	4 59	19 5	0 28	5 17	3 34	1 26	1 30	23 50	0 21	17 14	2 4	21 25	0 6	2 51	2 6	34 42	13 28	14 1	13 49	10 14		n.a.
W11	22 3	15 50	4 57	19 35	0 35	5 35	3 36	1 11	1 30	23 52	0 22	17 14	2 4	21 24	0 6	2 51	2 6	34 41	13 27	14 6	13 50	10 16		n.a.
T 12	22 12	18 5	4 42	20 4	0 41	5 53	3 37	0 56	1 30	23 53	0 22	17 15	2 4	21 24	0 6	2 51	2 5	34 41	13 27	14 10	13 51	10 18		n.a.
F 13	22 22	19 32	4 14	20 32	0 47	6 12	3 38	0 41	1 30	23 54	0 22	17 15	2 5	21 23	0 6	2 50	2 5	34 40	13 27	14 15	13 52	10 20		n.a.
S 14	22 31	20 6	3 34	21 0	0 53	6 31	3 39	0 26	1 30	23 55	0 22	17 15	2 5	21 23	0 6	2 50	2 5	34 40	13 27	14 18	13 53	10 21		n.a.
S 15	22 39	19 42	2 43	21 26	0 59	6 51	3 39	0 11	1 30	23 56	0 22	17 16	2 5	21 22	0 6	2 50	2 5	34 39	13 27	14 21	13 54	10 23		n.a.
M16	22 47	18 19	1 43	21 52	1 5	7 10	3 40	0s 4	1 30	23 57	0 22	17 16	2 6	21 22	0 6	2 50	2 5	34 39	13 26	14 22	13 55	10 25		n.a.
T 17	22 54	16 0	0 37	22 17	1 10	7 30	3 40	0 19	1 30	23 58	0 22	17 17	2 6	21 21	0 6	2 49	2 5	34 38	13 26	14 23	13 57	10 27		n.a.
W18	23 2	12 50	0s32	22 40	1 16	7 50	3 40	0 34	1 30	23 59	0 22	17 17	2 6	21 21	0 6	2 49	2 5	34 38	13 26	14 23	13 58	10 29		n.a.
T 19	23 8	8 57	1 41	23 3	1 21	8 11	3 40	0 49	1 30	24 0	0 22	17 18	2 6	21 20	0 6	2 49	2 5	34 38	13 26	14 23	13 59	10 31		n.a.
F 20	23 14	4 30	2 46	23 24	1 25	8 31	3 40	1 4	1 30	24 1	0 22	17 18	2 7	21 20	0 6	2 49	2 5	34 37	13 26	14 23	14 0	10 33		n.a.
S 21	23 20	0n17	3 43	23 44	1 30	8 52	3 39	1 19	1 30	24 2	0 23	17 19	2 7	21 20	0 6	2 49	2 5	34 37	13 25	14 23	14 1	10 35		n.a.
S 22	23 25	5 11	4 28	24 3	1 34	9 12	3 38	1 33	1 29	24 3	0 23	17 19	2 7	21 19	0 6	2 49	2 5	34 36	13 25	14 25	14 2	10 37		n.a.
M23	23 30	9 53	4 56	24 20	1 38	9 33	3 38	1 48	1 29	24 4	0 23	17 20	2 7	21 19	0 6	2 49	2 5	34 36	13 25	14 27	14 3	10 39		n.a.
T 24	23 34	14 2	5 4	24 37	1 42	9 54	3 37	2 3	1 29	24 4	0 23	17 21	2 8	21 18	0 6	2 49	2 5	34 35	13 25	14 30	14 4	10 40		n.a.
W25	23 38	17 18	4 51	24 51	1 45	10 15	3 36	2 18	1 29	24 5	0 23	17 21	2 8	21 18	0 6	2 49	2 5	34 35	13 25	14 33	14 5	10 42		n.a.
T 26	23 41	19 23	4 19	25 5	1 48	10 36	3 34	2 32	1 29	24 6	0 23	17 22	2 8	21 17	0 6	2 48	2 5	34 35	13 25	14 36	14 6	10 44		n.a.
F 27	23 44	20 8	3 29	25 16	1 51	10 57	3 33	2 47	1 29	24 7	0 23	17 23	2 8	21 17	0 6	2 48	2 4	34 34	13 25	14 38	14 7	10 46		n.a.
S 28	23 47	19 32	2 27	25 26	1 53	11 19	3 31	3 2	1 29	24 7	0 23	17 24	2 9	21 16	0 6	2 48	2 4	34 34	13 24	14 40	14 8	10 48		n.a.
S 29	23 48	17 44	1 18	25 35	1 55	11 40	3 30	3 16	1 28	24 8	0 23	17 25	2 9	21 16	0 6	2 48	2 4	34 33	13 24	14 41	14 9	10 50		n.a.
M30	23 50	15 0	0 7	25 42	1 57	12 1	3 28	3 31	1 28	24 9	0 23	17 25	2 9	21 15	0 6	2 48	2 4	34 33	13 24	14 42	14 10	10 52		n.a.
T 31	23s51	11n36	1n 3	25s47	1s58	12s22	3n26	3s46	1n28	24s10	0s24	17n26	2n 9	21n15	0n 6	2n48	2s 4	34s33	13s24	14n42	14n11	10s54		n.a.

Julian Day Number = 1207120.5, Delta T = 09h16m40s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'18, Lahiri = -23°23'17 Julian Calendar 1 Dec. 1409 BCE == Greg. Calendar 18 Nov. 1409 BCE

The year -1408 astronomical counting style corresponds to year 1409 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

JANUARY 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 52 3	29♐26'41	15♍30	28♐ 3	12♏48	13♎19	25♐21	18°R57	3°R 4	11°R42	25♑33	21♌11	22♌39	12♏ 7	n.a.	W 1
T 2	5 56 0	0♑27'22	27°48	29°50	13°51	13°56	25°35	18♌55	3♊ 2	11♈42	25°35	21°R12	22°35	12°14	n.a.	T 2
F 3	5 59 57	1°28'01	9♎52	1♑37	14°54	14°32	25°49	18°52	2°59	11°42	25°36	21°11	22°32	12°21	n.a.	F 3
S 4	6 3 53	2°28'39	21°47	3°25	15°57	15° 8	26° 3	18°50	2°57	11°D42	25°38	21° 9	22°29	12°27	n.a.	S 4
S 5	6 7 50	3°29'16	3♏38	5°14	17° 0	15°44	26°18	18°47	2°55	11°42	25°39	21° 5	22°26	12°34	n.a.	S 5
M 6	6 11 46	4°29'51	15°29	7° 3	18° 4	16°20	26°32	18°45	2°53	11°42	25°41	20°58	22°23	12°41	n.a.	M 6
T 7	6 15 43	5°30'25	27°24	8°53	19° 8	16°56	26°46	18°42	2°51	11°42	25°42	20°51	22°20	12°47	n.a.	T 7
W 8	6 19 39	6°30'57	9♐25	10°44	20°13	17°32	27° 0	18°39	2°49	11°42	25°44	20°42	22°16	12°54	n.a.	W 8
T 9	6 23 36	7°31'28	21°36	12°35	21°17	18° 8	27°14	18°36	2°47	11°42	25°46	20°33	22°13	13° 1	n.a.	T 9
F 10	6 27 32	8°31'56	3♑56	14°27	22°22	18°44	27°29	18°34	2°45	11°43	25°47	20°25	22°10	13° 8	n.a.	F 10
S 11	6 31 29	9°32'23	16°27	16°19	23°27	19°20	27°43	18°31	2°43	11°43	25°49	20°19	22° 7	13°14	n.a.	S 11
S 12	6 35 26	10°32'49	29° 9	18°12	24°32	19°55	27°57	18°27	2°41	11°43	25°50	20°15	22° 4	13°21	n.a.	S 12
M13	6 39 22	11°33'12	12♒ 2	20° 4	25°38	20°31	28°11	18°24	2°39	11°43	25°52	20°13	22° 0	13°28	n.a.	M13
T 14	6 43 19	12°33'33	25° 7	21°57	26°43	21° 7	28°25	18°21	2°37	11°44	25°53	20°D13	21°57	13°35	n.a.	T 14
W15	6 47 15	13°33'52	8♓25	23°49	27°49	21°42	28°39	18°18	2°35	11°44	25°55	20°14	21°54	13°41	n.a.	W15
T 16	6 51 12	14°34'08	21°56	25°40	28°55	22°18	28°53	18°14	2°34	11°45	25°57	20°15	21°51	13°48	n.a.	T 16
F 17	6 55 8	15°34'23	5♈40	27°31	0♐ 1	22°53	29° 7	18°11	2°32	11°45	25°58	20°17	21°48	13°55	n.a.	F 17
S 18	6 59 5	16°34'35	19°39	29°20	1° 8	23°29	29°21	18° 7	2°30	11°46	26° 0	20°R17	21°45	14° 1	n.a.	S 18
S 19	7 3 1	17°34'45	3♉51	1♒ 8	2°14	24° 4	29°35	18° 4	2°29	11°46	26° 1	20°16	21°41	14° 8	n.a.	S 19
M20	7 6 58	18°34'52	18°15	2°54	3°21	24°39	29°49	18° 0	2°27	11°47	26° 3	20°13	21°38	14°15	n.a.	M20
T 21	7 10 55	19°34'58	2♊47	4°37	4°28	25°14	0♑ 3	17°56	2°25	11°47	26° 5	20°10	21°35	14°22	n.a.	T 21
W22	7 14 51	20°35'01	17°23	6°17	5°35	25°49	0°17	17°52	2°24	11°48	26° 6	20° 5	21°32	14°28	n.a.	W22
T 23	7 18 48	21°35'02	1♋54	7°54	6°42	26°24	0°31	17°49	2°22	11°48	26° 8	20° 1	21°29	14°35	n.a.	T 23
F 24	7 22 44	22°35'01	16°17	9°26	7°50	26°59	0°44	17°45	2°21	11°49	26° 9	19°57	21°26	14°42	n.a.	F 24
S 25	7 26 41	23°34'57	0♌23	10°54	8°57	27°34	0°58	17°41	2°20	11°50	26°11	19°55	21°22	14°49	n.a.	S 25
S 26	7 30 37	24°34'52	14°10	12°17	10° 5	28° 9	1°12	17°37	2°18	11°51	26°13	19°D54	21°19	14°55	n.a.	S 26
M27	7 34 34	25°34'44	27°35	13°34	11°13	28°43	1°26	17°33	2°17	11°51	26°14	19°54	21°16	15° 2	n.a.	M27
T 28	7 38 30	26°34'35	10♍37	14°45	12°20	29°18	1°39	17°28	2°16	11°52	26°16	19°55	21°13	15° 9	n.a.	T 28
W29	7 42 27	27°34'23	23°18	15°48	13°28	29°53	1°53	17°24	2°15	11°53	26°17	19°56	21°10	15°15	n.a.	W29
T 30	7 46 24	28°34'10	5♎40	16°45	14°37	0♏27	2° 6	17°20	2°13	11°54	26°19	19°58	21° 6	15°22	n.a.	T 30
F 31	7 50 20	29♑33'54	17♎48	17♒34	15♐45	1♏ 1	2♑20	17♌16	2♊12	11♈55	26♑21	19♌59	21♌ 3	15♏29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s51	7n46	2n 7	25s50	1s59	12s43	3n24	4s 0	1n28	24s10	0s24	17n27	2n10	21n15	0n 6	2n48	2s 4	34s32	13s24	14n41	14n12	10s56			n.a.
T 2	23 51	3 42	3 4	25 51	2 0	13 4	3 22	4 14	1 28	24 11	0 24	17 28	2 10	21 14	0 6	2 48	2 4	34 32	13 24	14 41	14 13	10 58			n.a.
F 3	23 51	0s26	3 52	25 50	1 59	13 25	3 20	4 29	1 28	24 11	0 24	17 29	2 10	21 14	0 6	2 48	2 4	34 31	13 24	14 41	14 15	10 59			n.a.
S 4	23 50	4 29	4 28	25 48	1 59	13 45	3 17	4 43	1 27	24 12	0 24	17 30	2 10	21 13	0 6	2 49	2 4	34 31	13 24	14 42	14 16	11 1			n.a.
S 5	23 49	8 21	4 54	25 43	1 58	14 6	3 15	4 58	1 27	24 12	0 24	17 31	2 11	21 13	0 6	2 49	2 4	34 30	13 24	14 43	14 17	11 3			n.a.
M 6	23 47	11 53	5 6	25 36	1 56	14 26	3 12	5 12	1 27	24 13	0 24	17 32	2 11	21 12	0 6	2 49	2 4	34 30	13 23	14 45	14 18	11 5			n.a.
T 7	23 44	14 58	5 6	25 27	1 54	14 46	3 10	5 26	1 27	24 13	0 24	17 33	2 11	21 12	0 6	2 49	2 4	34 30	13 23	14 48	14 19	11 7			n.a.
W 8	23 42	17 27	4 52	25 16	1 51	15 7	3 7	5 40	1 26	24 14	0 25	17 34	2 11	21 12	0 6	2 49	2 4	34 29	13 23	14 51	14 20	11 9			n.a.
T 9	23 38	19 12	4 24	25 3	1 48	15 26	3 4	5 54	1 26	24 14	0 25	17 36	2 12	21 11	0 6	2 49	2 4	34 29	13 23	14 53	14 21	11 11			n.a.
F 10	23 35	20 4	3 44	24 47	1 44	15 46	3 1	6 9	1 26	24 15	0 25	17 37	2 12	21 11	0 6	2 49	2 3	34 29	13 23	14 56	14 22	11 13			n.a.
S 11	23 30	19 58	2 53	24 29	1 40	16 5	2 58	6 23	1 26	24 15	0 25	17 38	2 12	21 10	0 6	2 49	2 3	34 28	13 23	14 58	14 23	11 15			n.a.
S 12	23 26	18 52	1 52	24 10	1 35	16 25	2 55	6 37	1 25	24 16	0 25	17 39	2 12	21 10	0 7	2 50	2 3	34 28	13 23	14 59	14 24	11 16			n.a.
M13	23 21	16 46	0 44	23 47	1 29	16 43	2 52	6 50	1 25	24 16	0 25	17 40	2 12	21 10	0 7	2 50	2 3	34 27	13 23	15 0	14 25	11 18			n.a.
T 14	23 15	13 47	0s27	23 23	1 22	17 2	2 49	7 4	1 25	24 16	0 25	17 41	2 13	21 9	0 7	2 50	2 3	34 27	13 23	15 0	14 26	11 20			n.a.
W15	23 9	10 4	1 38	22 57	1 15	17 20	2 45	7 18	1 24	24 16	0 25	17 43	2 13	21 9	0 7	2 50	2 3	34 27	13 23	15 0	14 27	11 22			n.a.
T 16	23 3	5 46	2 44	22 28	1 7	17 38	2 42	7 32	1 24	24 17	0 25	17 44	2 13	21 9	0 7	2 50	2 3	34 26	13 23	14 59	14 28	11 24			n.a.
F 17	22 56	1 6	3 43	21 58	0 58	17 56	2 38	7 45	1 24	24 17	0 26	17 45	2 13	21 8	0 7	2 51	2 3	34 26	13 23	14 59	14 29	11 26			n.a.
S 18	22 49	3n41	4 29	21 26	0 49	18 13	2 35	7 59	1 23	24 17	0 26	17 47	2 13	21 8	0 7	2 51	2 3	34 26	13 23	14 59	14 30	11 28			n.a.
S 19	22 41	8 20	5 0	20 53	0 39	18 30	2 31	8 13	1 23	24 17	0 26	17 48	2 14	21 8	0 7	2 51	2 3	34 25	13 23	14 59	14 31	11 30			n.a.
M20	22 33	12 34	5 12	20 18	0 28	18 47	2 28	8 26	1 23	24 17	0 26	17 49	2 14	21 7	0 7	2 51	2 3	34 25	13 23	15 0	14 32	11 31			n.a.
T 21	22 24	16 6	5 5	19 42	0 16	19 3	2 24	8 39	1 22	24 18	0 26	17 51	2 14	21 7	0 7	2 52	2 3	34 24	13 23	15 1	14 33	11 33			n.a.
W22	22 15	18 38	4 38	19 5	0 4	19 19	2 20	8 53	1 22	24 18	0 26	17 52	2 14	21 7	0 7	2 52	2 3	34 24	13 23	15 2	14 34	11 35			n.a.
T 23	22 6	19 58	3 53	18 28	0n 9	19 34	2 17	9 6	1 21	24 18	0 26	17 53	2 14	21 6	0 7	2 52	2 2	34 24	13 23	15 4	14 35	11 37			n.a.
F 24	21 56	19 58	2 54	17 51	0 22	19 49	2 13	9 19	1 21	24 18	0 27	17 55	2 15	21 6	0 7	2 53	2 2	34 23	13 23	15 5	14 36	11 39			n.a.
S 25	21 46	18 43	1 45	17 13	0 36	20 3	2 9	9 32	1 21	24 18	0 27	17 56	2 15	21 6	0 7	2 53	2 2	34 23	13 23	15 6	14 38	11 41			n.a.
S 26	21 35	16 22	0 31	16 37	0 50	20 17	2 5	9 45	1 20	24 18	0 27	17 58	2 15	21 6	0 7	2 53	2 2	34 23	13 23	15 6	14 39	11 43			n.a.
M27	21 24	13 11	0n42	16 1	1 5	20 31	2 1	9 58	1 20	24 18	0 27	17 59	2 15	21 5	0 7	2 54	2 2	34 23	13 23	15 6	14 40	11 44			n.a.
T 28	21 12	9 26	1 52	15 26	1 19	20 44	1 57	10 11	1 19	24 18	0 27	18 0	2 15	21 5	0 7	2 54	2 2	34 22	13 23	15 6	14 41	11 46			n.a.
W29	21 1	5 21	2 54	14 53	1 34	20 56	1 53	10 24	1 19	24 18	0 27	18 2	2 15	21 5	0 7	2 55	2 2	34 22	13 23	15 5	14 42	11 48			n.a.
T 30	20 48	1 9	3 46	14 22	1 49	21 8	1 50	10 37	1 18	24 18	0 27	18 3	2 16	21 5	0 7	2 55	2 2	34 22	13 23	15 5	14 43	11 50			n.a.
F 31	20s36	3s 0	4n27	13s53	2n 3	21s20	1n46	10s49	1n18	24s18	0s27	18n 5	2n16	21n 4	0n 7	2n55	2s 2	34s21	13s23	15n 4	14n44	11s52			n.a.

Julian Day Number = 1207151.5, Delta T = 09h16m38s
Ecliptic obliquity = 23°51'30, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'14, Lahiri = -23°23'13 Julian Calendar 1 Jan. 1408 BCE == Greg. Calendar 19 Dec. 1409 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

FEBRUARY 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 54 17	0♒33'37	29♎47	18♒15	16♐53	1♏36	2♑33	17°R11	2°R11	11♈56	26♑22	20°R 0	21♌ 0	15♏36	n.a.	S 1
S 2	7 58 13	1°33'18	11♏40	18°48	18° 2	2°10	2°47	17♌ 7	2♊10	11°57	26°24	19♌59	20°57	15°42	n.a.	S 2
M 3	8 2 10	2°32'57	23°32	19°12	19°10	2°44	3° 0	17° 3	2° 9	11°58	26°26	19°58	20°54	15°49	n.a.	M 3
T 4	8 6 6	3°32'34	5♐29	19°28	20°19	3°18	3°14	16°58	2° 9	11°59	26°27	19°56	20°51	15°56	n.a.	T 4
W 5	8 10 3	4°32'10	17°34	19°R36	21°28	3°52	3°27	16°54	2° 8	12° 0	26°29	19°54	20°47	16° 2	n.a.	W 5
T 6	8 13 59	5°31'43	29°50	19°35	22°37	4°26	3°40	16°49	2° 7	12° 1	26°30	19°52	20°44	16° 9	n.a.	T 6
F 7	8 17 56	6°31'14	12♑20	19°26	23°46	4°59	3°53	16°45	2° 6	12° 2	26°32	19°50	20°41	16°16	n.a.	F 7
S 8	8 21 52	7°30'43	25° 5	19°10	24°55	5°33	4° 6	16°40	2° 6	12° 3	26°34	19°48	20°38	16°23	n.a.	S 8
S 9	8 25 49	8°30'10	8♒ 5	18°46	26° 4	6° 6	4°19	16°36	2° 5	12° 4	26°35	19°47	20°35	16°29	n.a.	S 9
M10	8 29 46	9°29'35	21°21	18°15	27°13	6°40	4°32	16°31	2° 4	12° 6	26°37	19°D47	20°32	16°36	n.a.	M10
T 11	8 33 42	10°28'58	4♓52	17°39	28°23	7°13	4°45	16°27	2° 4	12° 7	26°38	19°47	20°28	16°43	n.a.	T 11
W12	8 37 39	11°28'18	18°35	16°57	29°32	7°46	4°58	16°22	2° 3	12° 8	26°40	19°48	20°25	16°50	n.a.	W12
T 13	8 41 35	12°27'35	2♈28	16°12	0♑42	8°19	5°11	16°17	2° 3	12° 9	26°41	19°49	20°22	16°56	n.a.	T 13
F 14	8 45 32	13°26'51	16°30	15°23	1°51	8°52	5°24	16°13	2° 3	12°11	26°43	19°49	20°19	17° 3	n.a.	F 14
S 15	8 49 28	14°26'03	0♉38	14°32	3° 1	9°25	5°36	16° 8	2° 2	12°12	26°45	19°50	20°16	17°10	n.a.	S 15
S 16	8 53 25	15°25'14	14°50	13°40	4°10	9°57	5°49	16° 4	2° 2	12°13	26°46	19°R50	20°12	17°16	n.a.	S 16
M17	8 57 21	16°24'22	29° 3	12°49	5°20	10°30	6° 1	15°59	2° 2	12°15	26°48	19°50	20° 9	17°23	n.a.	M17
T 18	9 1 18	17°23'27	13♊16	11°58	6°30	11° 2	6°14	15°54	2° 2	12°16	26°49	19°50	20° 6	17°30	n.a.	T 18
W19	9 5 14	18°22'30	27°25	11°10	7°40	11°34	6°26	15°50	2° 2	12°18	26°51	19°49	20° 3	17°37	n.a.	W19
T 20	9 9 11	19°21'30	11♋27	10°24	8°50	12° 6	6°39	15°45	2°D 2	12°19	26°52	19°D49	20° 0	17°43	n.a.	T 20
F 21	9 13 8	20°20'28	25°20	9°42	10° 0	12°38	6°51	15°40	2° 2	12°21	26°54	19°49	19°57	17°50	n.a.	F 21
S 22	9 17 4	21°19'24	9♌ 1	9° 4	11°10	13°10	7° 3	15°36	2° 2	12°22	26°55	19°49	19°53	17°57	n.a.	S 22
S 23	9 21 1	22°18'18	22°27	8°30	12°20	13°42	7°15	15°31	2° 2	12°24	26°57	19°R49	19°50	18° 4	n.a.	S 23
M24	9 24 57	23°17'09	5♍37	8° 2	13°30	14°13	7°27	15°27	2° 2	12°25	26°58	19°49	19°47	18°10	n.a.	M24
T 25	9 28 54	24°15'58	18°30	7°39	14°40	14°44	7°39	15°22	2° 2	12°27	27° 0	19°49	19°44	18°17	n.a.	T 25
W26	9 32 50	25°14'45	1♎ 7	7°21	15°51	15°16	7°51	15°18	2° 2	12°29	27° 1	19°48	19°41	18°24	n.a.	W26
T 27	9 36 47	26°13'30	13°28	7° 9	17° 1	15°47	8° 3	15°13	2° 3	12°30	27° 3	19°48	19°38	18°30	n.a.	T 27
F 28	9 40 43	27♒12'13	25♎37	7♒ 2	18♑12	16♏17	8♑15	15♌ 9	2♊ 3	12♈32	27♑ 4	19♌47	19♌34	18♏37	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s23	6s59	4n56	13s27	2n17	21s31	1n42	11s 2	1n17	24s18	0s28	18n 6	2n16	21n 4	0n 7	2n56	2s 2	34s21	13s23	15n 4	14n45	11s54		n.a.
S 2	20 10	10 39	5 12	13 4	2 31	21 41	1 38	11 15	1 16	24 17	0 28	18 8	2 16	21 4	0 7	2 56	2 2	34 21	13 23	15 4	14 46	11 56		n.a.
M 3	19 56	13 54	5 15	12 43	2 44	21 51	1 34	11 27	1 16	24 17	0 28	18 9	2 16	21 4	0 7	2 57	2 2	34 20	13 23	15 5	14 47	11 58		n.a.
T 4	19 42	16 37	5 4	12 27	2 57	22 1	1 30	11 39	1 15	24 17	0 28	18 11	2 16	21 4	0 7	2 57	2 2	34 20	13 23	15 5	14 48	11 59		n.a.
W 5	19 28	18 38	4 40	12 14	3 8	22 9	1 25	11 52	1 15	24 17	0 28	18 12	2 16	21 4	0 7	2 58	2 2	34 20	13 23	15 6	14 49	12 1		n.a.
T 6	19 13	19 49	4 2	12 4	3 18	22 18	1 21	12 4	1 14	24 17	0 28	18 14	2 16	21 3	0 7	2 58	2 2	34 20	13 23	15 7	14 50	12 3		n.a.
F 7	18 58	20 5	3 13	11 58	3 27	22 25	1 17	12 16	1 13	24 17	0 28	18 15	2 17	21 3	0 7	2 59	2 1	34 19	13 23	15 7	14 51	12 5		n.a.
S 8	18 43	19 19	2 12	11 56	3 35	22 32	1 13	12 28	1 13	24 16	0 29	18 17	2 17	21 3	0 7	2 59	2 1	34 19	13 24	15 8	14 52	12 7		n.a.
S 9	18 27	17 32	1 4	11 58	3 41	22 39	1 9	12 40	1 12	24 16	0 29	18 18	2 17	21 3	0 7	3 0	2 1	34 19	13 24	15 8	14 53	12 9		n.a.
M10	18 11	14 46	0s 9	12 3	3 46	22 44	1 5	12 51	1 11	24 16	0 29	18 20	2 17	21 3	0 7	3 0	2 1	34 19	13 24	15 8	14 54	12 10		n.a.
T 11	17 55	11 10	1 23	12 12	3 48	22 50	1 1	13 3	1 10	24 15	0 29	18 21	2 17	21 3	0 7	3 1	2 1	34 18	13 24	15 8	14 55	12 12		n.a.
W12	17 39	6 56	2 33	12 23	3 49	22 54	0 57	13 15	1 10	24 15	0 29	18 23	2 17	21 3	0 7	3 1	2 1	34 18	13 24	15 8	14 56	12 14		n.a.
T 13	17 22	2 17	3 35	12 38	3 48	22 58	0 53	13 26	1 9	24 15	0 29	18 24	2 17	21 3	0 7	3 2	2 1	34 18	13 24	15 8	14 57	12 16		n.a.
F 14	17 5	2n32	4 25	12 55	3 45	23 1	0 49	13 38	1 8	24 14	0 30	18 26	2 17	21 3	0 7	3 3	2 1	34 18	13 24	15 8	14 58	12 18		n.a.
S 15	16 47	7 13	4 59	13 15	3 41	23 4	0 45	13 49	1 7	24 14	0 30	18 27	2 17	21 2	0 7	3 3	2 1	34 17	13 24	15 7	14 59	12 20		n.a.
S 16	16 30	11 32	5 16	13 36	3 34	23 6	0 41	14 0	1 6	24 14	0 30	18 29	2 17	21 2	0 7	3 4	2 1	34 17	13 24	15 7	15 0	12 22		n.a.
M17	16 12	15 13	5 13	13 58	3 26	23 8	0 37	14 11	1 6	24 13	0 30	18 30	2 17	21 2	0 7	3 4	2 1	34 17	13 25	15 7	15 1	12 23		n.a.
T 18	15 54	17 59	4 51	14 22	3 16	23 8	0 34	14 23	1 5	24 13	0 30	18 32	2 17	21 2	0 7	3 5	2 1	34 17	13 25	15 8	15 2	12 25		n.a.
W19	15 35	19 39	4 11	14 46	3 6	23 8	0 30	14 33	1 4	24 12	0 30	18 33	2 18	21 2	0 7	3 6	2 1	34 17	13 25	15 8	15 3	12 27		n.a.
T 20	15 16	20 5	3 17	15 10	2 53	23 8	0 26	14 44	1 3	24 12	0 31	18 35	2 18	21 2	0 7	3 6	2 1	34 17	13 25	15 8	15 4	12 29		n.a.
F 21	14 58	19 17	2 12	15 34	2 40	23 6	0 22	14 55	1 2	24 11	0 31	18 36	2 18	21 2	0 7	3 7	2 1	34 16	13 25	15 8	15 5	12 31		n.a.
S 22	14 38	17 22	1 0	15 57	2 27	23 5	0 18	15 6	1 1	24 11	0 31	18 38	2 18	21 2	0 7	3 8	2 1	34 16	13 25	15 8	15 6	12 33		n.a.
S 23	14 19	14 30	0n15	16 20	2 12	23 2	0 15	15 16	1 0	24 10	0 31	18 39	2 18	21 2	0 7	3 8	2 0	34 16	13 26	15 8	15 7	12 34		n.a.
M24	14 0	10 57	1 26	16 41	1 57	22 59	0 11	15 27	0 59	24 10	0 31	18 40	2 18	21 2	0 7	3 9	2 0	34 16	13 26	15 8	15 8	12 36		n.a.
T 25	13 40	6 57	2 32	17 2	1 42	22 55	0 7	15 37	0 58	24 9	0 31	18 42	2 18	21 3	0 7	3 10	2 0	34 16	13 26	15 8	15 9	12 38		n.a.
W26	13 20	2 45	3 29	17 21	1 27	22 50	0 4	15 47	0 57	24 9	0 32	18 43	2 18	21 3	0 7	3 10	2 0	34 16	13 26	15 8	15 10	12 40		n.a.
T 27	13 0	1s30	4 15	17 39	1 12	22 45	0s 0	15 58	0 56	24 8	0 32	18 45	2 18	21 3	0 7	3 11	2 0	34 15	13 26	15 8	15 11	12 42		n.a.
F 28	12s39	5s36	4n49	17s55	0n57	22s39	0s 4	16s 8	0n55	24s 8	0s32	18n46	2n18	21n 3	0n 7	3n12	2s 0	34s15	13s26	15n 8	15n12	12s43		n.a.

Julian Day Number = 1207182.5, Delta T = 09h16m36s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'09, Lahiri = -23°23'09 Julian Calendar 1 Feb. 1408 BCE == Greg. Calendar 19 Jan. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

MARCH 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 44 40	28♒10'54	7♏37	7°D 1	19♑22	16♏48	8♑26	15°R 4	2♊ 4	12♈34	27♑ 5	19°R46	19♌31	18♏44	n.a.	S 1
S 2	9 48 36	29° 9'34	19°31	7♒ 5	20°33	17°19	8°38	15♌ 0	2° 4	12°35	27° 7	19♌45	19°28	18°51	n.a.	S 2
M 3	9 52 33	0♓ 8'11	1♐25	7°14	21°43	17°49	8°49	14°55	2° 5	12°37	27° 8	19°D45	19°25	18°57	n.a.	M 3
T 4	9 56 30	1° 6'47	13°22	7°29	22°54	18°19	9° 1	14°51	2° 5	12°39	27°10	19°45	19°22	19° 4	n.a.	T 4
W 5	10 0 26	2° 5'21	25°27	7°48	24° 4	18°49	9°12	14°47	2° 6	12°41	27°11	19°46	19°18	19°11	n.a.	W 5
T 6	10 4 23	3° 3'53	7♑45	8°11	25°15	19°19	9°23	14°42	2° 7	12°43	27°12	19°47	19°15	19°18	n.a.	T 6
F 7	10 8 19	4° 2'24	20°19	8°40	26°26	19°48	9°34	14°38	2° 7	12°44	27°14	19°49	19°12	19°24	n.a.	F 7
S 8	10 12 16	5° 0'52	3♒13	9°12	27°37	20°17	9°45	14°34	2° 8	12°46	27°15	19°50	19° 9	19°31	n.a.	S 8
S 9	10 16 12	5°59'19	16°27	9°48	28°48	20°46	9°56	14°30	2° 9	12°48	27°16	19°R50	19° 6	19°38	n.a.	S 9
M10	10 20 9	6°57'43	0♓ 2	10°29	29°58	21°15	10° 7	14°26	2°10	12°50	27°18	19°50	19° 3	19°44	n.a.	M10
T 11	10 24 5	7°56'06	13°57	11°13	1♒ 9	21°44	10°17	14°21	2°11	12°52	27°19	19°49	18°59	19°51	n.a.	T 11
W12	10 28 2	8°54'27	28° 8	12° 0	2°20	22°12	10°28	14°17	2°12	12°54	27°20	19°47	18°56	19°58	n.a.	W12
T 13	10 31 58	9°52'45	12♈30	12°51	3°31	22°40	10°39	14°14	2°13	12°56	27°22	19°44	18°53	20° 5	n.a.	T 13
F 14	10 35 55	10°51'01	26°58	13°45	4°42	23° 8	10°49	14°10	2°14	12°58	27°23	19°42	18°50	20°11	n.a.	F 14
S 15	10 39 52	11°49'16	11♉26	14°42	5°53	23°36	10°59	14° 6	2°15	13° 0	27°24	19°39	18°47	20°18	n.a.	S 15
S 16	10 43 48	12°47'28	25°50	15°43	7° 4	24° 3	11° 9	14° 2	2°17	13° 2	27°25	19°37	18°43	20°25	n.a.	S 16
M17	10 47 45	13°45'38	10♊ 5	16°45	8°16	24°30	11°19	13°58	2°18	13° 4	27°26	19°D36	18°40	20°31	n.a.	M17
T 18	10 51 41	14°43'45	24°10	17°51	9°27	24°57	11°29	13°55	2°19	13° 6	27°28	19°37	18°37	20°38	n.a.	T 18
W19	10 55 38	15°41'51	8♋ 3	18°59	10°38	25°24	11°39	13°51	2°21	13° 8	27°29	19°38	18°34	20°45	n.a.	W19
T 20	10 59 34	16°39'55	21°43	20°10	11°49	25°50	11°49	13°48	2°22	13°10	27°30	19°39	18°31	20°52	n.a.	T 20
F 21	11 3 31	17°37'56	5♌10	21°23	13° 0	26°16	11°59	13°44	2°23	13°12	27°31	19°41	18°28	20°58	n.a.	F 21
S 22	11 7 27	18°35'55	18°25	22°39	14°12	26°42	12° 8	13°41	2°25	13°14	27°32	19°R41	18°24	21° 5	n.a.	S 22
S 23	11 11 24	19°33'53	1♍27	23°57	15°23	27° 7	12°17	13°37	2°27	13°16	27°33	19°41	18°21	21°12	n.a.	S 23
M24	11 15 21	20°31'48	14°17	25°17	16°34	27°33	12°27	13°34	2°28	13°18	27°34	19°39	18°18	21°19	n.a.	M24
T 25	11 19 17	21°29'42	26°54	26°39	17°46	27°57	12°36	13°31	2°30	13°20	27°35	19°35	18°15	21°25	n.a.	T 25
W26	11 23 14	22°27'34	9♎20	28° 4	18°57	28°22	12°45	13°28	2°32	13°22	27°37	19°30	18°12	21°32	n.a.	W26
T 27	11 27 10	23°25'24	21°35	29°30	20° 9	28°46	12°54	13°25	2°33	13°24	27°38	19°24	18° 9	21°39	n.a.	T 27
F 28	11 31 7	24°23'13	3♏41	0♓59	21°20	29°10	13° 2	13°22	2°35	13°26	27°39	19°18	18° 5	21°45	n.a.	F 28
S 29	11 35 3	25°21'01	15°39	2°30	22°31	29°34	13°11	13°19	2°37	13°29	27°40	19°13	18° 2	21°52	n.a.	S 29
S 30	11 39 0	26°18'47	27°33	4° 3	23°43	29°57	13°19	13°16	2°39	13°31	27°40	19° 8	17°59	21°59	n.a.	S 30
M31	11 42 56	27♓16'31	9♐25	5♓38	24♒55	0♐19	13♑28	13♌14	2♊41	13♈33	27♑41	19♌ 5	17♌56	22♏ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s19	9s25	5n10	18s10	0n42	22s33	0s 7	16s18	0n54	24s 7	0s32	18n47	2n18	21n 3	0n 7	3n12	2s 0	34s15	13s27	15n 9	15n13	12s45		n.a.
S 2	11 58	12 50	5 17	18 23	0 27	22 26	0 11	16 28	0 52	24 7	0 32	18 49	2 18	21 3	0 7	3 13	2 0	34 15	13 27	15 9	15 14	12 47		n.a.
M 3	11 37	15 45	5 10	18 35	0 13	22 18	0 14	16 37	0 51	24 6	0 32	18 50	2 18	21 3	0 7	3 14	2 0	34 15	13 27	15 9	15 15	12 49		n.a.
T 4	11 16	18 0	4 50	18 44	0s 1	22 10	0 17	16 47	0 50	24 5	0 33	18 51	2 18	21 3	0 7	3 15	2 0	34 15	13 27	15 9	15 16	12 51		n.a.
W 5	10 55	19 29	4 17	18 52	0 14	22 1	0 21	16 57	0 49	24 5	0 33	18 53	2 18	21 3	0 7	3 15	2 0	34 15	13 27	15 9	15 17	12 53		n.a.
T 6	10 33	20 6	3 32	18 58	0 27	21 51	0 24	17 6	0 47	24 4	0 33	18 54	2 18	21 3	0 7	3 16	2 0	34 15	13 28	15 8	15 18	12 54		n.a.
F 7	10 12	19 43	2 36	19 2	0 39	21 41	0 27	17 16	0 46	24 4	0 33	18 55	2 18	21 4	0 7	3 17	2 0	34 15	13 28	15 8	15 19	12 56		n.a.
S 8	9 50	18 19	1 31	19 5	0 51	21 30	0 30	17 25	0 45	24 3	0 33	18 56	2 18	21 4	0 7	3 18	2 0	34 15	13 28	15 8	15 20	12 58		n.a.
S 9	9 28	15 53	0 19	19 5	1 2	21 18	0 33	17 34	0 43	24 2	0 34	18 58	2 18	21 4	0 7	3 18	2 0	34 14	13 28	15 7	15 22	13 0		n.a.
M10	9 6	12 32	0s56	19 4	1 12	21 6	0 36	17 43	0 42	24 2	0 34	18 59	2 18	21 4	0 7	3 19	2 0	34 14	13 29	15 7	15 23	13 2		n.a.
T 11	8 44	8 24	2 9	19 2	1 22	20 53	0 39	17 52	0 40	24 1	0 34	19 0	2 18	21 4	0 7	3 20	2 0	34 14	13 29	15 8	15 24	13 3		n.a.
W12	8 22	3 44	3 16	18 57	1 31	20 40	0 42	18 1	0 39	24 0	0 34	19 1	2 18	21 5	0 7	3 21	2 0	34 14	13 29	15 8	15 25	13 5		n.a.
T 13	8 0	1n11	4 11	18 51	1 40	20 26	0 45	18 10	0 37	24 0	0 34	19 2	2 18	21 5	0 7	3 22	2 0	34 14	13 29	15 9	15 26	13 7		n.a.
F 14	7 37	6 4	4 50	18 42	1 48	20 12	0 48	18 18	0 36	23 59	0 35	19 3	2 17	21 5	0 7	3 22	2 0	34 14	13 29	15 10	15 27	13 9		n.a.
S 15	7 15	10 36	5 11	18 32	1 55	19 57	0 50	18 27	0 34	23 58	0 35	19 5	2 17	21 5	0 7	3 23	2 0	34 14	13 30	15 11	15 28	13 11		n.a.
S 16	6 52	14 29	5 13	18 21	2 2	19 41	0 53	18 35	0 33	23 58	0 35	19 6	2 17	21 5	0 7	3 24	2 0	34 14	13 30	15 11	15 29	13 12		n.a.
M17	6 30	17 30	4 55	18 7	2 8	19 25	0 56	18 44	0 31	23 57	0 35	19 7	2 17	21 6	0 7	3 25	1 59	34 14	13 30	15 12	15 30	13 14		n.a.
T 18	6 7	19 25	4 19	17 52	2 14	19 8	0 58	18 52	0 29	23 56	0 35	19 8	2 17	21 6	0 7	3 26	1 59	34 14	13 31	15 12	15 31	13 16		n.a.
W19	5 44	20 8	3 29	17 35	2 19	18 51	1 1	19 0	0 27	23 56	0 36	19 9	2 17	21 6	0 7	3 27	1 59	34 14	13 31	15 11	15 32	13 18		n.a.
T 20	5 21	19 39	2 28	17 16	2 23	18 33	1 3	19 8	0 26	23 55	0 36	19 10	2 17	21 7	0 7	3 27	1 59	34 14	13 31	15 11	15 33	13 20		n.a.
F 21	4 58	18 2	1 19	16 56	2 27	18 15	1 5	19 16	0 24	23 54	0 36	19 11	2 17	21 7	0 7	3 28	1 59	34 14	13 31	15 10	15 34	13 21		n.a.
S 22	4 35	15 28	0 7	16 34	2 30	17 56	1 8	19 24	0 22	23 54	0 36	19 11	2 17	21 7	0 7	3 29	1 59	34 14	13 32	15 10	15 35	13 23		n.a.
S 23	4 12	12 8	1n 4	16 10	2 33	17 37	1 10	19 32	0 20	23 53	0 36	19 12	2 17	21 8	0 7	3 30	1 59	34 14	13 32	15 10	15 36	13 25		n.a.
M24	3 49	8 18	2 10	15 44	2 35	17 17	1 12	19 40	0 18	23 52	0 37	19 13	2 17	21 8	0 7	3 31	1 59	34 14	13 32	15 11	15 37	13 27		n.a.
T 25	3 26	4 8	3 9	15 17	2 36	16 57	1 14	19 47	0 16	23 52	0 37	19 14	2 17	21 8	0 7	3 32	1 59	34 14	13 32	15 12	15 38	13 29		n.a.
W26	3 3	0s 7	3 58	14 48	2 37	16 36	1 16	19 55	0 14	23 51	0 37	19 15	2 17	21 9	0 7	3 32	1 59	34 14	13 33	15 14	15 39	13 30		n.a.
T 27	2 39	4 19	4 35	14 17	2 37	16 15	1 18	20 2	0 12	23 50	0 37	19 16	2 16	21 9	0 7	3 33	1 59	34 14	13 33	15 16	15 40	13 32		n.a.
F 28	2 16	8 17	4 59	13 45	2 36	15 53	1 19	20 10	0 10	23 50	0 38	19 16	2 16	21 9	0 7	3 34	1 59	34 15	13 33	15 18	15 41	13 34		n.a.
S 29	1 53	11 52	5 10	13 10	2 35	15 31	1 21	20 17	0 8	23 49	0 38	19 17	2 16	21 10	0 7	3 35	1 59	34 15	13 34	15 19	15 42	13 36		n.a.
S 30	1 29	14 58	5 7	12 35	2 34	15 9	1 23	20 24	0 5	23 48	0 38	19 18	2 16	21 10	0 7	3 36	1 59	34 15	13 34	15 21	15 43	13 37		n.a.
M31	1s 6	17s27	4n51	11s57	2s32	14s46	1s24	20s31	0n 3	23s48	0s38	19n19	2n16	21n10	0n 7	3n37	1s59	34s15	13s34	15n22	15n43	13s39		n.a.

Julian Day Number = 1207210.5, Delta T = 09h16m35s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'06, Lahiri = -23°23'05 Julian Calendar 1 March 1408 BCE == Greg. Calendar 16 Feb. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

APRIL 1408 BCE (-1407) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 46 53	28♓14'15	21♐21	7♓15	26♒ 6	0♐42	13♑36	13°R11	2♊43	13♈35	27♑42	19°R 3	17♌53	22♏12	n.a.	T 1
W 2	11 50 49	29°11'57	3♑25	8°54	27°18	1° 4	13°44	13♌ 8	2°45	13°37	27°43	19°D 3	17°49	22°19	n.a.	W 2
T 3	11 54 46	0♈ 9'38	15°41	10°35	28°29	1°25	13°52	13° 6	2°47	13°39	27°44	19♌ 4	17°46	22°26	n.a.	T 3
F 4	11 58 43	1° 7'17	28°14	12°18	29°41	1°47	14° 0	13° 4	2°49	13°42	27°45	19° 5	17°43	22°33	n.a.	F 4
S 5	12 2 39	2° 4'56	11♒10	14° 3	0♓53	2° 7	14° 8	13° 1	2°51	13°44	27°46	19° 6	17°40	22°39	n.a.	S 5
S 6	12 6 36	3° 2'33	24°29	15°50	2° 5	2°28	14°15	12°59	2°53	13°46	27°47	19°R 6	17°37	22°46	n.a.	S 6
M 7	12 10 32	4° 0'09	8♓15	17°39	3°16	2°48	14°23	12°57	2°56	13°48	27°47	19° 5	17°34	22°53	n.a.	M 7
T 8	12 14 29	4°57'44	22°26	19°31	4°28	3° 7	14°30	12°55	2°58	13°51	27°48	19° 1	17°30	22°59	n.a.	T 8
W 9	12 18 25	5°55'17	6♈58	21°24	5°40	3°26	14°37	12°53	3° 0	13°53	27°49	18°56	17°27	23° 6	n.a.	W 9
T 10	12 22 22	6°52'49	21°46	23°19	6°52	3°45	14°44	12°51	3° 2	13°55	27°50	18°49	17°24	23°13	n.a.	T 10
F 11	12 26 18	7°50'19	6♉40	25°16	8° 4	4° 3	14°51	12°50	3° 5	13°57	27°50	18°42	17°21	23°20	n.a.	F 11
S 12	12 30 15	8°47'49	21°32	27°15	9°16	4°20	14°57	12°48	3° 7	13°59	27°51	18°35	17°18	23°26	n.a.	S 12
S 13	12 34 12	9°45'17	6♊15	29°16	10°27	4°37	15° 4	12°46	3°10	14° 2	27°52	18°29	17°14	23°33	n.a.	S 13
M14	12 38 8	10°42'43	20°43	1♈19	11°39	4°54	15°10	12°45	3°12	14° 4	27°52	18°25	17°11	23°40	n.a.	M14
T 15	12 42 5	11°40'08	4♋51	3°23	12°51	5°10	15°16	12°44	3°15	14° 6	27°53	18°24	17° 8	23°46	n.a.	T 15
W16	12 46 1	12°37'31	18°39	5°29	14° 3	5°25	15°22	12°42	3°17	14° 8	27°54	18°D24	17° 5	23°53	n.a.	W16
T 17	12 49 58	13°34'53	2♌ 8	7°36	15°15	5°40	15°28	12°41	3°20	14°11	27°54	18°24	17° 2	24° 0	n.a.	T 17
F 18	12 53 54	14°32'14	15°19	9°45	16°27	5°55	15°34	12°40	3°23	14°13	27°55	18°R25	16°59	24° 7	n.a.	F 18
S 19	12 57 51	15°29'33	28°15	11°55	17°39	6° 8	15°40	12°39	3°25	14°15	27°55	18°25	16°55	24°13	n.a.	S 19
S 20	13 1 47	16°26'51	10♍57	14° 5	18°51	6°22	15°45	12°38	3°28	14°17	27°56	18°22	16°52	24°20	n.a.	S 20
M21	13 5 44	17°24'08	23°29	16°16	20° 4	6°34	15°50	12°38	3°31	14°20	27°56	18°18	16°49	24°27	n.a.	M21
T 22	13 9 41	18°21'24	5♎51	18°28	21°16	6°46	15°55	12°37	3°34	14°22	27°57	18°10	16°46	24°34	n.a.	T 22
W23	13 13 37	19°18'38	18° 4	20°40	22°28	6°58	16° 0	12°37	3°37	14°24	27°57	18° 1	16°43	24°40	n.a.	W23
T 24	13 17 34	20°15'52	0♏10	22°51	23°40	7° 9	16° 5	12°36	3°39	14°26	27°58	17°50	16°40	24°47	n.a.	T 24
F 25	13 21 30	21°13'05	12°10	25° 2	24°52	7°19	16° 9	12°36	3°42	14°29	27°58	17°38	16°36	24°54	n.a.	F 25
S 26	13 25 27	22°10'18	24° 5	27°12	26° 4	7°28	16°14	12°35	3°45	14°31	27°59	17°27	16°33	25° 0	n.a.	S 26
S 27	13 29 23	23° 7'29	5♐57	29°21	27°17	7°37	16°18	12°35	3°48	14°33	27°59	17°17	16°30	25° 7	n.a.	S 27
M28	13 33 20	24° 4'40	17°49	1♉30	28°29	7°46	16°22	12°D35	3°51	14°35	27°59	17°10	16°27	25°14	n.a.	M28
T 29	13 37 16	25° 1'51	29°44	3°36	29°41	7°53	16°26	12°35	3°54	14°37	27°59	17° 4	16°24	25°21	n.a.	T 29
W30	13 41 13	25♈59'01	11♑46	5♉41	0♈53	8♐ 0	16♑30	12♌35	3♊57	14♈40	28♑ 0	17♌ 1	16♌20	25♏27	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0s43	19s12	4n23	11s18	2s29	14s23	1s26	20s38	0n 1	23s47	0s38	19n19	2n16	21n11	0n 7	3n38	1s59	34s15	13s35	15n22	15n44	13s41			n.a.
W 2	0 19	20 6	3 42	10 37	2 26	13 59	1 27	20 45	0s 2	23 47	0 39	19 20	2 16	21 11	0 7	3 39	1 59	34 15	13 35	15 22	15 45	13 43			n.a.
T 3	0n 4	20 5	2 51	9 54	2 22	13 35	1 29	20 52	0 4	23 46	0 39	19 20	2 16	21 12	0 7	3 39	1 59	34 15	13 35	15 22	15 46	13 45			n.a.
F 4	0 27	19 4	1 51	9 10	2 17	13 11	1 30	20 59	0 6	23 45	0 39	19 21	2 16	21 12	0 7	3 40	1 59	34 15	13 36	15 22	15 47	13 46			n.a.
S 5	0 51	17 3	0 43	8 24	2 12	12 46	1 31	21 6	0 9	23 45	0 39	19 22	2 15	21 12	0 7	3 41	1 59	34 15	13 36	15 21	15 48	13 48			n.a.
S 6	1 14	14 3	0s29	7 37	2 7	12 21	1 32	21 12	0 12	23 44	0 40	19 22	2 15	21 13	0 7	3 42	1 59	34 16	13 36	15 21	15 49	13 50			n.a.
M 7	1 37	10 11	1 42	6 48	2 1	11 56	1 33	21 19	0 14	23 44	0 40	19 23	2 15	21 13	0 7	3 43	1 59	34 16	13 37	15 22	15 50	13 52			n.a.
T 8	2 0	5 39	2 50	5 58	1 54	11 30	1 34	21 25	0 17	23 43	0 40	19 23	2 15	21 14	0 7	3 44	1 59	34 16	13 37	15 23	15 51	13 53			n.a.
W 9	2 23	0 41	3 49	5 6	1 47	11 4	1 35	21 32	0 20	23 43	0 40	19 23	2 15	21 14	0 7	3 45	1 59	34 16	13 37	15 25	15 52	13 55			n.a.
T 10	2 47	4n24	4 34	4 13	1 39	10 38	1 36	21 38	0 22	23 42	0 41	19 24	2 15	21 15	0 7	3 46	1 59	34 16	13 38	15 27	15 53	13 57			n.a.
F 11	3 10	9 15	5 0	3 18	1 31	10 11	1 37	21 44	0 25	23 41	0 41	19 24	2 15	21 15	0 7	3 47	1 59	34 16	13 38	15 29	15 54	13 59			n.a.
S 12	3 33	13 32	5 7	2 22	1 23	9 44	1 37	21 51	0 28	23 41	0 41	19 25	2 14	21 16	0 7	3 47	1 59	34 16	13 38	15 31	15 55	14 0			n.a.
S 13	3 56	16 56	4 52	1 25	1 14	9 17	1 38	21 57	0 31	23 40	0 41	19 25	2 14	21 16	0 7	3 48	1 59	34 17	13 39	15 33	15 56	14 2			n.a.
M14	4 19	19 12	4 20	0 27	1 4	8 50	1 38	22 3	0 34	23 40	0 42	19 25	2 14	21 17	0 7	3 49	1 59	34 17	13 39	15 34	15 57	14 4			n.a.
T 15	4 42	20 14	3 32	0n32	0 55	8 22	1 39	22 9	0 37	23 40	0 42	19 25	2 14	21 17	0 7	3 50	1 59	34 17	13 39	15 35	15 58	14 6			n.a.
W16	5 4	20 1	2 33	1 32	0 45	7 54	1 39	22 15	0 40	23 39	0 42	19 26	2 14	21 18	0 7	3 51	1 59	34 17	13 40	15 35	15 59	14 7			n.a.
T 17	5 27	18 38	1 26	2 33	0 34	7 26	1 39	22 20	0 44	23 39	0 42	19 26	2 14	21 18	0 7	3 52	1 59	34 17	13 40	15 35	16 0	14 9			n.a.
F 18	5 50	16 16	0 17	3 34	0 24	6 58	1 40	22 26	0 47	23 38	0 43	19 26	2 14	21 19	0 7	3 53	1 59	34 18	13 40	15 34	16 1	14 11			n.a.
S 19	6 12	13 7	0n52	4 35	0 14	6 29	1 40	22 32	0 50	23 38	0 43	19 26	2 13	21 19	0 7	3 54	1 59	34 18	13 41	15 34	16 2	14 13			n.a.
S 20	6 35	9 24	1 58	5 36	0 3	6 1	1 40	22 38	0 54	23 37	0 43	19 26	2 13	21 20	0 7	3 55	1 59	34 18	13 41	15 35	16 3	14 14			n.a.
M21	6 57	5 19	2 56	6 37	0n 8	5 32	1 40	22 43	0 57	23 37	0 43	19 26	2 13	21 20	0 7	3 55	1 59	34 18	13 41	15 37	16 4	14 16			n.a.
T 22	7 19	1 4	3 45	7 38	0 18	5 3	1 40	22 49	1 1	23 37	0 44	19 26	2 13	21 21	0 7	3 56	1 59	34 19	13 42	15 39	16 5	14 18			n.a.
W23	7 41	3s10	4 23	8 38	0 28	4 34	1 40	22 54	1 4	23 36	0 44	19 26	2 13	21 21	0 7	3 57	1 59	34 19	13 42	15 42	16 6	14 20			n.a.
T 24	8 3	7 14	4 49	9 38	0 39	4 4	1 39	23 0	1 8	23 36	0 44	19 26	2 13	21 22	0 7	3 58	1 59	34 19	13 42	15 45	16 7	14 21			n.a.
F 25	8 25	10 59	5 1	10 36	0 48	3 35	1 39	23 5	1 11	23 36	0 44	19 26	2 12	21 23	0 7	3 59	1 59	34 19	13 43	15 49	16 8	14 23			n.a.
S 26	8 47	14 16	5 1	11 33	0 58	3 5	1 39	23 10	1 15	23 35	0 45	19 26	2 12	21 23	0 7	4 0	1 59	34 20	13 43	15 52	16 9	14 25			n.a.
S 27	9 8	16 58	4 47	12 29	1 7	2 36	1 38	23 16	1 19	23 35	0 45	19 26	2 12	21 24	0 7	4 1	1 59	34 20	13 43	15 55	16 10	14 27			n.a.
M28	9 30	18 57	4 21	13 22	1 15	2 6	1 38	23 21	1 23	23 35	0 45	19 26	2 12	21 24	0 7	4 1	1 59	34 20	13 44	15 58	16 11	14 28			n.a.
T 29	9 51	20 8	3 44	14 14	1 23	1 36	1 37	23 26	1 27	23 35	0 45	19 26	2 12	21 25	0 7	4 2	1 59	34 20	13 44	15 59	16 12	14 30			n.a.
W30	10n12	20s25	2n56	15n 4	1n31	1s 7	1s36	23s31	1s31	23s35	0s46	19n26	2n12	21n25	0n 7	4n 3	1s59	34s21	13s45	16n 0	16n13	14s32			n.a.

Julian Day Number = 1207241.5, Delta T = 09h16m33s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°30'01, Lahiri = -23°23'01 Julian Calendar 1 Apr. 1408 BCE == Greg. Calendar 19 March 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

MAY 1408 BCE (-1407) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 45 10	26♈56'10	24♉ 0	7♉45	2♈ 6	8♐ 6	16♉33	12♌36	4♊ 0	14♈42	28♉ 0	17°D 0	16♌17	25♏34	n.a.	T 1
F 2	13 49 6	27°53'20	6♒30	9°46	3°18	8°12	16°36	12°36	4° 3	14°44	28° 0	17♌ 1	16°14	25°41	n.a.	F 2
S 3	13 53 3	28°50'29	19°22	11°46	4°30	8°16	16°40	12°36	4° 7	14°46	28° 0	17°R 1	16°11	25°47	n.a.	S 3
S 4	13 56 59	29°47'37	2♓40	13°43	5°43	8°20	16°43	12°37	4°10	14°49	28° 1	17° 0	16° 8	25°54	n.a.	S 4
M 5	14 0 56	0♉44'45	16°26	15°38	6°55	8°24	16°45	12°38	4°13	14°51	28° 1	16°57	16° 5	26° 1	n.a.	M 5
T 6	14 4 52	1°41'53	0♈41	17°31	8° 8	8°26	16°48	12°38	4°16	14°53	28° 1	16°52	16° 1	26° 8	n.a.	T 6
W 7	14 8 49	2°39'01	15°23	19°22	9°20	8°28	16°50	12°39	4°19	14°55	28° 1	16°44	15°58	26°14	n.a.	W 7
T 8	14 12 45	3°36'08	0♉24	21°10	10°33	8°29	16°53	12°40	4°23	14°57	28° 1	16°34	15°55	26°21	n.a.	T 8
F 9	14 16 42	4°33'15	15°36	22°56	11°45	8°R29	16°55	12°41	4°26	14°59	28° 1	16°24	15°52	26°28	n.a.	F 9
S 10	14 20 39	5°30'22	0♊48	24°40	12°58	8°28	16°56	12°42	4°29	15° 1	28° 1	16°14	15°49	26°35	n.a.	S 10
S 11	14 24 35	6°27'28	15°50	26°21	14°10	8°27	16°58	12°43	4°32	15° 4	28°R 1	16° 5	15°45	26°41	n.a.	S 11
M12	14 28 32	7°24'34	0♋32	28° 0	15°23	8°25	17° 0	12°45	4°36	15° 6	28° 1	15°59	15°42	26°48	n.a.	M12
T 13	14 32 28	8°21'39	14°51	29°37	16°36	8°22	17° 1	12°46	4°39	15° 8	28° 1	15°56	15°39	26°55	n.a.	T 13
W14	14 36 25	9°18'43	28°44	1♊11	17°48	8°19	17° 2	12°48	4°42	15°10	28° 1	15°54	15°36	27° 1	n.a.	W14
T 15	14 40 21	10°15'47	12♌11	2°43	19° 1	8°14	17° 3	12°49	4°46	15°12	28° 1	15°54	15°33	27° 8	n.a.	T 15
F 16	14 44 18	11°12'51	25°17	4°12	20°14	8° 9	17° 4	12°51	4°49	15°14	28° 1	15°54	15°30	27°15	n.a.	F 16
S 17	14 48 15	12° 9'54	8♍ 3	5°39	21°26	8° 3	17° 4	12°53	4°53	15°16	28° 1	15°53	15°26	27°22	n.a.	S 17
S 18	14 52 11	13° 6'57	20°34	7° 3	22°39	7°57	17° 4	12°55	4°56	15°18	28° 1	15°49	15°23	27°28	n.a.	S 18
M19	14 56 8	14° 3'59	2♎53	8°25	23°52	7°50	17°R 5	12°57	5° 0	15°20	28° 1	15°43	15°20	27°35	n.a.	M19
T 20	15 0 4	15° 1'01	15° 3	9°44	25° 5	7°42	17° 4	12°59	5° 3	15°22	28° 0	15°34	15°17	27°42	n.a.	T 20
W21	15 4 1	15°58'03	27° 6	11° 1	26°18	7°33	17° 4	13° 1	5° 7	15°24	28° 0	15°23	15°14	27°48	n.a.	W21
T 22	15 7 57	16°55'05	9♏ 5	12°15	27°30	7°24	17° 4	13° 3	5°10	15°26	28° 0	15°10	15°11	27°55	n.a.	T 22
F 23	15 11 54	17°52'07	21° 0	13°26	28°43	7°14	17° 3	13° 6	5°14	15°28	28° 0	14°56	15° 7	28° 2	n.a.	F 23
S 24	15 15 50	18°49'10	2♐52	14°35	29°56	7° 4	17° 2	13° 8	5°17	15°30	27°59	14°43	15° 4	28° 9	n.a.	S 24
S 25	15 19 47	19°46'12	14°44	15°40	1♑ 9	6°53	17° 1	13°11	5°21	15°32	27°59	14°31	15° 1	28°15	n.a.	S 25
M26	15 23 44	20°43'15	26°37	16°43	2°22	6°41	17° 0	13°13	5°24	15°34	27°59	14°21	14°58	28°22	n.a.	M26
T 27	15 27 40	21°40'18	8♉34	17°43	3°35	6°29	16°59	13°16	5°28	15°36	27°58	14°15	14°55	28°29	n.a.	T 27
W28	15 31 37	22°37'22	20°38	18°39	4°48	6°16	16°57	13°19	5°31	15°38	27°58	14°10	14°51	28°36	n.a.	W28
T 29	15 35 33	23°34'26	2♒52	19°33	6° 1	6° 3	16°55	13°22	5°35	15°40	27°58	14° 9	14°48	28°42	n.a.	T 29
F 30	15 39 30	24°31'31	15°22	20°23	7°14	5°49	16°53	13°25	5°39	15°41	27°57	14°D 8	14°45	28°49	n.a.	F 30
S 31	15 43 26	25♉28'36	28♒11	21♊ 9	8♉27	5♐35	16♉51	13♌28	5♊42	15♈43	27♉57	14°R 8	14♌42	28♏56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n33	19s44	1n59	15n52	1n38	0s37	1s36	23s36	1s35	23s34	0s46	19n25	2n11	21n26	0n 7	4n 4	1s59	34s21	13s45	16n 1	16n14	14s33			n.a.
F 2	10 54	18 5	0 56	16 38	1 44	0 7	1 35	23 41	1 39	23 34	0 46	19 25	2 11	21 27	0 7	4 5	1 59	34 21	13 45	16 1	16 15	14 35			n.a.
S 3	11 15	15 28	0s13	17 22	1 50	0n23	1 34	23 46	1 43	23 34	0 47	19 25	2 11	21 27	0 7	4 6	1 59	34 22	13 46	16 1	16 16	14 37			n.a.
S 4	11 36	11 59	1 22	18 3	1 55	0 53	1 33	23 51	1 47	23 34	0 47	19 24	2 11	21 28	0 7	4 7	1 59	34 22	13 46	16 1	16 17	14 39			n.a.
M 5	11 56	7 44	2 29	18 42	1 59	1 23	1 32	23 56	1 52	23 34	0 47	19 24	2 11	21 28	0 7	4 7	1 59	34 22	13 46	16 2	16 18	14 40			n.a.
T 6	12 16	2 55	3 29	19 18	2 2	1 53	1 31	24 0	1 56	23 34	0 47	19 24	2 11	21 29	0 7	4 8	1 59	34 23	13 47	16 3	16 19	14 42			n.a.
W 7	12 36	2n12	4 18	19 53	2 5	2 23	1 30	24 5	2 0	23 34	0 48	19 23	2 10	21 30	0 7	4 9	1 59	34 23	13 47	16 6	16 20	14 44			n.a.
T 8	12 56	7 18	4 49	20 25	2 7	2 53	1 29	24 9	2 5	23 34	0 48	19 23	2 10	21 30	0 7	4 10	1 59	34 23	13 47	16 9	16 21	14 45			n.a.
F 9	13 16	12 0	5 1	20 54	2 9	3 23	1 27	24 14	2 9	23 34	0 48	19 22	2 10	21 31	0 7	4 11	1 59	34 24	13 48	16 12	16 22	14 47			n.a.
S 10	13 35	15 55	4 51	21 21	2 9	3 53	1 26	24 18	2 14	23 34	0 49	19 22	2 10	21 32	0 7	4 12	1 59	34 24	13 48	16 15	16 23	14 49			n.a.
S 11	13 54	18 45	4 22	21 46	2 10	4 23	1 25	24 23	2 18	23 34	0 49	19 21	2 10	21 32	0 7	4 12	1 59	34 24	13 49	16 18	16 24	14 51			n.a.
M12	14 13	20 16	3 35	22 9	2 9	4 53	1 23	24 27	2 23	23 34	0 49	19 21	2 10	21 33	0 7	4 13	1 59	34 25	13 49	16 19	16 24	14 52			n.a.
T 13	14 32	20 26	2 36	22 30	2 8	5 23	1 22	24 31	2 28	23 34	0 49	19 20	2 9	21 33	0 7	4 14	1 59	34 25	13 49	16 20	16 25	14 54			n.a.
W14	14 51	19 19	1 30	22 48	2 6	5 52	1 20	24 35	2 32	23 34	0 50	19 20	2 9	21 34	0 7	4 15	1 59	34 25	13 50	16 21	16 26	14 56			n.a.
T 15	15 9	17 8	0 20	23 5	2 3	6 22	1 19	24 39	2 37	23 35	0 50	19 19	2 9	21 35	0 7	4 16	1 59	34 26	13 50	16 21	16 27	14 57			n.a.
F 16	15 27	14 6	0n49	23 19	2 0	6 51	1 17	24 43	2 42	23 35	0 50	19 18	2 9	21 35	0 7	4 16	1 59	34 26	13 50	16 21	16 28	14 59			n.a.
S 17	15 45	10 27	1 54	23 31	1 56	7 20	1 16	24 46	2 47	23 35	0 51	19 18	2 9	21 36	0 7	4 17	1 59	34 26	13 51	16 21	16 29	15 1			n.a.
S 18	16 3	6 26	2 52	23 42	1 51	7 49	1 14	24 50	2 51	23 35	0 51	19 17	2 9	21 37	0 7	4 18	1 59	34 27	13 51	16 22	16 30	15 2			n.a.
M19	16 20	2 12	3 41	23 50	1 46	8 18	1 12	24 54	2 56	23 35	0 51	19 16	2 8	21 37	0 7	4 19	1 59	34 27	13 51	16 24	16 31	15 4			n.a.
T 20	16 37	2s 4	4 19	23 57	1 40	8 47	1 10	24 57	3 1	23 36	0 51	19 16	2 8	21 38	0 7	4 19	1 59	34 28	13 52	16 27	16 32	15 6			n.a.
W21	16 54	6 12	4 45	24 2	1 34	9 16	1 8	25 0	3 6	23 36	0 52	19 15	2 8	21 39	0 7	4 20	1 59	34 28	13 52	16 30	16 33	15 7			n.a.
T 22	17 11	10 4	4 58	24 6	1 27	9 44	1 7	25 3	3 10	23 36	0 52	19 14	2 8	21 39	0 7	4 21	1 59	34 28	13 52	16 34	16 34	15 9			n.a.
F 23	17 27	13 32	4 58	24 7	1 19	10 12	1 5	25 6	3 15	23 37	0 52	19 13	2 8	21 40	0 7	4 22	1 59	34 29	13 53	16 38	16 35	15 11			n.a.
S 24	17 43	16 26	4 45	24 8	1 11	10 40	1 3	25 9	3 20	23 37	0 53	19 12	2 8	21 41	0 7	4 22	1 59	34 29	13 53	16 42	16 36	15 13			n.a.
S 25	17 59	18 40	4 20	24 6	1 2	11 8	1 1	25 12	3 25	23 38	0 53	19 11	2 7	21 41	0 7	4 23	1 59	34 30	13 53	16 46	16 37	15 14			n.a.
M26	18 15	20 6	3 43	24 4	0 53	11 35	0 59	25 14	3 29	23 38	0 53	19 10	2 7	21 42	0 7	4 24	2 0	34 30	13 54	16 49	16 38	15 16			n.a.
T 27	18 30	20 39	2 56	24 0	0 43	12 3	0 57	25 17	3 34	23 39	0 53	19 9	2 7	21 42	0 7	4 25	2 0	34 30	13 54	16 51	16 39	15 18			n.a.
W28	18 45	20 15	2 1	23 55	0 33	12 30	0 54	25 19	3 39	23 39	0 54	19 8	2 7	21 43	0 7	4 25	2 0	34 31	13 55	16 52	16 40	15 19			n.a.
T 29	19 0	18 54	0 59	23 48	0 22	12 56	0 52	25 21	3 43	23 40	0 54	19 7	2 7	21 44	0 7	4 26	2 0	34 31	13 55	16 52	16 41	15 21			n.a.
F 30	19 14	16 37	0s 6	23 41	0 11	13 23	0 50	25 23	3 48	23 40	0 54	19 6	2 7	21 44	0 7	4 27	2 0	34 32	13 55	16 52	16 42	15 23			n.a.
S 31	19n28	13s28	1s14	23n32	0s 1	13n49	0s48	25s25	3s52	23s41	0s55	19n 5	2n 6	21n45	0n 7	4n27	2s 0	34s32	13s56	16n52	16n43	15s24			n.a.

Julian Day Number = 1207271.5, Delta T = 09h16m31s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'57, Lahiri = -23°22'57 Julian Calendar 1 May 1408 BCE == Greg. Calendar 18 Apr. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

JUNE 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 47 23	26♉25'42	11♓24	21♊52	9♉40	5°R20	16°R49	13♌31	5♊46	15♈45	27°R56	14°R 8	14♌39	29♏ 2	n.a.	S 1
M 2	15 51 19	27°22'48	25° 4	22°31	10°53	5♐ 5	16♑46	13°34	5°50	15°47	27♑56	14♌ 5	14°36	29° 9	n.a.	M 2
T 3	15 55 16	28°19'55	9♈14	23° 6	12° 7	4°50	16°43	13°37	5°53	15°49	27°55	14° 0	14°32	29°16	n.a.	T 3
W 4	15 59 13	29°17'03	23°51	23°38	13°20	4°34	16°40	13°41	5°57	15°50	27°55	13°53	14°29	29°23	n.a.	W 4
T 5	16 3 9	0♊14'12	8♉51	24° 5	14°33	4°18	16°37	13°44	6° 0	15°52	27°54	13°44	14°26	29°29	n.a.	T 5
F 6	16 7 6	1°11'22	24° 6	24°27	15°46	4° 2	16°34	13°48	6° 4	15°54	27°54	13°34	14°23	29°36	n.a.	F 6
S 7	16 11 2	2° 8'32	9♊25	24°46	17° 0	3°46	16°31	13°52	6° 8	15°55	27°53	13°24	14°20	29°43	n.a.	S 7
S 8	16 14 59	3° 5'43	24°36	24°59	18°13	3°29	16°27	13°55	6°11	15°57	27°52	13°16	14°17	29°49	n.a.	S 8
M 9	16 18 55	4° 2'54	9♋29	25° 8	19°26	3°13	16°23	13°59	6°15	15°59	27°52	13°10	14°13	29°56	n.a.	M 9
T 10	16 22 52	5° 0'06	23°59	25°R12	20°40	2°56	16°19	14° 3	6°19	16° 0	27°51	13° 6	14°10	0♐ 3	n.a.	T 10
W11	16 26 49	5°57'18	8♌ 0	25°12	21°53	2°40	16°15	14° 7	6°22	16° 2	27°51	13°D 5	14° 7	0°10	n.a.	W11
T 12	16 30 45	6°54'31	21°33	25° 6	23° 7	2°24	16°11	14°11	6°26	16° 4	27°50	13° 5	14° 4	0°16	n.a.	T 12
F 13	16 34 42	7°51'44	4♍41	24°55	24°20	2° 8	16° 6	14°15	6°30	16° 5	27°49	13°R 6	14° 1	0°23	n.a.	F 13
S 14	16 38 38	8°48'58	17°26	24°39	25°33	1°52	16° 1	14°20	6°33	16° 7	27°48	13° 5	13°57	0°30	n.a.	S 14
S 15	16 42 35	9°46'12	29°54	24°19	26°47	1°36	15°57	14°24	6°37	16° 8	27°48	13° 3	13°54	0°36	n.a.	S 15
M16	16 46 31	10°43'27	12♎ 7	23°54	28° 1	1°20	15°52	14°28	6°41	16°10	27°47	12°59	13°51	0°43	n.a.	M16
T 17	16 50 28	11°40'42	24°11	23°24	29°14	1° 5	15°46	14°33	6°44	16°11	27°46	12°52	13°48	0°50	n.a.	T 17
W18	16 54 24	12°37'58	6♏ 8	22°51	0♊28	0°50	15°41	14°37	6°48	16°13	27°45	12°44	13°45	0°57	n.a.	W18
T 19	16 58 21	13°35'16	18° 2	22°14	1°41	0°36	15°36	14°42	6°52	16°14	27°44	12°33	13°42	1° 3	n.a.	T 19
F 20	17 2 18	14°32'34	29°55	21°34	2°55	0°22	15°30	14°46	6°55	16°15	27°44	12°22	13°38	1°10	n.a.	F 20
S 21	17 6 14	15°29'53	11♐47	20°51	4° 9	0° 8	15°24	14°51	6°59	16°17	27°43	12°12	13°35	1°17	n.a.	S 21
S 22	17 10 11	16°27'13	23°42	20° 7	5°22	29♏55	15°18	14°56	7° 3	16°18	27°42	12° 3	13°32	1°24	n.a.	S 22
M23	17 14 7	17°24'34	5♑40	19°22	6°36	29°43	15°12	15° 1	7° 6	16°19	27°41	11°55	13°29	1°30	n.a.	M23
T 24	17 18 4	18°21'57	17°44	18°36	7°50	29°31	15° 6	15° 6	7°10	16°21	27°40	11°50	13°26	1°37	n.a.	T 24
W25	17 22 0	19°19'20	29°55	17°51	9° 4	29°20	15° 0	15°11	7°13	16°22	27°39	11°47	13°23	1°44	n.a.	W25
T 26	17 25 57	20°16'46	12♒16	17° 7	10°17	29° 9	14°54	15°16	7°17	16°23	27°38	11°D46	13°19	1°50	n.a.	T 26
F 27	17 29 54	21°14'12	24°51	16°26	11°31	28°59	14°47	15°21	7°21	16°24	27°37	11°47	13°16	1°57	n.a.	F 27
S 28	17 33 50	22°11'40	7♓42	15°48	12°45	28°49	14°40	15°26	7°24	16°25	27°36	11°48	13°13	2° 4	n.a.	S 28
S 29	17 37 47	23° 9'10	20°54	15°13	13°59	28°40	14°34	15°31	7°28	16°26	27°35	11°R49	13°10	2°11	n.a.	S 29
M30	17 41 43	24♊ 6'41	4♈29	14♊43	15♊13	28♏32	14♑27	15♌37	7♊31	16♈28	27♑34	11♌48	13♌ 7	2♐17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n42	9s33	2s19	23n23	0s13	14n15	0s46	25s26	3s57	23s41	0s55	19n 4	2n 6	21n46	0n 7	4n28	2s 0	34s33	13s56	16n53	16n43	15s26		n.a.
M 2	19 55	5 1	3 19	23 13	0 26	14 40	0 43	25 28	4 1	23 42	0 55	19 3	2 6	21 46	0 7	4 29	2 0	34 33	13 56	16 53	16 44	15 28		n.a.
T 3	20 8	0 5	4 8	23 1	0 39	15 5	0 41	25 29	4 5	23 42	0 55	19 2	2 6	21 47	0 7	4 29	2 0	34 33	13 57	16 55	16 45	15 29		n.a.
W 4	20 21	5n 2	4 44	22 50	0 53	15 30	0 39	25 30	4 9	23 43	0 56	19 1	2 6	21 48	0 7	4 30	2 0	34 34	13 57	16 57	16 46	15 31		n.a.
T 5	20 33	9 57	5 1	22 37	1 6	15 54	0 36	25 31	4 13	23 44	0 56	19 0	2 6	21 48	0 7	4 31	2 0	34 34	13 57	17 0	16 47	15 32		n.a.
F 6	20 45	14 20	4 57	22 24	1 21	16 18	0 34	25 32	4 17	23 45	0 56	18 58	2 6	21 49	0 7	4 31	2 0	34 35	13 57	17 3	16 48	15 34		n.a.
S 7	20 57	17 47	4 32	22 10	1 35	16 42	0 32	25 32	4 21	23 45	0 57	18 57	2 5	21 50	0 7	4 32	2 0	34 35	13 58	17 5	16 49	15 36		n.a.
S 8	21 9	19 57	3 47	21 57	1 49	17 5	0 29	25 33	4 25	23 46	0 57	18 56	2 5	21 50	0 7	4 32	2 0	34 36	13 58	17 8	16 50	15 37		n.a.
M 9	21 20	20 43	2 48	21 42	2 4	17 28	0 27	25 33	4 28	23 47	0 57	18 55	2 5	21 51	0 7	4 33	2 0	34 36	13 58	17 10	16 51	15 39		n.a.
T 10	21 30	20 3	1 40	21 28	2 18	17 50	0 25	25 33	4 32	23 47	0 57	18 53	2 5	21 52	0 7	4 34	2 0	34 36	13 59	17 11	16 52	15 41		n.a.
W11	21 41	18 9	0 27	21 14	2 33	18 12	0 22	25 33	4 35	23 48	0 58	18 52	2 5	21 52	0 7	4 34	2 0	34 37	13 59	17 11	16 53	15 42		n.a.
T 12	21 51	15 16	0n45	20 59	2 47	18 33	0 20	25 33	4 38	23 49	0 58	18 51	2 5	21 53	0 7	4 35	2 0	34 37	13 59	17 11	16 54	15 44		n.a.
F 13	22 0	11 42	1 52	20 45	3 1	18 54	0 17	25 32	4 41	23 50	0 58	18 49	2 5	21 54	0 7	4 35	2 0	34 38	14 0	17 11	16 55	15 46		n.a.
S 14	22 9	7 41	2 52	20 31	3 15	19 15	0 15	25 32	4 44	23 51	0 59	18 48	2 4	21 54	0 7	4 36	2 0	34 38	14 0	17 11	16 56	15 47		n.a.
S 15	22 18	3 26	3 42	20 17	3 28	19 35	0 12	25 31	4 47	23 52	0 59	18 47	2 4	21 55	0 7	4 36	2 0	34 39	14 0	17 11	16 57	15 49		n.a.
M16	22 27	0s52	4 21	20 3	3 40	19 54	0 10	25 31	4 50	23 52	0 59	18 45	2 4	21 56	0 7	4 37	2 0	34 39	14 0	17 13	16 58	15 51		n.a.
T 17	22 35	5 5	4 48	19 50	3 51	20 13	0 7	25 30	4 52	23 53	0 59	18 44	2 4	21 56	0 7	4 37	2 0	34 40	14 1	17 15	16 58	15 52		n.a.
W18	22 42	9 3	5 2	19 38	4 2	20 31	0 5	25 29	4 55	23 54	1 0	18 42	2 4	21 57	0 7	4 38	2 1	34 40	14 1	17 17	16 59	15 54		n.a.
T 19	22 50	12 40	5 3	19 27	4 11	20 49	0 3	25 28	4 57	23 55	1 0	18 41	2 4	21 57	0 7	4 38	2 1	34 40	14 1	17 20	17 0	15 55		n.a.
F 20	22 57	15 46	4 50	19 17	4 19	21 6	0 0	25 27	4 59	23 56	1 0	18 39	2 4	21 58	0 7	4 39	2 1	34 41	14 2	17 23	17 1	15 57		n.a.
S 21	23 3	18 13	4 25	19 7	4 26	21 23	0n 2	25 26	5 1	23 57	1 0	18 38	2 4	21 59	0 7	4 39	2 1	34 41	14 2	17 26	17 2	15 59		n.a.
S 22	23 9	19 54	3 48	18 59	4 31	21 39	0 5	25 25	5 3	23 58	1 1	18 36	2 3	21 59	0 7	4 40	2 1	34 42	14 2	17 29	17 3	16 0		n.a.
M23	23 15	20 43	3 1	18 52	4 34	21 54	0 7	25 23	5 4	23 59	1 1	18 35	2 3	22 0	0 7	4 40	2 1	34 42	14 2	17 31	17 4	16 2		n.a.
T 24	23 20	20 35	2 5	18 47	4 36	22 9	0 10	25 22	5 6	24 0	1 1	18 33	2 3	22 1	0 7	4 41	2 1	34 43	14 3	17 32	17 5	16 3		n.a.
W25	23 25	19 30	1 3	18 43	4 36	22 24	0 12	25 21	5 7	24 1	1 1	18 31	2 3	22 1	0 7	4 41	2 1	34 43	14 3	17 33	17 6	16 5		n.a.
T 26	23 30	17 28	0s 3	18 41	4 34	22 37	0 14	25 20	5 8	24 2	1 2	18 30	2 3	22 2	0 8	4 42	2 1	34 44	14 3	17 33	17 7	16 7		n.a.
F 27	23 34	14 34	1 10	18 40	4 30	22 50	0 17	25 18	5 10	24 3	1 2	18 28	2 3	22 2	0 8	4 42	2 1	34 44	14 3	17 33	17 8	16 8		n.a.
S 28	23 37	10 55	2 15	18 42	4 25	23 2	0 19	25 17	5 11	24 4	1 2	18 26	2 3	22 3	0 8	4 42	2 1	34 44	14 4	17 33	17 9	16 10		n.a.
S 29	23 41	6 39	3 15	18 45	4 18	23 14	0 21	25 16	5 11	24 5	1 2	18 25	2 3	22 4	0 8	4 43	2 1	34 45	14 4	17 33	17 10	16 11		n.a.
M30	23n43	1s56	4s 6	18n50	4s 9	23n25	0n24	25s15	5s12	24s 6	1s 2	18n23	2n 3	22n 4	0n 8	4n43	2s 1	34s45	14s 4	17n33	17n10	16s13		n.a.

Julian Day Number = 1207302.5, Delta T = 09h16m29s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'53, Lahiri = -23°22'53 Julian Calendar 1 June 1408 BCE == Greg. Calendar 19 May 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

JULY 1408 BCE (-1407) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 45 40	25♊ 4'13	18♈29	14°R19	16♊27	28°R25	14°R20	15♌42	7♊35	16♈29	27°R33	11°R46	13♌ 3	2♐24	n.a.	T 1
W 2	17 49 36	26° 1'48	2♉54	14♊ 0	17°41	28♏18	14♑13	15°48	7°38	16°30	27♑32	11♌42	13° 0	2°31	n.a.	W 2
T 3	17 53 33	26°59'24	17°41	13°47	18°55	28°13	14° 6	15°53	7°42	16°31	27°31	11°37	12°57	2°37	n.a.	T 3
F 4	17 57 29	27°57'02	2♊43	13°D41	20° 9	28° 7	13°58	15°59	7°46	16°32	27°30	11°30	12°54	2°44	n.a.	F 4
S 5	18 1 26	28°54'41	17°52	13°42	21°23	28° 3	13°51	16° 4	7°49	16°33	27°29	11°24	12°51	2°51	n.a.	S 5
S 6	18 5 23	29°52'22	2♋57	13°50	22°37	28° 0	13°44	16°10	7°52	16°34	27°28	11°19	12°48	2°58	n.a.	S 6
M 7	18 9 19	0♋50'04	17°50	14° 6	23°52	27°57	13°36	16°16	7°56	16°34	27°27	11°15	12°44	3° 4	n.a.	M 7
T 8	18 13 16	1°47'48	2♌22	14°28	25° 6	27°55	13°29	16°22	7°59	16°35	27°26	11°13	12°41	3°11	n.a.	T 8
W 9	18 17 12	2°45'33	16°29	14°58	26°20	27°54	13°21	16°27	8° 3	16°36	27°25	11°D13	12°38	3°18	n.a.	W 9
T 10	18 21 9	3°43'20	0♍ 9	15°35	27°34	27°D54	13°13	16°33	8° 6	16°37	27°24	11°14	12°35	3°24	n.a.	T 10
F 11	18 25 5	4°41'08	13°22	16°20	28°48	27°55	13° 6	16°39	8°10	16°38	27°22	11°15	12°32	3°31	n.a.	F 11
S 12	18 29 2	5°38'57	26°12	17°11	0♋ 3	27°56	12°58	16°45	8°13	16°38	27°21	11°17	12°29	3°38	n.a.	S 12
S 13	18 32 58	6°36'47	8♎41	18° 9	1°17	27°58	12°50	16°51	8°16	16°39	27°20	11°R17	12°25	3°45	n.a.	S 13
M14	18 36 55	7°34'39	20°55	19°14	2°31	28° 2	12°42	16°57	8°20	16°40	27°19	11°16	12°22	3°51	n.a.	M14
T 15	18 40 52	8°32'32	2♏57	20°25	3°46	28° 5	12°34	17° 3	8°23	16°40	27°18	11°14	12°19	3°58	n.a.	T 15
W16	18 44 48	9°30'27	14°52	21°42	5° 0	28°10	12°27	17°10	8°26	16°41	27°17	11°10	12°16	4° 5	n.a.	W16
T 17	18 48 45	10°28'24	26°45	23° 5	6°14	28°16	12°19	17°16	8°29	16°42	27°15	11° 5	12°13	4°11	n.a.	T 17
F 18	18 52 41	11°26'22	8♐37	24°33	7°29	28°22	12°11	17°22	8°33	16°42	27°14	11° 0	12° 9	4°18	n.a.	F 18
S 19	18 56 38	12°24'21	20°32	26° 5	8°43	28°29	12° 3	17°29	8°36	16°43	27°13	10°55	12° 6	4°25	n.a.	S 19
S 20	19 0 34	13°22'23	2♑32	27°42	9°58	28°37	11°55	17°35	8°39	16°43	27°12	10°50	12° 3	4°32	n.a.	S 20
M21	19 4 31	14°20'26	14°39	29°23	11°12	28°46	11°47	17°41	8°42	16°44	27°11	10°47	12° 0	4°38	n.a.	M21
T 22	19 8 27	15°18'31	26°54	1♋ 7	12°27	28°55	11°39	17°48	8°45	16°44	27° 9	10°45	11°57	4°45	n.a.	T 22
W23	19 12 24	16°16'37	9♒19	2°54	13°41	29° 5	11°31	17°54	8°48	16°44	27° 8	10°D44	11°54	4°52	n.a.	W23
T 24	19 16 21	17°14'46	21°55	4°44	14°56	29°16	11°24	18° 1	8°52	16°45	27° 7	10°45	11°50	4°58	n.a.	T 24
F 25	19 20 17	18°12'57	4♓44	6°35	16°11	29°28	11°16	18° 7	8°55	16°45	27° 6	10°46	11°47	5° 5	n.a.	F 25
S 26	19 24 14	19°11'10	17°47	8°28	17°25	29°40	11° 8	18°14	8°58	16°45	27° 5	10°47	11°44	5°12	n.a.	S 26
S 27	19 28 10	20° 9'25	1♈ 6	10°22	18°40	29°53	11° 0	18°21	9° 1	16°45	27° 3	10°49	11°41	5°19	n.a.	S 27
M28	19 32 7	21° 7'42	14°42	12°17	19°54	0♐ 6	10°53	18°27	9° 4	16°46	27° 2	10°49	11°38	5°25	n.a.	M28
T 29	19 36 3	22° 6'02	28°37	14°13	21° 9	0°21	10°45	18°34	9° 6	16°46	27° 1	10°R49	11°34	5°32	n.a.	T 29
W30	19 40 0	23° 4'24	12♉49	16° 9	22°24	0°36	10°37	18°41	9° 9	16°46	27° 0	10°49	11°31	5°39	n.a.	W30
T 31	19 43 56	24♋ 2'48	27♉17	18♋ 4	23♋39	0♐51	10♑30	18♌47	9♊12	16♈46	26♑58	10♌47	11♌28	5♐45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n46	3n 0	4s44	18n57	3s59	23n35	0n26	25s13	5s13	24s 7	1s 3	18n21	2n 2	22n 5	0n 8	4n44	2s 1	34s46	14s 4	17n33	17n11	16s15			n.a.
W 2	23 48	7 55	5 5	19 6	3 48	23 45	0 28	25 12	5 13	24 8	1 3	18 19	2 2	22 5	0 8	4 44	2 1	34 46	14 4	17 35	17 12	16 16			n.a.
T 3	23 49	12 30	5 7	19 17	3 36	23 54	0 30	25 11	5 13	24 9	1 3	18 18	2 2	22 6	0 8	4 44	2 1	34 47	14 5	17 36	17 13	16 18			n.a.
F 4	23 51	16 22	4 48	19 29	3 23	24 2	0 33	25 10	5 13	24 10	1 3	18 16	2 2	22 7	0 8	4 45	2 1	34 47	14 5	17 38	17 14	16 19			n.a.
S 5	23 51	19 10	4 9	19 44	3 8	24 9	0 35	25 9	5 13	24 11	1 4	18 14	2 2	22 7	0 8	4 45	2 2	34 48	14 5	17 40	17 15	16 21			n.a.
S 6	23 51	20 37	3 12	19 59	2 54	24 16	0 37	25 8	5 13	24 12	1 4	18 12	2 2	22 8	0 8	4 45	2 2	34 48	14 5	17 41	17 16	16 23			n.a.
M 7	23 51	20 36	2 3	20 16	2 38	24 22	0 39	25 8	5 13	24 13	1 4	18 10	2 2	22 8	0 8	4 45	2 2	34 48	14 5	17 42	17 17	16 24			n.a.
T 8	23 51	19 12	0 48	20 35	2 22	24 27	0 41	25 7	5 13	24 14	1 4	18 8	2 2	22 9	0 8	4 46	2 2	34 49	14 6	17 43	17 18	16 26			n.a.
W 9	23 50	16 37	0n29	20 54	2 6	24 32	0 43	25 6	5 12	24 15	1 4	18 7	2 2	22 10	0 8	4 46	2 2	34 49	14 6	17 43	17 19	16 27			n.a.
T 10	23 48	13 11	1 41	21 14	1 50	24 35	0 45	25 6	5 12	24 15	1 5	18 5	2 2	22 10	0 8	4 46	2 2	34 50	14 6	17 43	17 20	16 29			n.a.
F 11	23 46	9 12	2 46	21 35	1 34	24 38	0 47	25 5	5 11	24 16	1 5	18 3	2 1	22 11	0 8	4 46	2 2	34 50	14 6	17 42	17 21	16 31			n.a.
S 12	23 44	4 54	3 41	21 56	1 18	24 41	0 49	25 5	5 11	24 17	1 5	18 1	2 1	22 11	0 8	4 47	2 2	34 50	14 6	17 42	17 21	16 32			n.a.
S 13	23 41	0 31	4 23	22 17	1 2	24 42	0 51	25 5	5 10	24 18	1 5	17 59	2 1	22 12	0 8	4 47	2 2	34 51	14 7	17 42	17 22	16 34			n.a.
M14	23 38	3s47	4 53	22 38	0 47	24 43	0 53	25 5	5 9	24 19	1 5	17 57	2 1	22 12	0 8	4 47	2 2	34 51	14 7	17 42	17 23	16 35			n.a.
T 15	23 35	7 53	5 9	22 59	0 32	24 43	0 55	25 5	5 8	24 20	1 5	17 55	2 1	22 13	0 8	4 47	2 2	34 52	14 7	17 43	17 24	16 37			n.a.
W16	23 31	11 37	5 11	23 18	0 17	24 42	0 56	25 5	5 7	24 21	1 6	17 53	2 1	22 13	0 8	4 47	2 2	34 52	14 7	17 44	17 25	16 38			n.a.
T 17	23 26	14 54	5 1	23 37	0 3	24 41	0 58	25 5	5 6	24 22	1 6	17 51	2 1	22 14	0 8	4 48	2 2	34 52	14 7	17 45	17 26	16 40			n.a.
F 18	23 21	17 34	4 37	23 54	0n10	24 38	1 0	25 5	5 5	24 23	1 6	17 49	2 1	22 15	0 8	4 48	2 2	34 53	14 7	17 46	17 27	16 41			n.a.
S 19	23 16	19 30	4 1	24 10	0 22	24 35	1 2	25 6	5 4	24 24	1 6	17 47	2 1	22 15	0 8	4 48	2 2	34 53	14 7	17 48	17 28	16 43			n.a.
S 20	23 10	20 36	3 14	24 24	0 34	24 32	1 3	25 7	5 3	24 25	1 6	17 45	2 1	22 16	0 8	4 48	2 3	34 54	14 7	17 49	17 29	16 45			n.a.
M21	23 4	20 45	2 18	24 36	0 45	24 27	1 5	25 7	5 1	24 25	1 6	17 43	2 1	22 16	0 8	4 48	2 3	34 54	14 8	17 50	17 30	16 46			n.a.
T 22	22 58	19 55	1 15	24 46	0 55	24 22	1 6	25 8	5 0	24 26	1 6	17 41	2 1	22 17	0 8	4 48	2 3	34 54	14 8	17 51	17 31	16 48			n.a.
W23	22 51	18 7	0 8	24 54	1 4	24 16	1 8	25 9	4 58	24 27	1 6	17 39	2 1	22 17	0 8	4 48	2 3	34 55	14 8	17 51	17 31	16 49			n.a.
T 24	22 43	15 25	1s 1	24 59	1 12	24 9	1 9	25 10	4 57	24 28	1 7	17 36	2 1	22 18	0 8	4 48	2 3	34 55	14 8	17 51	17 32	16 51			n.a.
F 25	22 36	11 56	2 8	25 1	1 20	24 1	1 10	25 11	4 55	24 29	1 7	17 34	2 1	22 18	0 8	4 48	2 3	34 55	14 8	17 50	17 33	16 52			n.a.
S 26	22 27	7 49	3 10	25 1	1 26	23 53	1 12	25 12	4 54	24 29	1 7	17 32	2 1	22 19	0 8	4 49	2 3	34 56	14 8	17 50	17 34	16 54			n.a.
S 27	22 19	3 16	4 3	24 58	1 32	23 44	1 13	25 14	4 52	24 30	1 7	17 30	2 0	22 19	0 8	4 49	2 3	34 56	14 8	17 50	17 35	16 55			n.a.
M28	22 10	1n33	4 44	24 53	1 36	23 34	1 14	25 15	4 51	24 31	1 7	17 28	2 0	22 20	0 8	4 49	2 3	34 56	14 8	17 49	17 36	16 57			n.a.
T 29	22 1	6 22	5 9	24 45	1 40	23 24	1 15	25 17	4 49	24 32	1 7	17 26	2 0	22 20	0 8	4 49	2 3	34 57	14 8	17 49	17 37	16 58			n.a.
W30	21 51	10 57	5 15	24 35	1 44	23 13	1 16	25 18	4 47	24 32	1 7	17 24	2 0	22 20	0 8	4 49	2 3	34 57	14 8	17 50	17 38	17 0			n.a.
T 31	21n41	14n59	5s 3	24n22	1n46	23n 1	1n17	25s20	4s45	24s33	1s 7	17n21	2n 0	22n21	0n 8	4n49	2s 3	34s57	14s 8	17n50	17n39	17s 1			n.a.

Julian Day Number = 1207332.5, Delta T = 09h16m28s
Ecliptic obliquity = 23°51'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'49, Lahiri = -23°22'49 Julian Calendar 1 July 1408 BCE == Greg. Calendar 18 June 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

AUGUST 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 47 53	25♋ 1'15	11♊57	20♋ 0	24♋53	1♐ 7	10°R22	18♌54	9♊15	16♈46	26°R57	10°R45	11♌25	5♐52	n.a.	F 1
S 2	19 51 49	25°59'44	26°43	21°55	26° 8	1°24	10♑15	19° 1	9°18	16°46	26♑56	10♌43	11°22	5°59	n.a.	S 2
S 3	19 55 46	26°58'15	11♋29	23°50	27°23	1°42	10° 8	19° 8	9°21	16°R46	26°55	10°42	11°19	6° 6	n.a.	S 3
M 4	19 59 43	27°56'48	26° 6	25°44	28°38	2° 0	10° 1	19°15	9°23	16°46	26°53	10°41	11°15	6°12	n.a.	M 4
T 5	20 3 39	28°55'23	10♌29	27°37	29°53	2°19	9°54	19°22	9°26	16°46	26°52	10°D40	11°12	6°19	n.a.	T 5
W 6	20 7 36	29°54'00	24°32	29°29	1♌ 7	2°38	9°47	19°29	9°29	16°46	26°51	10°41	11° 9	6°26	n.a.	W 6
T 7	20 11 32	0♌52'40	8♍12	1♌21	2°22	2°58	9°40	19°36	9°31	16°46	26°50	10°41	11° 6	6°32	n.a.	T 7
F 8	20 15 29	1°51'21	21°28	3°12	3°37	3°18	9°33	19°43	9°34	16°46	26°48	10°42	11° 3	6°39	n.a.	F 8
S 9	20 19 25	2°50'03	4♎21	5° 1	4°52	3°39	9°26	19°50	9°36	16°46	26°47	10°43	11° 0	6°46	n.a.	S 9
S 10	20 23 22	3°48'48	16°54	6°50	6° 7	4° 1	9°20	19°57	9°39	16°45	26°46	10°44	10°56	6°53	n.a.	S 10
M11	20 27 18	4°47'35	29°10	8°38	7°22	4°23	9°13	20° 4	9°41	16°45	26°45	10°44	10°53	6°59	n.a.	M11
T 12	20 31 15	5°46'23	11♏14	10°25	8°37	4°45	9° 7	20°11	9°44	16°45	26°43	10°R44	10°50	7° 6	n.a.	T 12
W13	20 35 12	6°45'14	23°10	12°10	9°52	5° 8	9° 1	20°18	9°46	16°44	26°42	10°44	10°47	7°13	n.a.	W13
T 14	20 39 8	7°44'06	5♐ 2	13°55	11° 7	5°32	8°55	20°25	9°48	16°44	26°41	10°43	10°44	7°19	n.a.	T 14
F 15	20 43 5	8°43'01	16°55	15°39	12°22	5°56	8°49	20°32	9°51	16°44	26°40	10°43	10°40	7°26	n.a.	F 15
S 16	20 47 1	9°41'57	28°53	17°22	13°37	6°20	8°43	20°39	9°53	16°43	26°38	10°43	10°37	7°33	n.a.	S 16
S 17	20 50 58	10°40'55	10♑59	19° 3	14°52	6°45	8°38	20°46	9°55	16°43	26°37	10°D43	10°34	7°39	n.a.	S 17
M18	20 54 54	11°39'56	23°15	20°44	16° 7	7°11	8°32	20°54	9°57	16°42	26°36	10°43	10°31	7°46	n.a.	M18
T 19	20 58 51	12°38'58	5♒44	22°24	17°22	7°37	8°27	21° 1	10° 0	16°42	26°35	10°R43	10°28	7°53	n.a.	T 19
W20	21 2 47	13°38'03	18°27	24° 3	18°37	8° 3	8°22	21° 8	10° 2	16°41	26°34	10°43	10°25	8° 0	n.a.	W20
T 21	21 6 44	14°37'10	1♓24	25°42	19°52	8°29	8°17	21°15	10° 4	16°41	26°32	10°43	10°21	8° 6	n.a.	T 21
F 22	21 10 40	15°36'19	14°35	27°19	21° 7	8°56	8°12	21°22	10° 6	16°40	26°31	10°42	10°18	8°13	n.a.	F 22
S 23	21 14 37	16°35'30	28° 0	28°55	22°22	9°24	8° 7	21°29	10° 8	16°39	26°30	10°42	10°15	8°20	n.a.	S 23
S 24	21 18 34	17°34'44	11♈37	0♍31	23°37	9°51	8° 3	21°37	10°10	16°39	26°29	10°41	10°12	8°26	n.a.	S 24
M25	21 22 30	18°34'00	25°25	2° 6	24°52	10°20	7°59	21°44	10°11	16°38	26°28	10°40	10° 9	8°33	n.a.	M25
T 26	21 26 27	19°33'18	9♉24	3°40	26° 7	10°48	7°54	21°51	10°13	16°37	26°27	10°40	10° 6	8°40	n.a.	T 26
W27	21 30 23	20°32'40	23°31	5°13	27°22	11°17	7°51	21°58	10°15	16°37	26°25	10°D40	10° 2	8°47	n.a.	W27
T 28	21 34 20	21°32'03	7♊45	6°46	28°37	11°46	7°47	22° 6	10°17	16°36	26°24	10°40	9°59	8°53	n.a.	T 28
F 29	21 38 16	22°31'30	22° 4	8°17	29°52	12°16	7°43	22°13	10°18	16°35	26°23	10°41	9°56	9° 0	n.a.	F 29
S 30	21 42 13	23°30'59	6♋23	9°48	1♍ 8	12°45	7°40	22°20	10°20	16°34	26°22	10°42	9°53	9° 7	n.a.	S 30
S 31	21 46 9	24♌30'30	20♋41	11♍18	2♍23	13♐16	7♑37	22♌27	10♊22	16♈33	26♑21	10♌43	9♌50	9♐13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n30	18n 9	4s30	24n 7	1n47	22n48	1n18	25s22	4s44	24s34	1s 7	17n19	2n 0	22n21	0n 8	4n49	2s 3	34s58	14s 8	17n51	17n39	17s 3		n.a.
S 2	21 19	20 9	3 40	23 49	1 48	22 35	1 19	25 24	4 42	24 34	1 7	17 17	2 0	22 22	0 8	4 48	2 3	34 58	14 8	17 51	17 40	17 4		n.a.
S 3	21 8	20 47	2 35	23 30	1 49	22 21	1 20	25 26	4 40	24 35	1 7	17 15	2 0	22 22	0 8	4 48	2 3	34 58	14 8	17 52	17 41	17 6		n.a.
M 4	20 56	20 0	1 20	23 9	1 48	22 6	1 20	25 28	4 38	24 36	1 7	17 13	2 0	22 23	0 8	4 48	2 4	34 59	14 9	17 52	17 42	17 7		n.a.
T 5	20 44	17 54	0 1	22 45	1 47	21 51	1 21	25 30	4 36	24 36	1 8	17 10	2 0	22 23	0 8	4 48	2 4	34 59	14 9	17 52	17 43	17 9		n.a.
W 6	20 32	14 46	1n16	22 20	1 46	21 35	1 22	25 32	4 34	24 37	1 8	17 8	2 0	22 24	0 8	4 48	2 4	34 59	14 9	17 52	17 44	17 10		n.a.
T 7	20 19	10 54	2 27	21 54	1 44	21 19	1 22	25 34	4 32	24 37	1 8	17 6	2 0	22 24	0 8	4 48	2 4	35 0	14 9	17 52	17 45	17 12		n.a.
F 8	20 6	6 36	3 27	21 26	1 42	21 1	1 23	25 36	4 30	24 38	1 8	17 4	2 0	22 24	0 8	4 48	2 4	35 0	14 9	17 51	17 46	17 13		n.a.
S 9	19 52	2 8	4 16	20 56	1 39	20 44	1 23	25 38	4 28	24 38	1 8	17 1	2 0	22 25	0 8	4 48	2 4	35 0	14 9	17 51	17 47	17 15		n.a.
S 10	19 38	2s18	4 50	20 26	1 35	20 25	1 24	25 41	4 26	24 39	1 8	16 59	2 0	22 25	0 8	4 48	2 4	35 0	14 9	17 51	17 47	17 16		n.a.
M11	19 24	6 32	5 11	19 54	1 32	20 6	1 24	25 43	4 24	24 39	1 8	16 57	2 0	22 26	0 8	4 47	2 4	35 1	14 9	17 51	17 48	17 18		n.a.
T 12	19 9	10 26	5 17	19 21	1 28	19 47	1 24	25 45	4 22	24 40	1 8	16 54	2 0	22 26	0 8	4 47	2 4	35 1	14 9	17 51	17 49	17 19		n.a.
W13	18 55	13 54	5 10	18 47	1 23	19 26	1 24	25 48	4 20	24 40	1 8	16 52	2 0	22 26	0 8	4 47	2 4	35 1	14 9	17 51	17 50	17 21		n.a.
T 14	18 39	16 46	4 49	18 12	1 19	19 6	1 24	25 50	4 18	24 41	1 8	16 50	2 0	22 27	0 8	4 47	2 4	35 1	14 8	17 51	17 51	17 22		n.a.
F 15	18 24	18 57	4 16	17 36	1 14	18 44	1 24	25 52	4 16	24 41	1 8	16 47	2 0	22 27	0 8	4 47	2 4	35 2	14 8	17 51	17 52	17 24		n.a.
S 16	18 8	20 19	3 32	16 59	1 9	18 23	1 24	25 55	4 14	24 42	1 8	16 45	2 0	22 27	0 8	4 46	2 4	35 2	14 8	17 51	17 53	17 25		n.a.
S 17	17 52	20 47	2 38	16 22	1 3	18 0	1 24	25 57	4 12	24 42	1 8	16 43	2 0	22 28	0 8	4 46	2 4	35 2	14 8	17 51	17 54	17 27		n.a.
M18	17 35	20 15	1 35	15 44	0 57	17 37	1 24	26 0	4 10	24 42	1 8	16 41	2 0	22 28	0 8	4 46	2 4	35 2	14 8	17 51	17 55	17 28		n.a.
T 19	17 18	18 43	0 28	15 6	0 52	17 14	1 24	26 2	4 8	24 43	1 8	16 38	2 0	22 28	0 8	4 46	2 5	35 2	14 8	17 51	17 55	17 30		n.a.
W20	17 1	16 14	0s43	14 27	0 45	16 50	1 24	26 5	4 6	24 43	1 8	16 36	2 0	22 29	0 8	4 45	2 5	35 3	14 8	17 51	17 56	17 31		n.a.
T 21	16 44	12 54	1 52	13 47	0 39	16 26	1 23	26 7	4 4	24 43	1 8	16 34	2 0	22 29	0 8	4 45	2 5	35 3	14 8	17 51	17 57	17 33		n.a.
F 22	16 26	8 53	2 57	13 8	0 33	16 1	1 23	26 9	4 2	24 44	1 8	16 31	2 0	22 29	0 8	4 45	2 5	35 3	14 8	17 51	17 58	17 34		n.a.
S 23	16 8	4 22	3 53	12 28	0 26	15 36	1 23	26 12	4 0	24 44	1 8	16 29	2 0	22 30	0 8	4 45	2 5	35 3	14 8	17 52	17 59	17 36		n.a.
S 24	15 50	0n26	4 37	11 47	0 20	15 10	1 22	26 14	3 58	24 44	1 8	16 26	2 0	22 30	0 8	4 44	2 5	35 3	14 8	17 52	18 0	17 37		n.a.
M25	15 32	5 16	5 6	11 7	0 13	14 44	1 21	26 16	3 55	24 44	1 8	16 24	2 0	22 30	0 8	4 44	2 5	35 3	14 8	17 52	18 1	17 39		n.a.
T 26	15 13	9 53	5 17	10 26	0 6	14 18	1 21	26 18	3 53	24 44	1 8	16 22	2 0	22 31	0 8	4 44	2 5	35 4	14 8	17 52	18 2	17 40		n.a.
W27	14 54	14 0	5 9	9 45	0s 1	13 51	1 20	26 20	3 51	24 45	1 7	16 19	2 0	22 31	0 8	4 43	2 5	35 4	14 8	17 52	18 2	17 42		n.a.
T 28	14 34	17 21	4 42	9 4	0 8	13 24	1 19	26 23	3 49	24 45	1 7	16 17	2 0	22 31	0 8	4 43	2 5	35 4	14 7	17 52	18 3	17 43		n.a.
F 29	14 15	19 39	3 58	8 23	0 15	12 56	1 18	26 25	3 47	24 45	1 7	16 15	2 1	22 31	0 8	4 42	2 5	35 4	14 7	17 52	18 4	17 44		n.a.
S 30	13 55	20 44	2 59	7 41	0 22	12 28	1 18	26 27	3 45	24 45	1 7	16 12	2 1	22 32	0 8	4 42	2 5	35 4	14 7	17 52	18 5	17 46		n.a.
S 31	13n35	20n27	1s49	7n 0	0s29	12n 0	1n17	26s28	3s43	24s45	1s 7	16n10	2n 1	22n32	0n 8	4n42	2s 5	35s 4	14s 7	17n51	18n 6	17s47		n.a.

Julian Day Number = 1207363.5, Delta T = 09h16m26s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'45, Lahiri = -23°22'44 Julian Calendar 1 Aug. 1408 BCE == Greg. Calendar 19 July 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

SEPTEMBER 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 50 6	25♌30'03	4♌52	12♍47	3♍38	13♐46	7°R34	22♌35	10♊23	16°R32	26°R20	10°R43	9♌46	9♐20	n.a.	M 1
T 2	21 54 2	26°29'39	18°54	14°16	4°53	14°17	7♑31	22°42	10°25	16♈31	26♑19	10♌43	9°43	9°27	n.a.	T 2
W 3	21 57 59	27°29'17	2♍41	15°44	6° 8	14°48	7°28	22°49	10°26	16°30	26°18	10°42	9°40	9°33	n.a.	W 3
T 4	22 1 56	28°28'57	16°11	17°11	7°23	15°19	7°26	22°56	10°27	16°29	26°17	10°40	9°37	9°40	n.a.	T 4
F 5	22 5 52	29°28'39	29°22	18°37	8°38	15°51	7°24	23° 3	10°29	16°28	26°16	10°38	9°34	9°47	n.a.	F 5
S 6	22 9 49	0♍28'24	12♎14	20° 2	9°54	16°23	7°21	23°11	10°30	16°27	26°15	10°35	9°31	9°54	n.a.	S 6
S 7	22 13 45	1°28'10	24°47	21°26	11° 9	16°55	7°20	23°18	10°31	16°26	26°14	10°32	9°27	10° 0	n.a.	S 7
M 8	22 17 42	2°27'58	7♏ 4	22°50	12°24	17°28	7°18	23°25	10°32	16°25	26°13	10°29	9°24	10° 7	n.a.	M 8
T 9	22 21 38	3°27'48	19° 9	24°12	13°39	18° 0	7°17	23°32	10°33	16°24	26°12	10°27	9°21	10°14	n.a.	T 9
W10	22 25 35	4°27'40	1♐ 5	25°34	14°54	18°33	7°15	23°39	10°35	16°23	26°11	10°D26	9°18	10°20	n.a.	W10
T 11	22 29 31	5°27'33	12°56	26°54	16° 9	19° 7	7°14	23°46	10°36	16°22	26°10	10°26	9°15	10°27	n.a.	T 11
F 12	22 33 28	6°27'29	24°49	28°14	17°25	19°40	7°13	23°53	10°36	16°20	26° 9	10°28	9°12	10°34	n.a.	F 12
S 13	22 37 24	7°27'26	6♑48	29°32	18°40	20°14	7°13	24° 1	10°37	16°19	26° 8	10°29	9° 8	10°41	n.a.	S 13
S 14	22 41 21	8°27'26	18°56	0♎49	19°55	20°48	7°12	24° 8	10°38	16°18	26° 7	10°31	9° 5	10°47	n.a.	S 14
M15	22 45 18	9°27'27	1♒19	2° 5	21°10	21°22	7°12	24°15	10°39	16°17	26° 6	10°32	9° 2	10°54	n.a.	M15
T 16	22 49 14	10°27'30	13°59	3°19	22°25	21°56	7°D12	24°22	10°40	16°15	26° 6	10°R33	8°59	11° 1	n.a.	T 16
W17	22 53 11	11°27'34	26°59	4°31	23°40	22°31	7°12	24°29	10°40	16°14	26° 5	10°32	8°56	11° 7	n.a.	W17
T 18	22 57 7	12°27'41	10♓17	5°42	24°56	23° 5	7°13	24°36	10°41	16°13	26° 4	10°29	8°52	11°14	n.a.	T 18
F 19	23 1 4	13°27'50	23°54	6°50	26°11	23°40	7°13	24°43	10°42	16°11	26° 3	10°25	8°49	11°21	n.a.	F 19
S 20	23 5 0	14°28'00	7♈47	7°57	27°26	24°15	7°14	24°50	10°42	16°10	26° 2	10°19	8°46	11°27	n.a.	S 20
S 21	23 8 57	15°28'13	21°52	9° 1	28°41	24°51	7°15	24°57	10°43	16° 9	26° 2	10°14	8°43	11°34	n.a.	S 21
M22	23 12 53	16°28'28	6♉ 4	10° 2	29°56	25°26	7°16	25° 4	10°43	16° 7	26° 1	10° 8	8°40	11°41	n.a.	M22
T 23	23 16 50	17°28'45	20°19	11° 0	1♎11	26° 2	7°18	25°10	10°43	16° 6	26° 0	10° 4	8°37	11°48	n.a.	T 23
W24	23 20 47	18°29'05	4♊34	11°56	2°26	26°37	7°19	25°17	10°44	16° 4	26° 0	10° 2	8°33	11°54	n.a.	W24
T 25	23 24 43	19°29'26	18°45	12°47	3°41	27°13	7°21	25°24	10°44	16° 3	25°59	10°D 1	8°30	12° 1	n.a.	T 25
F 26	23 28 40	20°29'50	2♋51	13°34	4°57	27°49	7°23	25°31	10°44	16° 1	25°58	10° 1	8°27	12° 8	n.a.	F 26
S 27	23 32 36	21°30'16	16°51	14°17	6°12	28°26	7°25	25°38	10°44	16° 0	25°58	10° 3	8°24	12°14	n.a.	S 27
S 28	23 36 33	22°30'44	0♌42	14°54	7°27	29° 2	7°28	25°44	10°44	15°58	25°57	10° 4	8°21	12°21	n.a.	S 28
M29	23 40 29	23°31'14	14°26	15°25	8°42	29°39	7°30	25°51	10°R44	15°57	25°56	10°R 4	8°17	12°28	n.a.	M29
T 30	23 44 26	24♍31'46	28♌ 0	15♎51	9♎57	0♑15	7♑33	25♌58	10♊44	15♈55	25♑56	10♌ 3	8♌14	12♐34	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n15	18n52	0s32	6n19	0s36	11n31	1n16	26s30	3s41	24s45	1s 7	16n 8	2n 1	22n32	0n 8	4n41	2s 5	35s 4	14s 7	17n51	18n 7	17s49		n.a.
T 2	12 54	16 8	0n45	5 38	0 43	11 2	1 14	26 32	3 39	24 46	1 7	16 5	2 1	22 32	0 8	4 41	2 5	35 4	14 7	17 51	18 8	17 50		n.a.
W 3	12 33	12 32	1 58	4 57	0 51	10 33	1 13	26 34	3 37	24 46	1 7	16 3	2 1	22 33	0 9	4 40	2 5	35 4	14 7	17 51	18 8	17 52		n.a.
T 4	12 12	8 21	3 3	4 16	0 58	10 4	1 12	26 35	3 35	24 46	1 7	16 0	2 1	22 33	0 9	4 40	2 5	35 5	14 6	17 52	18 9	17 53		n.a.
F 5	11 51	3 52	3 57	3 35	1 5	9 34	1 11	26 37	3 32	24 46	1 7	15 58	2 1	22 33	0 9	4 40	2 5	35 5	14 6	17 53	18 10	17 54		n.a.
S 6	11 30	0s40	4 37	2 55	1 12	9 4	1 10	26 38	3 30	24 46	1 7	15 56	2 1	22 33	0 9	4 39	2 6	35 5	14 6	17 53	18 11	17 56		n.a.
S 7	11 8	5 4	5 3	2 15	1 19	8 34	1 8	26 39	3 28	24 46	1 7	15 53	2 1	22 33	0 9	4 39	2 6	35 5	14 6	17 54	18 12	17 57		n.a.
M 8	10 47	9 10	5 14	1 35	1 26	8 3	1 7	26 41	3 26	24 46	1 7	15 51	2 1	22 34	0 9	4 38	2 6	35 5	14 6	17 55	18 13	17 59		n.a.
T 9	10 25	12 50	5 11	0 56	1 33	7 32	1 5	26 42	3 24	24 46	1 7	15 49	2 1	22 34	0 9	4 38	2 6	35 5	14 6	17 56	18 14	18 0		n.a.
W10	10 3	15 56	4 55	0 17	1 39	7 1	1 4	26 43	3 22	24 46	1 7	15 46	2 1	22 34	0 9	4 37	2 6	35 5	14 5	17 56	18 14	18 2		n.a.
T 11	9 40	18 21	4 26	0s22	1 46	6 30	1 2	26 44	3 20	24 46	1 6	15 44	2 1	22 34	0 9	4 37	2 6	35 5	14 5	17 56	18 15	18 3		n.a.
F 12	9 18	20 0	3 45	1 0	1 52	5 59	1 1	26 44	3 18	24 46	1 6	15 42	2 1	22 34	0 9	4 36	2 6	35 5	14 5	17 55	18 16	18 4		n.a.
S 13	8 55	20 46	2 55	1 37	1 59	5 28	0 59	26 45	3 16	24 46	1 6	15 39	2 2	22 34	0 9	4 36	2 6	35 5	14 5	17 55	18 17	18 6		n.a.
S 14	8 32	20 35	1 56	2 14	2 5	4 56	0 57	26 45	3 14	24 46	1 6	15 37	2 2	22 35	0 9	4 35	2 6	35 5	14 5	17 54	18 18	18 7		n.a.
M15	8 10	19 24	0 50	2 50	2 11	4 24	0 55	26 46	3 12	24 46	1 6	15 35	2 2	22 35	0 9	4 35	2 6	35 5	14 5	17 54	18 19	18 9		n.a.
T 16	7 47	17 13	0s19	3 25	2 16	3 52	0 53	26 46	3 10	24 46	1 6	15 32	2 2	22 35	0 9	4 34	2 6	35 5	14 4	17 54	18 20	18 10		n.a.
W17	7 23	14 7	1 29	3 59	2 22	3 21	0 52	26 46	3 8	24 45	1 6	15 30	2 2	22 35	0 9	4 34	2 6	35 5	14 4	17 54	18 20	18 11		n.a.
T 18	7 0	10 14	2 35	4 33	2 27	2 49	0 50	26 46	3 6	24 45	1 6	15 28	2 2	22 35	0 9	4 33	2 6	35 5	14 4	17 55	18 21	18 13		n.a.
F 19	6 37	5 44	3 35	5 5	2 32	2 16	0 48	26 46	3 4	24 45	1 6	15 26	2 2	22 35	0 9	4 32	2 6	35 5	14 4	17 56	18 22	18 14		n.a.
S 20	6 13	0 52	4 22	5 36	2 36	1 44	0 46	26 46	3 2	24 45	1 6	15 23	2 2	22 35	0 9	4 32	2 6	35 5	14 3	17 58	18 23	18 15		n.a.
S 21	5 49	4n 7	4 55	6 5	2 41	1 12	0 44	26 45	3 0	24 45	1 6	15 21	2 2	22 35	0 9	4 31	2 6	35 5	14 3	17 59	18 24	18 17		n.a.
M22	5 26	8 54	5 10	6 33	2 44	0 40	0 42	26 45	2 58	24 45	1 5	15 19	2 2	22 35	0 9	4 31	2 6	35 5	14 3	18 1	18 25	18 18		n.a.
T 23	5 2	13 14	5 6	6 59	2 47	0 7	0 40	26 44	2 56	24 45	1 5	15 16	2 3	22 36	0 9	4 30	2 6	35 4	14 3	18 2	18 26	18 20		n.a.
W24	4 38	16 47	4 43	7 24	2 50	0s25	0 37	26 43	2 54	24 44	1 5	15 14	2 3	22 36	0 9	4 29	2 6	35 4	14 3	18 3	18 26	18 21		n.a.
T 25	4 14	19 21	4 3	7 46	2 52	0 57	0 35	26 42	2 52	24 44	1 5	15 12	2 3	22 36	0 9	4 29	2 6	35 4	14 2	18 3	18 27	18 22		n.a.
F 26	3 50	20 42	3 8	8 6	2 53	1 30	0 33	26 41	2 50	24 44	1 5	15 10	2 3	22 36	0 9	4 28	2 6	35 4	14 2	18 3	18 28	18 24		n.a.
S 27	3 26	20 45	2 3	8 23	2 54	2 2	0 31	26 39	2 48	24 44	1 5	15 8	2 3	22 36	0 9	4 28	2 6	35 4	14 2	18 2	18 29	18 25		n.a.
S 28	3 1	19 32	0 51	8 38	2 53	2 34	0 28	26 38	2 46	24 43	1 5	15 5	2 3	22 36	0 9	4 27	2 6	35 4	14 2	18 2	18 30	18 26		n.a.
M29	2 37	17 10	0n24	8 49	2 52	3 7	0 26	26 36	2 44	24 43	1 5	15 3	2 3	22 36	0 9	4 26	2 6	35 4	14 1	18 2	18 31	18 28		n.a.
T 30	2n13	13n52	1n35	8s57	2s50	3s39	0n24	26s34	2s42	24s43	1s 5	15n 1	2n 3	22n36	0n 9	4n26	2s 6	35s 4	14s 1	18n 2	18n31	18s29		n.a.

Julian Day Number = 1207394.5, Delta T = 09h16m24s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'41, Lahiri = -23°22'40 Julian Calendar 1 Sept. 1408 BCE == Greg. Calendar 19 Aug. 1408 BCE

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

OCTOBER 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 48 22	25♍32'20	11♍24	16♎ 9	11♎12	0♑52	7♑36	26♌ 4	10°R44	15°R54	25°R55	9°R59	8♌11	12♐41	n.a.	W 1
T 2	23 52 19	26°32'55	24°35	16°19	12°27	1°29	7°39	26°11	10♊44	15♈52	25♑55	9♌53	8° 8	12°48	n.a.	T 2
F 3	23 56 15	27°33'33	7♎32	16°R21	13°42	2° 6	7°43	26°18	10°44	15°50	25°54	9°45	8° 5	12°55	n.a.	F 3
S 4	0 0 12	28°34'12	20°15	16°13	14°57	2°44	7°46	26°24	10°44	15°49	25°54	9°36	8° 2	13° 1	n.a.	S 4
S 5	0 4 9	29°34'52	2♏43	15°56	16°13	3°21	7°50	26°31	10°43	15°47	25°53	9°26	7°58	13° 8	n.a.	S 5
M 6	0 8 5	0♎35'34	14°58	15°29	17°28	3°59	7°54	26°37	10°43	15°46	25°53	9°17	7°55	13°15	n.a.	M 6
T 7	0 12 2	1°36'18	27° 1	14°52	18°43	4°36	7°58	26°43	10°43	15°44	25°53	9°10	7°52	13°21	n.a.	T 7
W 8	0 15 58	2°37'02	8♐55	14° 4	19°58	5°14	8° 3	26°50	10°42	15°42	25°52	9° 4	7°49	13°28	n.a.	W 8
T 9	0 19 55	3°37'49	20°45	13° 6	21°13	5°52	8° 7	26°56	10°42	15°41	25°52	9° 1	7°46	13°35	n.a.	T 9
F 10	0 23 51	4°38'36	2♑36	12° 0	22°28	6°30	8°12	27° 2	10°41	15°39	25°52	9°D 0	7°43	13°41	n.a.	F 10
S 11	0 27 48	5°39'25	14°32	10°47	23°43	7° 8	8°17	27° 8	10°40	15°37	25°51	9° 0	7°39	13°48	n.a.	S 11
S 12	0 31 44	6°40'15	26°39	9°28	24°58	7°46	8°22	27°15	10°40	15°36	25°51	9° 1	7°36	13°55	n.a.	S 12
M13	0 35 41	7°41'06	9♒ 2	8° 7	26°13	8°24	8°27	27°21	10°39	15°34	25°51	9°R 2	7°33	14° 2	n.a.	M13
T 14	0 39 38	8°41'58	21°45	6°45	27°28	9° 3	8°32	27°27	10°38	15°32	25°50	9° 1	7°30	14° 8	n.a.	T 14
W15	0 43 34	9°42'51	4♓53	5°26	28°43	9°41	8°38	27°33	10°37	15°31	25°50	8°58	7°27	14°15	n.a.	W15
T 16	0 47 31	10°43'45	18°26	4°13	29°58	10°20	8°44	27°39	10°36	15°29	25°50	8°52	7°23	14°22	n.a.	T 16
F 17	0 51 27	11°44'41	2♈23	3° 6	1♏13	10°58	8°50	27°44	10°36	15°27	25°50	8°44	7°20	14°28	n.a.	F 17
S 18	0 55 24	12°45'37	16°42	2°10	2°28	11°37	8°56	27°50	10°35	15°25	25°50	8°34	7°17	14°35	n.a.	S 18
S 19	0 59 20	13°46'35	1♉16	1°23	3°43	12°16	9° 2	27°56	10°34	15°24	25°50	8°24	7°14	14°42	n.a.	S 19
M20	1 3 17	14°47'34	15°57	0°48	4°58	12°55	9° 9	28° 2	10°32	15°22	25°50	8°13	7°11	14°48	n.a.	M20
T 21	1 7 13	15°48'35	0♊39	0°25	6°13	13°34	9°15	28° 7	10°31	15°20	25°50	8° 5	7° 8	14°55	n.a.	T 21
W22	1 11 10	16°49'37	15°13	0°13	7°27	14°13	9°22	28°13	10°30	15°19	25°50	7°58	7° 4	15° 2	n.a.	W22
T 23	1 15 7	17°50'41	29°36	0°D12	8°42	14°52	9°29	28°18	10°29	15°17	25°D50	7°55	7° 1	15° 8	n.a.	T 23
F 24	1 19 3	18°51'45	13♋44	0°22	9°57	15°31	9°36	28°24	10°28	15°15	25°50	7°D53	6°58	15°15	n.a.	F 24
S 25	1 23 0	19°52'52	27°36	0°41	11°12	16°10	9°43	28°29	10°26	15°14	25°50	7°53	6°55	15°22	n.a.	S 25
S 26	1 26 56	20°53'59	11♌14	1° 9	12°27	16°49	9°51	28°35	10°25	15°12	25°50	7°R54	6°52	15°29	n.a.	S 26
M27	1 30 53	21°55'07	24°37	1°44	13°42	17°29	9°58	28°40	10°23	15°10	25°50	7°53	6°48	15°35	n.a.	M27
T 28	1 34 49	22°56'17	7♍48	2°27	14°57	18° 8	10° 6	28°45	10°22	15° 8	25°50	7°49	6°45	15°42	n.a.	T 28
W29	1 38 46	23°57'28	20°48	3°15	16°12	18°48	10°14	28°50	10°20	15° 7	25°50	7°43	6°42	15°49	n.a.	W29
T 30	1 42 42	24°58'40	3♎38	4°10	17°26	19°27	10°22	28°55	10°19	15° 5	25°50	7°33	6°39	15°55	n.a.	T 30
F 31	1 46 39	25♎59'52	16♎17	5♎ 8	18♏41	20♑ 7	10♑30	29♌ 0	10♊17	15♈ 3	25♑50	7♌21	6♌36	16♐ 2	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n48	9n53	2n41	9s 0	2s46	4s11	0n21	26s32	2s41	24s43	1s 5	14n59	2n 4	22n36	0n 9	4n25	2s 6	35s 4	14s 1	18n 3	18n32	18s30			n.a.
T 2	1 24	5 30	3 37	9 0	2 41	4 43	0 19	26 30	2 39	24 42	1 4	14 57	2 4	22 36	0 9	4 25	2 6	35 3	14 0	18 5	18 33	18 32			n.a.
F 3	0 59	0 56	4 20	8 55	2 35	5 15	0 17	26 27	2 37	24 42	1 4	14 54	2 4	22 36	0 9	4 24	2 7	35 3	14 0	18 7	18 34	18 33			n.a.
S 4	0 35	3s35	4 49	8 45	2 27	5 47	0 14	26 25	2 35	24 42	1 4	14 52	2 4	22 36	0 9	4 23	2 7	35 3	14 0	18 10	18 35	18 34			n.a.
S 5	0 10	7 52	5 4	8 29	2 18	6 18	0 12	26 22	2 33	24 41	1 4	14 50	2 4	22 36	0 9	4 23	2 7	35 3	14 0	18 12	18 36	18 36			n.a.
M 6	0s14	11 45	5 5	8 8	2 7	6 50	0 9	26 19	2 31	24 41	1 4	14 48	2 4	22 36	0 9	4 22	2 7	35 3	13 59	18 15	18 36	18 37			n.a.
T 7	0 39	15 6	4 52	7 42	1 54	7 21	0 7	26 16	2 29	24 41	1 4	14 46	2 4	22 36	0 9	4 21	2 7	35 2	13 59	18 17	18 37	18 38			n.a.
W 8	1 3	17 47	4 26	7 9	1 39	7 52	0 4	26 13	2 28	24 40	1 4	14 44	2 5	22 36	0 9	4 21	2 7	35 2	13 59	18 18	18 38	18 40			n.a.
T 9	1 28	19 43	3 49	6 32	1 23	8 23	0 2	26 9	2 26	24 40	1 4	14 42	2 5	22 36	0 9	4 20	2 7	35 2	13 59	18 19	18 39	18 41			n.a.
F 10	1 53	20 48	3 3	5 49	1 5	8 54	0s 1	26 6	2 24	24 40	1 4	14 40	2 5	22 36	0 9	4 19	2 7	35 2	13 58	18 19	18 40	18 42			n.a.
S 11	2 17	20 56	2 7	5 2	0 45	9 25	0 3	26 2	2 22	24 39	1 4	14 38	2 5	22 35	0 9	4 19	2 7	35 2	13 58	18 19	18 41	18 44			n.a.
S 12	2 42	20 7	1 6	4 12	0 25	9 55	0 6	25 58	2 20	24 39	1 3	14 36	2 5	22 35	0 9	4 18	2 7	35 1	13 58	18 19	18 41	18 45			n.a.
M13	3 6	18 19	0s 0	3 20	0 5	10 25	0 8	25 53	2 19	24 38	1 3	14 34	2 5	22 35	0 9	4 17	2 7	35 1	13 57	18 19	18 42	18 46			n.a.
T 14	3 30	15 34	1 8	2 29	0n16	10 55	0 11	25 49	2 17	24 38	1 3	14 32	2 6	22 35	0 9	4 17	2 7	35 1	13 57	18 19	18 43	18 48			n.a.
W15	3 55	11 57	2 14	1 39	0 36	11 25	0 14	25 45	2 15	24 37	1 3	14 30	2 6	22 35	0 9	4 16	2 7	35 1	13 57	18 20	18 44	18 49			n.a.
T 16	4 19	7 37	3 14	0 51	0 56	11 54	0 16	25 40	2 13	24 37	1 3	14 28	2 6	22 35	0 9	4 15	2 7	35 0	13 57	18 21	18 45	18 50			n.a.
F 17	4 43	2 46	4 5	0 8	1 13	12 23	0 19	25 35	2 12	24 36	1 3	14 26	2 6	22 35	0 9	4 15	2 7	35 0	13 56	18 24	18 46	18 52			n.a.
S 18	5 8	2n21	4 41	0n30	1 30	12 52	0 21	25 30	2 10	24 36	1 3	14 24	2 6	22 35	0 9	4 14	2 7	35 0	13 56	18 26	18 46	18 53			n.a.
S 19	5 32	7 26	5 0	1 1	1 44	13 21	0 24	25 24	2 8	24 35	1 3	14 22	2 7	22 35	0 9	4 13	2 7	35 0	13 56	18 29	18 47	18 54			n.a.
M20	5 56	12 7	5 0	1 27	1 56	13 49	0 26	25 19	2 6	24 35	1 3	14 21	2 7	22 34	0 9	4 13	2 7	34 59	13 55	18 32	18 48	18 55			n.a.
T 21	6 20	16 5	4 40	1 46	2 7	14 17	0 29	25 13	2 5	24 34	1 3	14 19	2 7	22 34	0 9	4 12	2 7	34 59	13 55	18 34	18 49	18 57			n.a.
W22	6 43	19 1	4 2	1 59	2 15	14 44	0 31	25 7	2 3	24 34	1 2	14 17	2 7	22 34	0 9	4 11	2 7	34 59	13 55	18 36	18 50	18 58			n.a.
T 23	7 7	20 43	3 8	2 5	2 22	15 11	0 34	25 1	2 1	24 33	1 2	14 15	2 7	22 34	0 9	4 11	2 7	34 59	13 54	18 37	18 51	18 59			n.a.
F 24	7 31	21 4	2 5	2 6	2 27	15 38	0 36	24 55	2 0	24 32	1 2	14 13	2 7	22 34	0 9	4 10	2 7	34 58	13 54	18 37	18 51	19 1			n.a.
S 25	7 54	20 7	0 54	2 1	2 31	16 4	0 39	24 49	1 58	24 32	1 2	14 12	2 8	22 34	0 9	4 9	2 7	34 58	13 54	18 37	18 52	19 2			n.a.
S 26	8 18	18 0	0n18	1 52	2 33	16 30	0 41	24 42	1 56	24 31	1 2	14 10	2 8	22 33	0 9	4 9	2 7	34 58	13 54	18 37	18 53	19 3			n.a.
M27	8 41	14 55	1 27	1 38	2 33	16 55	0 44	24 35	1 55	24 30	1 2	14 8	2 8	22 33	0 9	4 8	2 7	34 57	13 53	18 37	18 54	19 4			n.a.
T 28	9 4	11 7	2 31	1 21	2 33	17 20	0 46	24 28	1 53	24 30	1 2	14 7	2 8	22 33	0 10	4 7	2 7	34 57	13 53	18 38	18 55	19 6			n.a.
W29	9 27	6 51	3 26	1 0	2 32	17 45	0 48	24 21	1 51	24 29	1 2	14 5	2 9	22 33	0 10	4 7	2 7	34 57	13 53	18 40	18 55	19 7			n.a.
T 30	9 50	2 20	4 10	0 36	2 29	18 9	0 51	24 14	1 50	24 28	1 2	14 3	2 9	22 33	0 10	4 6	2 7	34 56	13 52	18 42	18 56	19 8			n.a.
F 31	10s13	2s12	4n40	0n 9	2n26	18s32	0s53	24s 6	1s48	24s28	1s 2	14n 2	2n 9	22n32	0n10	4n 5	2s 7	34s56	13s52	18n45	18n57	19s 9			n.a.

Julian Day Number = 1207424.5, Delta T = 09h16m22s
Ecliptic obliquity = 23°51'33, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'36, Lahiri = -23°22'36 Julian Calendar 1 Oct. 1408 BCE == Greg. Calendar 18 Sept. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

NOVEMBER 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 50 36	27♎ 1'06	28♎45	6♎11	19♏56	20♑46	10♑38	29♌ 5	10°R16	15°R 2	25♑51	7°R 7	6♌33	16♐ 9	n.a.	S 1
S 2	1 54 32	28° 2'20	11♏ 3	7°18	21°11	21°26	10°47	29°10	10♊14	15♈ 0	25°51	6♌52	6°29	16°15	n.a.	S 2
M 3	1 58 29	29° 3'35	23°10	8°28	22°26	22° 6	10°55	29°15	10°12	14°58	25°51	6°38	6°26	16°22	n.a.	M 3
T 4	2 2 25	0♏ 4'50	5♐ 9	9°41	23°40	22°46	11° 4	29°19	10°10	14°57	25°51	6°26	6°23	16°29	n.a.	T 4
W 5	2 6 22	1° 6'06	17° 1	10°56	24°55	23°25	11°13	29°24	10° 8	14°55	25°52	6°16	6°20	16°35	n.a.	W 5
T 6	2 10 18	2° 7'22	28°49	12°13	26°10	24° 5	11°22	29°29	10° 7	14°54	25°52	6°10	6°17	16°42	n.a.	T 6
F 7	2 14 15	3° 8'39	10♑38	13°31	27°24	24°45	11°31	29°33	10° 5	14°52	25°53	6° 6	6°14	16°49	n.a.	F 7
S 8	2 18 11	4° 9'55	22°31	14°52	28°39	25°25	11°41	29°37	10° 3	14°50	25°53	6° 4	6°10	16°56	n.a.	S 8
S 9	2 22 8	5°11'12	4♒34	16°13	29°54	26° 5	11°50	29°42	10° 1	14°49	25°53	6° 4	6° 7	17° 2	n.a.	S 9
M10	2 26 5	6°12'29	16°52	17°36	1♐ 8	26°45	12° 0	29°46	9°59	14°47	25°54	6° 4	6° 4	17° 9	n.a.	M10
T 11	2 30 1	7°13'46	29°32	19° 0	2°23	27°25	12° 9	29°50	9°57	14°46	25°54	6° 3	6° 1	17°16	n.a.	T 11
W12	2 33 58	8°15'03	12♓37	20°25	3°38	28° 5	12°19	29°54	9°55	14°44	25°55	5°59	5°58	17°22	n.a.	W12
T 13	2 37 54	9°16'20	26°11	21°51	4°52	28°45	12°29	29°58	9°53	14°43	25°55	5°53	5°54	17°29	n.a.	T 13
F 14	2 41 51	10°17'38	10♈15	23°18	6° 7	29°26	12°39	0♍ 2	9°50	14°41	25°56	5°44	5°51	17°36	n.a.	F 14
S 15	2 45 47	11°18'55	24°46	24°45	7°21	0♒ 6	12°49	0° 6	9°48	14°40	25°56	5°34	5°48	17°42	n.a.	S 15
S 16	2 49 44	12°20'12	9♉38	26°13	8°36	0°46	13° 0	0° 9	9°46	14°38	25°57	5°22	5°45	17°49	n.a.	S 16
M17	2 53 41	13°21'29	24°43	27°41	9°50	1°26	13°10	0°13	9°44	14°37	25°58	5°10	5°42	17°56	n.a.	M17
T 18	2 57 37	14°22'47	9♊51	29°10	11° 5	2° 7	13°21	0°17	9°41	14°35	25°58	5° 0	5°39	18° 2	n.a.	T 18
W19	3 1 34	15°24'05	24°50	0♏39	12°19	2°47	13°31	0°20	9°39	14°34	25°59	4°52	5°35	18° 9	n.a.	W19
T 20	3 5 30	16°25'23	9♋34	2° 9	13°34	3°27	13°42	0°23	9°37	14°32	26° 0	4°48	5°32	18°16	n.a.	T 20
F 21	3 9 27	17°26'41	23°57	3°39	14°48	4° 7	13°53	0°27	9°35	14°31	26° 0	4°46	5°29	18°23	n.a.	F 21
S 22	3 13 23	18°27'59	7♌57	5° 9	16° 2	4°48	14° 4	0°30	9°32	14°30	26° 1	4°D45	5°26	18°29	n.a.	S 22
S 23	3 17 20	19°29'18	21°34	6°40	17°17	5°28	14°15	0°33	9°30	14°28	26° 2	4°R45	5°23	18°36	n.a.	S 23
M24	3 21 16	20°30'36	4♍51	8°12	18°31	6° 8	14°26	0°36	9°27	14°27	26° 3	4°45	5°20	18°43	n.a.	M24
T 25	3 25 13	21°31'55	17°51	9°43	19°45	6°49	14°37	0°39	9°25	14°26	26° 3	4°42	5°16	18°49	n.a.	T 25
W26	3 29 10	22°33'13	0♎36	11°15	21° 0	7°29	14°49	0°41	9°22	14°24	26° 4	4°36	5°13	18°56	n.a.	W26
T 27	3 33 6	23°34'32	13° 8	12°48	22°14	8°10	15° 0	0°44	9°20	14°23	26° 5	4°28	5°10	19° 3	n.a.	T 27
F 28	3 37 3	24°35'50	25°30	14°21	23°28	8°50	15°12	0°47	9°17	14°22	26° 6	4°16	5° 7	19° 9	n.a.	F 28
S 29	3 40 59	25°37'08	7♏43	15°54	24°42	9°31	15°23	0°49	9°15	14°21	26° 7	4° 4	5° 4	19°16	n.a.	S 29
S 30	3 44 56	26♏38'26	19♏49	17♏28	25♐57	10♒11	15♑35	0♍52	9♊12	14♈20	26♑ 8	3♌50	5♌ 0	19♐23	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s35	6s36	4n57	0s19	2n23	18s55	0s55	23s59	1s47	24s27	1s 2	14n 0	2n 9	22n32	0n10	4n 5	2s 7	34s56	13s52	18n49	18n58	19s11		n.a.
S 2	10 58	10 40	4 59	0 50	2 18	19 18	0 58	23 51	1 45	24 26	1 1	13 59	2 9	22 32	0 10	4 4	2 7	34 55	13 51	18 53	18 59	19 12		n.a.
M 3	11 20	14 15	4 48	1 22	2 14	19 40	1 0	23 43	1 43	24 25	1 1	13 57	2 10	22 32	0 10	4 4	2 6	34 55	13 51	18 56	18 59	19 13		n.a.
T 4	11 42	17 13	4 24	1 56	2 8	20 1	1 2	23 34	1 42	24 24	1 1	13 56	2 10	22 31	0 10	4 3	2 6	34 55	13 51	18 59	19 0	19 14		n.a.
W 5	12 4	19 26	3 48	2 31	2 3	20 22	1 4	23 26	1 40	24 24	1 1	13 54	2 10	22 31	0 10	4 2	2 6	34 54	13 51	19 2	19 1	19 16		n.a.
T 6	12 25	20 48	3 3	3 7	1 57	20 43	1 7	23 17	1 39	24 23	1 1	13 53	2 10	22 31	0 10	4 2	2 6	34 54	13 50	19 4	19 2	19 17		n.a.
F 7	12 47	21 16	2 10	3 44	1 51	21 2	1 9	23 9	1 37	24 22	1 1	13 52	2 11	22 31	0 10	4 1	2 6	34 54	13 50	19 5	19 3	19 18		n.a.
S 8	13 8	20 46	1 11	4 21	1 44	21 22	1 11	23 0	1 36	24 21	1 1	13 50	2 11	22 30	0 10	4 1	2 6	34 53	13 50	19 5	19 3	19 19		n.a.
S 9	13 29	19 20	0 8	4 59	1 38	21 40	1 13	22 51	1 34	24 20	1 1	13 49	2 11	22 30	0 10	4 0	2 6	34 53	13 49	19 5	19 4	19 20		n.a.
M10	13 49	16 57	0s57	5 38	1 31	21 58	1 15	22 41	1 33	24 19	1 1	13 48	2 11	22 30	0 10	3 59	2 6	34 52	13 49	19 5	19 5	19 22		n.a.
T 11	14 10	13 43	2 1	6 17	1 24	22 15	1 17	22 32	1 31	24 18	1 1	13 46	2 11	22 30	0 10	3 59	2 6	34 52	13 49	19 5	19 6	19 23		n.a.
W12	14 30	9 42	3 0	6 56	1 17	22 32	1 19	22 22	1 30	24 17	1 1	13 45	2 12	22 29	0 10	3 58	2 6	34 52	13 48	19 6	19 7	19 24		n.a.
T 13	14 50	5 5	3 52	7 35	1 10	22 48	1 21	22 13	1 28	24 16	1 1	13 44	2 12	22 29	0 10	3 58	2 6	34 51	13 48	19 8	19 7	19 25		n.a.
F 14	15 10	0 1	4 32	8 14	1 3	23 3	1 22	22 3	1 27	24 15	1 1	13 43	2 12	22 29	0 10	3 57	2 6	34 51	13 48	19 10	19 8	19 26		n.a.
S 15	15 29	5n11	4 55	8 53	0 56	23 18	1 24	21 52	1 25	24 14	1 0	13 42	2 12	22 28	0 10	3 57	2 6	34 50	13 48	19 13	19 9	19 28		n.a.
S 16	15 48	10 13	5 0	9 32	0 49	23 32	1 26	21 42	1 24	24 13	1 0	13 41	2 13	22 28	0 10	3 56	2 6	34 50	13 47	19 16	19 10	19 29		n.a.
M17	16 7	14 42	4 43	10 11	0 41	23 45	1 27	21 32	1 23	24 12	1 0	13 40	2 13	22 28	0 10	3 55	2 6	34 50	13 47	19 19	19 11	19 30		n.a.
T 18	16 26	18 14	4 7	10 50	0 34	23 58	1 29	21 21	1 21	24 11	1 0	13 38	2 13	22 27	0 10	3 55	2 6	34 49	13 47	19 21	19 11	19 31		n.a.
W19	16 44	20 31	3 14	11 29	0 27	24 10	1 31	21 10	1 20	24 9	1 0	13 37	2 14	22 27	0 10	3 54	2 6	34 49	13 46	19 23	19 12	19 32		n.a.
T 20	17 2	21 22	2 9	12 7	0 20	24 21	1 32	21 0	1 18	24 8	1 0	13 37	2 14	22 27	0 10	3 54	2 6	34 48	13 46	19 24	19 13	19 34		n.a.
F 21	17 20	20 46	0 57	12 45	0 13	24 31	1 33	20 48	1 17	24 7	1 0	13 36	2 14	22 26	0 10	3 53	2 6	34 48	13 46	19 25	19 14	19 35		n.a.
S 22	17 37	18 52	0n17	13 23	0 6	24 41	1 35	20 37	1 16	24 6	1 0	13 35	2 14	22 26	0 10	3 53	2 6	34 47	13 46	19 25	19 15	19 36		n.a.
S 23	17 55	15 57	1 28	14 0	0s 1	24 50	1 36	20 26	1 14	24 5	1 0	13 34	2 15	22 26	0 10	3 52	2 6	34 47	13 45	19 25	19 15	19 37		n.a.
M24	18 11	12 15	2 32	14 36	0 8	24 58	1 37	20 14	1 13	24 3	1 0	13 33	2 15	22 25	0 10	3 52	2 6	34 47	13 45	19 25	19 16	19 38		n.a.
T 25	18 28	8 3	3 27	15 13	0 15	25 6	1 38	20 3	1 12	24 2	1 0	13 32	2 15	22 25	0 10	3 51	2 6	34 46	13 45	19 25	19 17	19 39		n.a.
W26	18 44	3 35	4 11	15 48	0 21	25 12	1 40	19 51	1 10	24 1	1 0	13 31	2 15	22 25	0 10	3 51	2 6	34 46	13 45	19 27	19 18	19 41		n.a.
T 27	19 0	0s58	4 41	16 23	0 28	25 18	1 41	19 39	1 9	23 59	1 0	13 31	2 16	22 24	0 10	3 51	2 6	34 45	13 44	19 29	19 19	19 42		n.a.
F 28	19 15	5 25	4 58	16 58	0 34	25 23	1 42	19 27	1 8	23 58	1 0	13 30	2 16	22 24	0 10	3 50	2 6	34 45	13 44	19 32	19 19	19 43		n.a.
S 29	19 30	9 35	5 1	17 32	0 40	25 27	1 42	19 15	1 6	23 56	1 0	13 29	2 16	22 23	0 10	3 50	2 6	34 44	13 44	19 35	19 20	19 44		n.a.
S 30	19s45	13s21	4n50	18s 5	0s46	25s31	1s43	19s 2	1s 5	23s55	1s 0	13n29	2n16	22n23	0n10	3n49	2s 5	34s44	13s44	19n38	19n21	19s45		n.a.

Julian Day Number = 1207455.5, Delta T = 09h16m21s
Ecliptic obliquity = 23°51'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'32, Lahiri = -23°22'32 Julian Calendar 1 Nov. 1408 BCE == Greg. Calendar 19 Oct. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1408 BCE
geocentric

DECEMBER 1408 BCE (-1407) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 48 52	27♏39'43	1♐48	19♏ 2	27♐11	10♒51	15♑47	0♍54	9°R10	14°R18	26♑ 9	3°R37	4♌57	19♐29	n.a.	M 1
T 2	3 52 49	28°41'00	13°42	20°36	28°25	11°32	15°59	0°56	9♊ 7	14♈17	26°10	3♌25	4°54	19°36	n.a.	T 2
W 3	3 56 46	29°42'17	25°32	22°11	29°39	12°12	16°11	0°58	9° 5	14°16	26°11	3°16	4°51	19°43	n.a.	W 3
T 4	4 0 42	0♐43'32	7♑19	23°47	0♑53	12°53	16°23	1° 0	9° 2	14°15	26°12	3°10	4°48	19°49	n.a.	T 4
F 5	4 4 39	1°44'47	19° 8	25°23	2° 7	13°33	16°35	1° 2	9° 0	14°14	26°13	3° 6	4°45	19°56	n.a.	F 5
S 6	4 8 35	2°46'01	1♒ 1	26°59	3°21	14°14	16°47	1° 4	8°57	14°13	26°14	3°D 5	4°41	20° 3	n.a.	S 6
S 7	4 12 32	3°47'14	13° 3	28°36	4°35	14°55	17° 0	1° 6	8°54	14°12	26°15	3° 6	4°38	20° 9	n.a.	S 7
M 8	4 16 28	4°48'26	25°19	0♐13	5°49	15°35	17°12	1° 7	8°52	14°11	26°16	3° 6	4°35	20°16	n.a.	M 8
T 9	4 20 25	5°49'37	7♓53	1°51	7° 3	16°16	17°25	1° 9	8°49	14°10	26°17	3°R 7	4°32	20°23	n.a.	T 9
W10	4 24 21	6°50'47	20°52	3°30	8°17	16°56	17°37	1°10	8°47	14° 9	26°18	3° 6	4°29	20°30	n.a.	W10
T 11	4 28 18	7°51'55	4♈18	5° 9	9°30	17°37	17°50	1°11	8°44	14° 8	26°19	3° 3	4°25	20°36	n.a.	T 11
F 12	4 32 15	8°53'03	18°14	6°48	10°44	18°17	18° 3	1°12	8°41	14° 8	26°20	2°57	4°22	20°43	n.a.	F 12
S 13	4 36 11	9°54'09	2♉40	8°28	11°58	18°58	18°15	1°13	8°39	14° 7	26°22	2°50	4°19	20°50	n.a.	S 13
S 14	4 40 8	10°55'14	17°32	10° 9	13°11	19°38	18°28	1°14	8°36	14° 6	26°23	2°42	4°16	20°56	n.a.	S 14
M15	4 44 4	11°56'18	2♊42	11°50	14°25	20°19	18°41	1°15	8°33	14° 5	26°24	2°33	4°13	21° 3	n.a.	M15
T 16	4 48 1	12°57'21	18° 1	13°32	15°38	20°59	18°54	1°16	8°31	14° 4	26°25	2°26	4°10	21°10	n.a.	T 16
W17	4 51 57	13°58'23	3♋16	15°15	16°52	21°40	19° 7	1°17	8°28	14° 4	26°26	2°21	4° 6	21°16	n.a.	W17
T 18	4 55 54	14°59'24	18°19	16°58	18° 5	22°20	19°20	1°17	8°26	14° 3	26°28	2°18	4° 3	21°23	n.a.	T 18
F 19	4 59 51	16° 0'24	3♌ 1	18°42	19°19	23° 1	19°34	1°18	8°23	14° 3	26°29	2°D17	4° 0	21°30	n.a.	F 19
S 20	5 3 47	17° 1'24	17°17	20°26	20°32	23°41	19°47	1°18	8°20	14° 2	26°30	2°18	3°57	21°36	n.a.	S 20
S 21	5 7 44	18° 2'22	1♍ 6	22°11	21°45	24°22	20° 0	1°18	8°18	14° 1	26°32	2°19	3°54	21°43	n.a.	S 21
M22	5 11 40	19° 3'19	14°30	23°57	22°58	25° 2	20°14	1°18	8°15	14° 1	26°33	2°R20	3°51	21°50	n.a.	M22
T 23	5 15 37	20° 4'15	27°30	25°43	24°12	25°43	20°27	1°R18	8°13	14° 0	26°34	2°20	3°47	21°56	n.a.	T 23
W24	5 19 33	21° 5'10	10♎11	27°29	25°25	26°23	20°40	1°18	8°10	14° 0	26°36	2°18	3°44	22° 3	n.a.	W24
T 25	5 23 30	22° 6'04	22°36	29°16	26°38	27° 4	20°54	1°18	8° 8	13°59	26°37	2°14	3°41	22°10	n.a.	T 25
F 26	5 27 26	23° 6'56	4♏48	1♑ 3	27°51	27°44	21° 8	1°18	8° 5	13°59	26°38	2° 9	3°38	22°16	n.a.	F 26
S 27	5 31 23	24° 7'48	16°51	2°50	29° 4	28°24	21°21	1°17	8° 3	13°59	26°40	2° 2	3°35	22°23	n.a.	S 27
S 28	5 35 20	25° 8'38	28°48	4°38	0♒16	29° 5	21°35	1°17	8° 0	13°58	26°41	1°54	3°31	22°30	n.a.	S 28
M29	5 39 16	26° 9'27	10♐40	6°25	1°29	29°45	21°49	1°16	7°58	13°58	26°43	1°47	3°28	22°37	n.a.	M29
T 30	5 43 13	27°10'15	22°30	8°12	2°42	0♓26	22° 2	1°16	7°55	13°58	26°44	1°41	3°25	22°43	n.a.	T 30
W31	5 47 9	28♐11'01	4♑19	9♑59	3♒55	1♓ 6	22♑16	1♍15	7♊53	13♈58	26♑45	1♌36	3♌22	22♐50	n.a.	W31

Day	☉	☽			☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat		decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19s59	16s32	4n27		18s37	0s52	25s34	1s44	18s50	1s 4	23s54	1s 0	13n28	2n17	22n23	0n10	3n49	2s 5	34s44	13s43	19n41	19n22	19s46			n.a.
T 2	20 13	19 1	3 51		19 9	0 58	25 36	1 45	18 37	1 2	23 52	1 0	13 28	2 17	22 22	0 10	3 48	2 5	34 43	13 43	19 44	19 22	19 48			n.a.
W 3	20 26	20 41	3 6		19 40	1 4	25 37	1 45	18 25	1 1	23 51	0 59	13 27	2 17	22 22	0 10	3 48	2 5	34 43	13 43	19 46	19 23	19 49			n.a.
T 4	20 40	21 26	2 13		20 10	1 9	25 37	1 46	18 12	1 0	23 49	0 59	13 27	2 18	22 21	0 10	3 48	2 5	34 42	13 43	19 47	19 24	19 50			n.a.
F 5	20 52	21 15	1 14		20 39	1 15	25 37	1 46	17 59	0 59	23 47	0 59	13 26	2 18	22 21	0 10	3 47	2 5	34 42	13 42	19 48	19 25	19 51			n.a.
S 6	21 5	20 6	0 11		21 7	1 20	25 36	1 47	17 46	0 57	23 46	0 59	13 26	2 18	22 21	0 10	3 47	2 5	34 41	13 42	19 49	19 26	19 52			n.a.
S 7	21 17	18 2	0s53		21 34	1 24	25 34	1 47	17 32	0 56	23 44	0 59	13 26	2 18	22 20	0 10	3 47	2 5	34 41	13 42	19 48	19 26	19 53			n.a.
M 8	21 28	15 8	1 56		22 0	1 29	25 31	1 47	17 19	0 55	23 43	0 59	13 25	2 19	22 20	0 10	3 46	2 5	34 40	13 42	19 48	19 27	19 54			n.a.
T 9	21 39	11 28	2 55		22 25	1 33	25 27	1 47	17 6	0 54	23 41	0 59	13 25	2 19	22 19	0 10	3 46	2 5	34 40	13 41	19 48	19 28	19 55			n.a.
W10	21 50	7 9	3 48		22 49	1 37	25 23	1 47	16 52	0 53	23 39	0 59	13 25	2 19	22 19	0 10	3 46	2 5	34 40	13 41	19 48	19 29	19 57			n.a.
T 11	22 0	2 22	4 29		23 11	1 41	25 18	1 47	16 38	0 51	23 37	0 59	13 25	2 20	22 19	0 10	3 45	2 5	34 39	13 41	19 49	19 29	19 58			n.a.
F 12	22 10	2n43	4 57		23 33	1 45	25 12	1 47	16 24	0 50	23 36	0 59	13 24	2 20	22 18	0 10	3 45	2 5	34 39	13 41	19 50	19 30	19 59			n.a.
S 13	22 19	7 49	5 7		23 53	1 48	25 5	1 47	16 10	0 49	23 34	0 59	13 24	2 20	22 18	0 10	3 45	2 5	34 38	13 41	19 52	19 31	20 0			n.a.
S 14	22 28	12 37	4 56		24 11	1 51	24 58	1 47	15 56	0 48	23 32	0 59	13 24	2 20	22 17	0 10	3 45	2 5	34 38	13 40	19 54	19 32	20 1			n.a.
M15	22 37	16 43	4 26		24 28	1 53	24 50	1 47	15 42	0 47	23 30	0 59	13 24	2 21	22 17	0 10	3 44	2 5	34 37	13 40	19 56	19 32	20 2			n.a.
T 16	22 45	19 44	3 35		24 44	1 55	24 41	1 46	15 28	0 45	23 28	0 59	13 24	2 21	22 17	0 10	3 44	2 5	34 37	13 40	19 58	19 33	20 3			n.a.
W17	22 53	21 19	2 30		24 58	1 57	24 31	1 46	15 14	0 44	23 27	0 59	13 24	2 21	22 16	0 10	3 44	2 4	34 36	13 40	19 59	19 34	20 4			n.a.
T 18	23 0	21 21	1 15		25 11	1 59	24 21	1 45	14 59	0 43	23 25	0 59	13 24	2 22	22 16	0 10	3 44	2 4	34 36	13 40	20 0	19 35	20 5			n.a.
F 19	23 7	19 53	0n 4		25 21	2 0	24 10	1 44	14 45	0 42	23 23	0 59	13 24	2 22	22 15	0 10	3 44	2 4	34 36	13 39	20 0	19 36	20 6			n.a.
S 20	23 13	17 12	1 20		25 30	2 0	23 58	1 44	14 30	0 41	23 21	0 59	13 24	2 22	22 15	0 10	3 43	2 4	34 35	13 39	20 0	19 36	20 7			n.a.
S 21	23 19	13 36	2 30		25 38	2 0	23 45	1 43	14 15	0 40	23 19	0 59	13 25	2 22	22 15	0 10	3 43	2 4	34 35	13 39	19 59	19 37	20 9			n.a.
M22	23 24	9 24	3 29		25 43	2 0	23 32	1 42	14 1	0 39	23 17	0 59	13 25	2 23	22 14	0 10	3 43	2 4	34 34	13 39	19 59	19 38	20 10			n.a.
T 23	23 29	4 54	4 15		25 46	1 59	23 18	1 41	13 46	0 38	23 15	0 59	13 25	2 23	22 14	0 10	3 43	2 4	34 34	13 39	19 59	19 39	20 11			n.a.
W24	23 33	0 18	4 47		25 48	1 58	23 4	1 40	13 31	0 37	23 13	0 59	13 25	2 23	22 13	0 10	3 43	2 4	34 33	13 39	20 0	19 39	20 12			n.a.
T 25	23 37	4s13	5 6		25 47	1 56	22 49	1 39	13 16	0 36	23 10	0 59	13 26	2 24	22 13	0 10	3 43	2 4	34 33	13 38	20 0	19 40	20 13			n.a.
F 26	23 41	8 29	5 10		25 45	1 53	22 33	1 37	13 0	0 34	23 8	0 59	13 26	2 24	22 13	0 10	3 43	2 4	34 32	13 38	20 2	19 41	20 14			n.a.
S 27	23 44	12 23	5 0		25 40	1 50	22 16	1 36	12 45	0 33	23 6	0 59	13 26	2 24	22 12	0 10	3 43	2 4	34 32	13 38	20 3	19 42	20 15			n.a.
S 28	23 46	15 44	4 37		25 33	1 47	21 59	1 35	12 30	0 32	23 4	0 59	13 27	2 24	22 12	0 10	3 43	2 4	34 32	13 38	20 5	19 42	20 16			n.a.
M29	23 48	18 27	4 2		25 24	1 42	21 41	1 33	12 15	0 31	23 2	0 59	13 27	2 25	22 11	0 10	3 43	2 4	34 31	13 38	20 7	19 43	20 17			n.a.
T 30	23 50	20 22	3 17		25 13	1 37	21 23	1 31	11 59	0 30	22 59	0 59	13 28	2 25	22 11	0 10	3 42	2 4	34 31	13 38	20 8	19 44	20 18			n.a.
W31	23s51	21s24	2n23		24s59	1s31	21s 4	1s30	11s44	0s29	22s57	0s59	13n28	2n25	22n11	0n10	3n42	2s 3	34s30	13s38	20n 9	19n45	20s19			n.a.

Julian Day Number = 1207485.5, Delta T = 09h16m19s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'28, Lahiri = -23°22'28 Julian Calendar 1 Dec. 1408 BCE == Greg. Calendar 18 Nov. 1408 BCE

The year -1407 astronomical counting style corresponds to year 1408 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

JANUARY 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 51 6	29♐11'45	16♑ 9	11♑45	5♒ 7	1♓47	22♑30	1°R14	7°R51	13°R57	26♑47	1°R33	3♌19	22♐57	n.a.	T 1
F 2	5 55 2	0♑12'28	28° 2	13°30	6°20	2°27	22°44	1♍13	7♊48	13♈57	26°48	1°D32	3°16	23° 3	n.a.	F 2
S 3	5 58 59	1°13'09	10♒ 1	15°13	7°32	3° 7	22°58	1°12	7°46	13°57	26°50	1♌32	3°12	23°10	n.a.	S 3
S 4	6 2 55	2°13'49	22° 9	16°55	8°45	3°48	23°12	1°11	7°43	13°57	26°51	1°34	3° 9	23°17	n.a.	S 4
M 5	6 6 52	3°14'26	4♓29	18°34	9°57	4°28	23°26	1° 9	7°41	13°57	26°53	1°36	3° 6	23°23	n.a.	M 5
T 6	6 10 49	4°15'01	17° 5	20°11	11° 9	5° 8	23°40	1° 8	7°39	13°D57	26°54	1°37	3° 3	23°30	n.a.	T 6
W 7	6 14 45	5°15'35	0♈ 0	21°45	12°21	5°49	23°54	1° 6	7°37	13°57	26°56	1°R38	3° 0	23°37	n.a.	W 7
T 8	6 18 42	6°16'06	13°19	23°15	13°33	6°29	24° 8	1° 5	7°34	13°57	26°57	1°38	2°57	23°43	n.a.	T 8
F 9	6 22 38	7°16'35	27° 4	24°40	14°45	7° 9	24°22	1° 3	7°32	13°57	26°59	1°37	2°53	23°50	n.a.	F 9
S 10	6 26 35	8°17'02	11♉15	26° 1	15°57	7°50	24°36	1° 1	7°30	13°57	27° 0	1°35	2°50	23°57	n.a.	S 10
S 11	6 30 31	9°17'27	25°51	27°15	17° 9	8°30	24°50	0°59	7°28	13°57	27° 2	1°32	2°47	24° 3	n.a.	S 11
M12	6 34 28	10°17'50	10♊48	28°23	18°20	9°10	25° 5	0°57	7°26	13°58	27° 3	1°29	2°44	24°10	n.a.	M12
T 13	6 38 24	11°18'12	25°57	29°24	19°32	9°50	25°19	0°55	7°24	13°58	27° 5	1°26	2°41	24°17	n.a.	T 13
W14	6 42 21	12°18'31	11♋10	0♒18	20°43	10°31	25°33	0°53	7°22	13°58	27° 7	1°24	2°37	24°23	n.a.	W14
T 15	6 46 18	13°18'48	26°17	1° 3	21°55	11°11	25°47	0°51	7°20	13°58	27° 8	1°D23	2°34	24°30	n.a.	T 15
F 16	6 50 14	14°19'03	11♌ 8	1°39	23° 6	11°51	26° 2	0°48	7°18	13°59	27°10	1°24	2°31	24°37	n.a.	F 16
S 17	6 54 11	15°19'17	25°36	2° 6	24°17	12°31	26°16	0°46	7°16	13°59	27°11	1°24	2°28	24°43	n.a.	S 17
S 18	6 58 7	16°19'29	9♍39	2°24	25°28	13°11	26°30	0°43	7°14	13°59	27°13	1°26	2°25	24°50	n.a.	S 18
M19	7 2 4	17°19'38	23°14	2°R32	26°39	13°51	26°45	0°41	7°12	14° 0	27°14	1°27	2°22	24°57	n.a.	M19
T 20	7 6 0	18°19'47	6♎23	2°30	27°50	14°31	26°59	0°38	7°11	14° 0	27°16	1°28	2°18	25° 3	n.a.	T 20
W21	7 9 57	19°19'53	19° 8	2°19	29° 0	15°11	27°13	0°35	7° 9	14° 1	27°18	1°R28	2°15	25°10	n.a.	W21
T 22	7 13 53	20°19'58	1♏34	1°59	0♓11	15°52	27°28	0°32	7° 7	14° 1	27°19	1°28	2°12	25°17	n.a.	T 22
F 23	7 17 50	21°20'01	13°44	1°30	1°21	16°32	27°42	0°29	7° 5	14° 2	27°21	1°27	2° 9	25°23	n.a.	F 23
S 24	7 21 47	22°20'02	25°44	0°54	2°32	17°12	27°56	0°26	7° 4	14° 2	27°22	1°26	2° 6	25°30	n.a.	S 24
S 25	7 25 43	23°20'01	7♐36	0°10	3°42	17°52	28°11	0°23	7° 2	14° 3	27°24	1°25	2° 3	25°37	n.a.	S 25
M26	7 29 40	24°19'59	19°25	29♑21	4°52	18°32	28°25	0°20	7° 1	14° 4	27°26	1°23	1°59	25°43	n.a.	M26
T 27	7 33 36	25°19'55	1♑13	28°27	6° 2	19°12	28°40	0°17	6°59	14° 4	27°27	1°23	1°56	25°50	n.a.	T 27
W28	7 37 33	26°19'48	13° 4	27°30	7°12	19°52	28°54	0°13	6°58	14° 5	27°29	1°22	1°53	25°57	n.a.	W28
T 29	7 41 29	27°19'40	24°59	26°31	8°21	20°31	29° 9	0°10	6°56	14° 6	27°30	1°22	1°50	26° 3	n.a.	T 29
F 30	7 45 26	28°19'29	7♒ 2	25°31	9°31	21°11	29°23	0° 7	6°55	14° 7	27°32	1°D22	1°47	26°10	n.a.	F 30
S 31	7 49 22	29♑19'16	19♒13	24♑33	10♓40	21♓51	29♑37	0♍ 3	6♊54	14♈ 8	27♑34	1♌22	1♌43	26♐17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s51	21s29	1n23	24s44	1s24	20s44	1s28	11s28	0s28	22s55	0s59	13n29	2n25	22n10	0n10	3n42	2s 3	34s30	13s37	20n10	19n45	20s20			n.a.
F 2	23 52	20 36	0 19	24 26	1 17	20 24	1 26	11 12	0 27	22 53	0 59	13 30	2 26	22 10	0 10	3 42	2 3	34 29	13 37	20 10	19 46	20 21			n.a.
S 3	23 51	18 47	0s46	24 7	1 9	20 4	1 24	10 57	0 26	22 50	0 59	13 30	2 26	22 9	0 10	3 42	2 3	34 29	13 37	20 10	19 47	20 22			n.a.
S 4	23 50	16 7	1 51	23 45	1 0	19 43	1 22	10 41	0 25	22 48	0 59	13 31	2 26	22 9	0 10	3 43	2 3	34 28	13 37	20 10	19 48	20 23			n.a.
M 5	23 49	12 41	2 51	23 22	0 50	19 21	1 20	10 25	0 24	22 45	0 59	13 32	2 27	22 9	0 10	3 43	2 3	34 28	13 37	20 9	19 48	20 24			n.a.
T 6	23 47	8 38	3 45	22 58	0 39	18 59	1 18	10 9	0 23	22 43	0 59	13 33	2 27	22 8	0 10	3 43	2 3	34 28	13 37	20 9	19 49	20 25			n.a.
W 7	23 45	4 5	4 28	22 32	0 28	18 36	1 16	9 53	0 22	22 40	0 59	13 33	2 27	22 8	0 10	3 43	2 3	34 27	13 37	20 9	19 50	20 26			n.a.
T 8	23 42	0n46	4 59	22 4	0 16	18 13	1 13	9 37	0 21	22 38	0 59	13 34	2 27	22 8	0 10	3 43	2 3	34 27	13 37	20 9	19 51	20 27			n.a.
F 9	23 39	5 44	5 14	21 36	0 3	17 49	1 11	9 21	0 20	22 35	0 59	13 35	2 28	22 7	0 10	3 43	2 3	34 26	13 37	20 9	19 51	20 28			n.a.
S 10	23 36	10 33	5 11	21 8	0n11	17 25	1 8	9 5	0 19	22 33	0 59	13 36	2 28	22 7	0 10	3 43	2 3	34 26	13 37	20 9	19 52	20 29			n.a.
S 11	23 32	14 55	4 47	20 39	0 26	17 1	1 6	8 49	0 19	22 30	0 59	13 37	2 28	22 7	0 10	3 43	2 3	34 26	13 36	20 10	19 53	20 30			n.a.
M12	23 27	18 26	4 4	20 11	0 41	16 36	1 3	8 32	0 18	22 28	0 59	13 38	2 28	22 6	0 10	3 43	2 3	34 25	13 36	20 11	19 54	20 31			n.a.
T 13	23 22	20 44	3 3	19 43	0 56	16 10	1 0	8 16	0 17	22 25	0 59	13 39	2 29	22 6	0 10	3 43	2 3	34 25	13 36	20 11	19 54	20 32			n.a.
W14	23 17	21 34	1 49	19 16	1 12	15 45	0 58	8 0	0 16	22 22	0 59	13 40	2 29	22 6	0 10	3 44	2 2	34 24	13 36	20 12	19 55	20 33			n.a.
T 15	23 11	20 48	0 28	18 51	1 28	15 19	0 55	7 44	0 15	22 20	0 59	13 41	2 29	22 5	0 10	3 44	2 2	34 24	13 36	20 12	19 56	20 34			n.a.
F 16	23 4	18 36	0n54	18 27	1 44	14 52	0 52	7 27	0 14	22 17	0 59	13 42	2 29	22 5	0 10	3 44	2 2	34 24	13 36	20 12	19 57	20 35			n.a.
S 17	22 58	15 15	2 10	18 5	2 1	14 25	0 49	7 11	0 13	22 14	0 59	13 43	2 30	22 5	0 10	3 44	2 2	34 23	13 36	20 12	19 57	20 36			n.a.
S 18	22 50	11 7	3 16	17 45	2 16	13 58	0 45	6 54	0 12	22 12	0 59	13 44	2 30	22 4	0 10	3 44	2 2	34 23	13 36	20 11	19 58	20 37			n.a.
M19	22 43	6 32	4 9	17 29	2 32	13 31	0 42	6 38	0 11	22 9	1 0	13 45	2 30	22 4	0 10	3 45	2 2	34 23	13 36	20 11	19 59	20 38			n.a.
T 20	22 35	1 48	4 47	17 15	2 47	13 3	0 39	6 21	0 10	22 6	1 0	13 47	2 30	22 4	0 10	3 45	2 2	34 22	13 36	20 11	19 59	20 39			n.a.
W21	22 26	2s51	5 10	17 4	3 0	12 35	0 36	6 5	0 10	22 3	1 0	13 48	2 31	22 3	0 10	3 45	2 2	34 22	13 36	20 11	20 0	20 40			n.a.
T 22	22 17	7 17	5 17	16 56	3 13	12 6	0 32	5 48	0 9	22 0	1 0	13 49	2 31	22 3	0 10	3 45	2 2	34 21	13 36	20 11	20 1	20 41			n.a.
F 23	22 8	11 19	5 10	16 51	3 24	11 38	0 29	5 32	0 8	21 58	1 0	13 50	2 31	22 3	0 10	3 46	2 2	34 21	13 36	20 11	20 2	20 42			n.a.
S 24	21 58	14 51	4 49	16 50	3 34	11 9	0 25	5 15	0 7	21 55	1 0	13 52	2 31	22 3	0 10	3 46	2 2	34 21	13 36	20 11	20 2	20 43			n.a.
S 25	21 48	17 45	4 16	16 51	3 42	10 40	0 22	4 58	0 6	21 52	1 0	13 53	2 31	22 2	0 10	3 46	2 2	34 20	13 36	20 12	20 3	20 44			n.a.
M26	21 38	19 54	3 33	16 55	3 48	10 10	0 18	4 42	0 5	21 49	1 0	13 54	2 32	22 2	0 10	3 47	2 2	34 20	13 36	20 12	20 4	20 44			n.a.
T 27	21 27	21 11	2 40	17 2	3 53	9 41	0 14	4 25	0 5	21 46	1 0	13 56	2 32	22 2	0 10	3 47	2 2	34 20	13 36	20 12	20 5	20 45			n.a.
W28	21 15	21 33	1 40	17 12	3 55	9 11	0 11	4 8	0 4	21 43	1 0	13 57	2 32	22 1	0 10	3 47	2 1	34 19	13 36	20 12	20 5	20 46			n.a.
T 29	21 4	20 56	0 35	17 23	3 55	8 41	0 7	3 52	0 3	21 40	1 0	13 59	2 32	22 1	0 10	3 48	2 1	34 19	13 36	20 12	20 6	20 47			n.a.
F 30	20 51	19 21	0s31	17 36	3 53	8 11	0 3	3 35	0 2	21 37	1 0	14 0	2 33	22 1	0 10	3 48	2 1	34 19	13 36	20 12	20 7	20 48			n.a.
S 31	20s39	16s52	1s38	17s50	3n48	7s41	0n 1	3s18	0s 1	21s34	1s 0	14n 2	2n33	22n 1	0n10	3n48	2s 1	34s18	13s36	20n12	20n 7	20s49			n.a.

Julian Day Number = 1207516.5, Delta T = 09h16m17s
Ecliptic obliquity = 23°51'32, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'24, Lahiri = -23°22'24 Julian Calendar 1 Jan. 1407 BCE == Greg. Calendar 19 Dec. 1408 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

FEBRUARY 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 53 19	0♒19'01	1♓34	23°R36	11♓49	22♓31	29♑52	29°R59	6°R52	14♈ 8	27♑35	1♌22	1♌40	26♐24	n.a.	S 1
M 2	7 57 16	1°18'43	14° 7	22♑43	12°58	23°11	0♒ 6	29♌56	6♊51	14° 9	27°37	1°R22	1°37	26°30	n.a.	M 2
T 3	8 1 12	2°18'24	26°54	21°53	14° 7	23°51	0°21	29°52	6°50	14°10	27°39	1°22	1°34	26°37	n.a.	T 3
W 4	8 5 9	3°18'01	9♈57	21° 8	15°16	24°31	0°35	29°48	6°49	14°11	27°40	1°22	1°31	26°44	n.a.	W 4
T 5	8 9 5	4°17'37	23°18	20°29	16°25	25°11	0°50	29°44	6°48	14°12	27°42	1°22	1°28	26°50	n.a.	T 5
F 6	8 13 2	5°17'10	6♉57	19°55	17°33	25°50	1° 4	29°40	6°47	14°13	27°43	1°D22	1°24	26°57	n.a.	F 6
S 7	8 16 58	6°16'40	20°56	19°27	18°41	26°30	1°18	29°36	6°46	14°14	27°45	1°22	1°21	27° 4	n.a.	S 7
S 8	8 20 55	7°16'08	5♊14	19° 6	19°50	27°10	1°33	29°32	6°45	14°15	27°47	1°22	1°18	27°10	n.a.	S 8
M 9	8 24 51	8°15'33	19°49	18°51	20°57	27°50	1°47	29°28	6°44	14°16	27°48	1°23	1°15	27°17	n.a.	M 9
T 10	8 28 48	9°14'57	4♋35	18°41	22° 5	28°29	2° 2	29°24	6°43	14°18	27°50	1°23	1°12	27°24	n.a.	T 10
W11	8 32 44	10°14'17	19°28	18°D38	23°13	29° 9	2°16	29°20	6°42	14°19	27°51	1°24	1° 9	27°30	n.a.	W11
T 12	8 36 41	11°13'36	4♌20	18°41	24°20	29°49	2°30	29°16	6°42	14°20	27°53	1°R24	1° 5	27°37	n.a.	T 12
F 13	8 40 38	12°12'52	19° 3	18°49	25°27	0♈28	2°45	29°12	6°41	14°21	27°54	1°24	1° 2	27°44	n.a.	F 13
S 14	8 44 34	13°12'05	3♍30	19° 3	26°34	1° 8	2°59	29° 7	6°40	14°22	27°56	1°23	0°59	27°50	n.a.	S 14
S 15	8 48 31	14°11'17	17°36	19°22	27°41	1°47	3°13	29° 3	6°40	14°24	27°58	1°21	0°56	27°57	n.a.	S 15
M16	8 52 27	15°10'27	1♎17	19°45	28°47	2°27	3°28	28°59	6°39	14°25	27°59	1°19	0°53	28° 4	n.a.	M16
T 17	8 56 24	16° 9'34	14°33	20°14	29°53	3° 6	3°42	28°54	6°39	14°26	28° 1	1°18	0°49	28°10	n.a.	T 17
W18	9 0 20	17° 8'40	27°25	20°46	0♈59	3°46	3°56	28°50	6°38	14°28	28° 2	1°16	0°46	28°17	n.a.	W18
T 19	9 4 17	18° 7'44	9♏55	21°23	2° 5	4°25	4°10	28°45	6°38	14°29	28° 4	1°15	0°43	28°24	n.a.	T 19
F 20	9 8 13	19° 6'46	22° 8	22° 4	3°11	5° 5	4°25	28°41	6°38	14°31	28° 5	1°D15	0°40	28°30	n.a.	F 20
S 21	9 12 10	20° 5'46	4♐ 8	22°48	4°16	5°44	4°39	28°36	6°37	14°32	28° 7	1°16	0°37	28°37	n.a.	S 21
S 22	9 16 6	21° 4'44	16° 0	23°36	5°21	6°24	4°53	28°32	6°37	14°33	28° 8	1°17	0°34	28°44	n.a.	S 22
M23	9 20 3	22° 3'40	27°48	24°28	6°26	7° 3	5° 7	28°27	6°37	14°35	28°10	1°18	0°30	28°50	n.a.	M23
T 24	9 24 0	23° 2'35	9♑37	25°22	7°31	7°43	5°21	28°23	6°37	14°37	28°11	1°20	0°27	28°57	n.a.	T 24
W25	9 27 56	24° 1'27	21°32	26°19	8°35	8°22	5°35	28°18	6°D37	14°38	28°13	1°21	0°24	29° 4	n.a.	W25
T 26	9 31 53	25° 0'17	3♒34	27°20	9°39	9° 1	5°49	28°14	6°37	14°40	28°14	1°R22	0°21	29°10	n.a.	T 26
F 27	9 35 49	25°59'05	15°47	28°23	10°43	9°41	6° 3	28° 9	6°37	14°41	28°16	1°21	0°18	29°17	n.a.	F 27
S 28	9 39 46	26♒57'51	28♒13	29♑28	11♈46	10♈20	6♒17	28♌ 5	6♊37	14♈43	28♑17	1♌19	0♌15	29♐24	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s26	13s35	2s40	18s 6	3n43	7s10	0n 5	3s 2	0s 1	21s31	1s 0	14n 3	2n33	22n 1	0n10	3n49	2s 1	34s18	13s36	20n12	20n 8	20s50		n.a.
M 2	20 13	9 40	3 36	18 23	3 35	6 40	0 9	2 45	0n 0	21 28	1 0	14 5	2 33	22 0	0 10	3 49	2 1	34 18	13 36	20 12	20 9	20 51		n.a.
T 3	19 59	5 15	4 22	18 39	3 26	6 9	0 13	2 28	0 1	21 25	1 0	14 6	2 33	22 0	0 10	3 50	2 1	34 17	13 36	20 12	20 10	20 52		n.a.
W 4	19 46	0 31	4 56	18 57	3 16	5 38	0 17	2 11	0 2	21 22	1 0	14 8	2 33	22 0	0 10	3 50	2 1	34 17	13 36	20 12	20 10	20 53		n.a.
T 5	19 31	4n21	5 15	19 14	3 4	5 7	0 21	1 55	0 3	21 19	1 1	14 9	2 34	22 0	0 10	3 51	2 1	34 17	13 36	20 12	20 11	20 54		n.a.
F 6	19 17	9 6	5 16	19 31	2 52	4 37	0 26	1 38	0 3	21 15	1 1	14 11	2 34	22 0	0 10	3 51	2 1	34 17	13 36	20 12	20 12	20 54		n.a.
S 7	19 2	13 30	4 59	19 48	2 39	4 5	0 30	1 21	0 4	21 12	1 1	14 12	2 34	21 59	0 10	3 52	2 1	34 16	13 37	20 12	20 12	20 55		n.a.
S 8	18 47	17 13	4 24	20 4	2 26	3 34	0 34	1 4	0 5	21 9	1 1	14 14	2 34	21 59	0 10	3 52	2 1	34 16	13 37	20 12	20 13	20 56		n.a.
M 9	18 31	19 57	3 31	20 20	2 12	3 3	0 39	0 48	0 6	21 6	1 1	14 15	2 34	21 59	0 10	3 53	2 1	34 16	13 37	20 12	20 14	20 57		n.a.
T 10	18 15	21 23	2 24	20 35	1 58	2 32	0 43	0 31	0 6	21 3	1 1	14 17	2 34	21 59	0 10	3 53	2 1	34 15	13 37	20 12	20 15	20 58		n.a.
W11	17 59	21 20	1 6	20 50	1 44	2 1	0 47	0 14	0 7	20 59	1 1	14 19	2 35	21 59	0 10	3 54	2 0	34 15	13 37	20 12	20 15	20 59		n.a.
T 12	17 43	19 47	0n16	21 3	1 30	1 30	0 52	0n 2	0 8	20 56	1 1	14 20	2 35	21 59	0 10	3 54	2 0	34 15	13 37	20 12	20 16	21 0		n.a.
F 13	17 26	16 54	1 36	21 16	1 16	0 59	0 56	0 19	0 8	20 53	1 1	14 22	2 35	21 59	0 11	3 55	2 0	34 15	13 37	20 12	20 17	21 1		n.a.
S 14	17 9	13 1	2 49	21 27	1 2	0 28	1 1	0 36	0 9	20 50	1 1	14 24	2 35	21 59	0 11	3 55	2 0	34 14	13 37	20 12	20 17	21 1		n.a.
S 15	16 52	8 29	3 49	21 38	0 48	0n 3	1 5	0 52	0 10	20 46	1 1	14 25	2 35	21 58	0 11	3 56	2 0	34 14	13 37	20 12	20 18	21 2		n.a.
M16	16 34	3 40	4 34	21 48	0 35	0 34	1 10	1 9	0 11	20 43	1 1	14 27	2 35	21 58	0 11	3 56	2 0	34 14	13 37	20 13	20 19	21 3		n.a.
T 17	16 16	1s11	5 3	21 56	0 22	1 5	1 15	1 26	0 11	20 40	1 2	14 29	2 35	21 58	0 11	3 57	2 0	34 14	13 38	20 13	20 20	21 4		n.a.
W18	15 58	5 50	5 16	22 4	0 10	1 36	1 19	1 42	0 12	20 36	1 2	14 30	2 35	21 58	0 11	3 57	2 0	34 14	13 38	20 14	20 20	21 5		n.a.
T 19	15 40	10 6	5 13	22 10	0s 2	2 7	1 24	1 59	0 13	20 33	1 2	14 32	2 36	21 58	0 11	3 58	2 0	34 13	13 38	20 14	20 21	21 6		n.a.
F 20	15 21	13 52	4 56	22 15	0 14	2 38	1 28	2 15	0 13	20 30	1 2	14 34	2 36	21 58	0 11	3 59	2 0	34 13	13 38	20 14	20 22	21 6		n.a.
S 21	15 2	16 59	4 26	22 18	0 25	3 9	1 33	2 32	0 14	20 26	1 2	14 35	2 36	21 58	0 11	3 59	2 0	34 13	13 38	20 14	20 22	21 7		n.a.
S 22	14 43	19 23	3 45	22 20	0 36	3 39	1 38	2 48	0 15	20 23	1 2	14 37	2 36	21 58	0 11	4 0	2 0	34 13	13 38	20 13	20 23	21 8		n.a.
M23	14 24	20 56	2 55	22 21	0 46	4 9	1 42	3 5	0 15	20 20	1 2	14 39	2 36	21 58	0 11	4 1	2 0	34 13	13 38	20 13	20 24	21 9		n.a.
T 24	14 4	21 33	1 57	22 21	0 56	4 40	1 47	3 21	0 16	20 16	1 2	14 40	2 36	21 58	0 11	4 1	2 0	34 12	13 39	20 13	20 24	21 10		n.a.
W25	13 45	21 13	0 54	22 19	1 5	5 10	1 52	3 38	0 17	20 13	1 2	14 42	2 36	21 58	0 11	4 2	2 0	34 12	13 39	20 12	20 25	21 10		n.a.
T 26	13 25	19 54	0s12	22 16	1 14	5 40	1 56	3 54	0 17	20 9	1 3	14 44	2 36	21 58	0 11	4 3	2 0	34 12	13 39	20 12	20 26	21 11		n.a.
F 27	13 5	17 38	1 19	22 11	1 22	6 9	2 1	4 10	0 18	20 6	1 3	14 45	2 36	21 58	0 11	4 3	2 0	34 12	13 39	20 13	20 27	21 12		n.a.
S 28	12s44	14s31	2s22	22s 5	1s30	6n39	2n 5	4n27	0n19	20s 2	1s 3	14n47	2n36	21n58	0n11	4n 4	1s59	34s12	13s39	20n13	20n27	21s13		n.a.

Julian Day Number = 1207547.5, Delta T = 09h16m15s
Ecliptic obliquity = 23°51'33, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'20, Lahiri = -23°22'19 Julian Calendar 1 Feb. 1407 BCE == Greg. Calendar 19 Jan. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

MARCH 1407 BCE (-1406) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 43 42	27♒56'35	10♓53	0♒36	12♈49	10♈59	6♒31	28°R 0	6♊37	14♈44	28♉19	1°R15	0♌11	29♐30	n.a.	S 1
M 2	9 47 39	28°55'17	23°47	1°46	13°52	11°39	6°45	27♌56	6°38	14°46	28°20	1♌11	0° 8	29°37	n.a.	M 2
T 3	9 51 35	29°53'56	6♈54	2°59	14°55	12°18	6°59	27°51	6°38	14°48	28°21	1° 7	0° 5	29°44	n.a.	T 3
W 4	9 55 32	0♓52'33	20°15	4°14	15°57	12°57	7°13	27°46	6°38	14°50	28°23	1° 2	0° 2	29°50	n.a.	W 4
T 5	9 59 28	1°51'08	3♉49	5°31	16°59	13°36	7°26	27°42	6°39	14°51	28°24	0°59	29♋59	29°57	n.a.	T 5
F 6	10 3 25	2°49'41	17°35	6°50	18° 0	14°15	7°40	27°37	6°39	14°53	28°26	0°56	29°55	0♉ 4	n.a.	F 6
S 7	10 7 22	3°48'11	1♊32	8°10	19° 2	14°55	7°54	27°33	6°40	14°55	28°27	0°D55	29°52	0°10	n.a.	S 7
S 8	10 11 18	4°46'39	15°39	9°33	20° 2	15°34	8° 8	27°28	6°40	14°57	28°28	0°56	29°49	0°17	n.a.	S 8
M 9	10 15 15	5°45'04	29°56	10°58	21° 3	16°13	8°21	27°24	6°41	14°58	28°30	0°57	29°46	0°24	n.a.	M 9
T 10	10 19 11	6°43'28	14♋19	12°25	22° 3	16°52	8°35	27°19	6°41	15° 0	28°31	0°58	29°43	0°30	n.a.	T 10
W11	10 23 8	7°41'49	28°45	13°53	23° 3	17°31	8°48	27°15	6°42	15° 2	28°32	0°R59	29°40	0°37	n.a.	W11
T 12	10 27 4	8°40'07	13♌11	15°23	24° 2	18°10	9° 2	27°10	6°43	15° 4	28°34	0°59	29°36	0°44	n.a.	T 12
F 13	10 31 1	9°38'24	27°32	16°56	25° 1	18°49	9°15	27° 6	6°44	15° 6	28°35	0°56	29°33	0°50	n.a.	F 13
S 14	10 34 57	10°36'39	11♍42	18°29	25°59	19°28	9°28	27° 2	6°45	15° 8	28°36	0°52	29°30	0°57	n.a.	S 14
S 15	10 38 54	11°34'51	25°37	20° 5	26°57	20° 7	9°42	26°57	6°46	15°10	28°37	0°46	29°27	1° 4	n.a.	S 15
M16	10 42 51	12°33'02	9♎13	21°42	27°54	20°46	9°55	26°53	6°47	15°12	28°39	0°40	29°24	1°10	n.a.	M16
T 17	10 46 47	13°31'11	22°28	23°22	28°51	21°25	10° 8	26°49	6°48	15°14	28°40	0°33	29°20	1°17	n.a.	T 17
W18	10 50 44	14°29'18	5♏20	25° 3	29°48	22° 4	10°21	26°44	6°49	15°16	28°41	0°26	29°17	1°24	n.a.	W18
T 19	10 54 40	15°27'24	17°52	26°45	0♉44	22°43	10°34	26°40	6°50	15°18	28°42	0°21	29°14	1°30	n.a.	T 19
F 20	10 58 37	16°25'28	0♐ 7	28°30	1°39	23°22	10°47	26°36	6°51	15°20	28°43	0°18	29°11	1°37	n.a.	F 20
S 21	11 2 33	17°23'30	12° 9	0♓16	2°34	24° 1	11° 0	26°32	6°52	15°22	28°44	0°16	29° 8	1°44	n.a.	S 21
S 22	11 6 30	18°21'31	24° 1	2° 4	3°28	24°40	11°13	26°28	6°54	15°24	28°46	0°D16	29° 5	1°50	n.a.	S 22
M23	11 10 26	19°19'31	5♉50	3°54	4°22	25°19	11°26	26°24	6°55	15°26	28°47	0°17	29° 1	1°57	n.a.	M23
T 24	11 14 23	20°17'29	17°41	5°45	5°15	25°57	11°39	26°20	6°56	15°28	28°48	0°18	28°58	2° 4	n.a.	T 24
W25	11 18 19	21°15'25	29°38	7°39	6° 8	26°36	11°52	26°16	6°58	15°30	28°49	0°R19	28°55	2°10	n.a.	W25
T 26	11 22 16	22°13'20	11♒47	9°34	6°59	27°15	12° 4	26°12	6°59	15°32	28°50	0°18	28°52	2°17	n.a.	T 26
F 27	11 26 13	23°11'14	24°10	11°31	7°51	27°54	12°17	26° 8	7° 1	15°34	28°51	0°15	28°49	2°23	n.a.	F 27
S 28	11 30 9	24° 9'05	6♓50	13°29	8°41	28°33	12°29	26° 4	7° 2	15°36	28°52	0°11	28°46	2°30	n.a.	S 28
S 29	11 34 6	25° 6'55	19°48	15°30	9°31	29°11	12°42	26° 1	7° 4	15°38	28°53	0° 3	28°42	2°37	n.a.	S 29
M30	11 38 2	26° 4'44	3♈ 4	17°32	10°20	29°50	12°54	25°57	7° 6	15°40	28°54	29♋55	28°39	2°43	n.a.	M30
T 31	11 41 59	27♓ 2'31	16♈37	19♓35	11♉ 8	0♉29	13♒ 7	25♌53	7♊ 7	15♈42	28♉55	29♋45	28♋36	2♉50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	12s24	10s42	3s20	21s57	1s37	7n 8	2n10	4n43	0n19	19s59	1s 3	14n49	2n36	21n58	0n11	4n 5	1s59	34s12	13s39	20n14	20n28	21s14			n.a.
M 2	12 3	6 19	4 9	21 48	1 44	7 38	2 15	4 59	0 20	19 56	1 3	14 50	2 36	21 58	0 11	4 5	1 59	34 11	13 40	20 15	20 29	21 14			n.a.
T 3	11 42	1 34	4 46	21 37	1 50	8 6	2 19	5 15	0 20	19 52	1 3	14 52	2 36	21 58	0 11	4 6	1 59	34 11	13 40	20 16	20 29	21 15			n.a.
W 4	11 21	3n19	5 7	21 25	1 56	8 35	2 24	5 31	0 21	19 49	1 3	14 54	2 36	21 58	0 11	4 7	1 59	34 11	13 40	20 17	20 30	21 16			n.a.
T 5	11 0	8 7	5 12	21 11	2 1	9 4	2 28	5 47	0 22	19 45	1 3	14 55	2 36	21 58	0 11	4 7	1 59	34 11	13 40	20 18	20 31	21 17			n.a.
F 6	10 39	12 35	5 0	20 55	2 6	9 32	2 33	6 3	0 22	19 42	1 4	14 57	2 36	21 58	0 11	4 8	1 59	34 11	13 40	20 18	20 31	21 18			n.a.
S 7	10 17	16 26	4 29	20 38	2 10	10 0	2 37	6 19	0 23	19 38	1 4	14 59	2 36	21 58	0 11	4 9	1 59	34 11	13 41	20 18	20 32	21 18			n.a.
S 8	9 56	19 23	3 43	20 19	2 14	10 27	2 42	6 35	0 23	19 35	1 4	15 0	2 36	21 59	0 11	4 10	1 59	34 11	13 41	20 18	20 33	21 19			n.a.
M 9	9 34	21 10	2 42	19 58	2 17	10 55	2 46	6 51	0 24	19 31	1 4	15 2	2 36	21 59	0 11	4 10	1 59	34 11	13 41	20 18	20 33	21 20			n.a.
T 10	9 12	21 35	1 30	19 36	2 20	11 22	2 51	7 7	0 25	19 28	1 4	15 3	2 36	21 59	0 11	4 11	1 59	34 11	13 41	20 18	20 34	21 21			n.a.
W11	8 50	20 34	0 12	19 12	2 22	11 49	2 55	7 23	0 25	19 24	1 4	15 5	2 36	21 59	0 11	4 12	1 59	34 11	13 42	20 17	20 35	21 21			n.a.
T 12	8 28	18 12	1n 6	18 47	2 23	12 15	2 59	7 38	0 26	19 21	1 4	15 7	2 36	21 59	0 11	4 13	1 59	34 11	13 42	20 18	20 35	21 22			n.a.
F 13	8 5	14 43	2 19	18 19	2 24	12 41	3 4	7 54	0 26	19 17	1 5	15 8	2 36	21 59	0 11	4 14	1 59	34 10	13 42	20 18	20 36	21 23			n.a.
S 14	7 43	10 25	3 23	17 50	2 25	13 7	3 8	8 10	0 27	19 14	1 5	15 10	2 36	21 59	0 11	4 14	1 59	34 10	13 42	20 19	20 37	21 23			n.a.
S 15	7 21	5 38	4 14	17 20	2 25	13 32	3 12	8 25	0 27	19 10	1 5	15 11	2 36	21 59	0 11	4 15	1 59	34 10	13 43	20 20	20 37	21 24			n.a.
M16	6 58	0 41	4 48	16 47	2 24	13 57	3 16	8 41	0 28	19 7	1 5	15 13	2 36	22 0	0 11	4 16	1 59	34 10	13 43	20 22	20 38	21 25			n.a.
T 17	6 35	4s10	5 6	16 13	2 23	14 22	3 20	8 56	0 29	19 3	1 5	15 14	2 36	22 0	0 11	4 17	1 59	34 10	13 43	20 23	20 39	21 26			n.a.
W18	6 13	8 42	5 8	15 37	2 21	14 46	3 24	9 11	0 29	19 0	1 5	15 16	2 36	22 0	0 11	4 17	1 59	34 10	13 43	20 25	20 39	21 26			n.a.
T 19	5 50	12 44	4 55	14 59	2 19	15 10	3 28	9 27	0 30	18 56	1 5	15 17	2 36	22 0	0 11	4 18	1 59	34 10	13 44	20 26	20 40	21 27			n.a.
F 20	5 27	16 9	4 29	14 20	2 16	15 33	3 32	9 42	0 30	18 53	1 6	15 18	2 36	22 0	0 11	4 19	1 59	34 10	13 44	20 27	20 41	21 28			n.a.
S 21	5 4	18 50	3 51	13 39	2 13	15 56	3 36	9 57	0 31	18 50	1 6	15 20	2 36	22 1	0 11	4 20	1 59	34 10	13 44	20 27	20 41	21 28			n.a.
S 22	4 41	20 40	3 3	12 56	2 9	16 19	3 39	10 12	0 31	18 46	1 6	15 21	2 36	22 1	0 11	4 21	1 59	34 10	13 44	20 27	20 42	21 29			n.a.
M23	4 18	21 35	2 8	12 11	2 5	16 41	3 43	10 27	0 32	18 43	1 6	15 22	2 36	22 1	0 11	4 22	1 58	34 10	13 45	20 27	20 43	21 30			n.a.
T 24	3 55	21 33	1 8	11 25	2 0	17 3	3 46	10 42	0 32	18 39	1 6	15 24	2 36	22 1	0 11	4 22	1 58	34 10	13 45	20 26	20 43	21 31			n.a.
W25	3 31	20 31	0 4	10 37	1 54	17 24	3 50	10 57	0 33	18 36	1 6	15 25	2 36	22 2	0 11	4 23	1 58	34 10	13 45	20 26	20 44	21 31			n.a.
T 26	3 8	18 32	1s 1	9 47	1 48	17 45	3 53	11 11	0 33	18 32	1 7	15 26	2 36	22 2	0 11	4 24	1 58	34 10	13 46	20 26	20 45	21 32			n.a.
F 27	2 45	15 39	2 5	8 56	1 42	18 5	3 56	11 26	0 34	18 29	1 7	15 28	2 36	22 2	0 11	4 25	1 58	34 10	13 46	20 27	20 45	21 33			n.a.
S 28	2 22	11 59	3 3	8 3	1 35	18 25	3 59	11 41	0 34	18 25	1 7	15 29	2 36	22 2	0 11	4 26	1 58	34 10	13 46	20 28	20 46	21 33			n.a.
S 29	1 58	7 41	3 54	7 9	1 27	18 44	4 2	11 55	0 35	18 22	1 7	15 30	2 35	22 3	0 11	4 27	1 58	34 11	13 46	20 30	20 47	21 34			n.a.
M30	1 35	2 55	4 33	6 13	1 19	19 2	4 5	12 9	0 35	18 19	1 7	15 31	2 35	22 3	0 11	4 28	1 58	34 11	13 47	20 32	20 47	21 35			n.a.
T 31	1s12	2n 5	4s57	5s16	1s11	19n21	4n 8	12n24	0n36	18s15	1s 8	15n32	2n35	22n 3	0n11	4n28	1s58	34s11	13s47	20n34	20n48	21s35			n.a.

Julian Day Number = 1207575.5, Delta T = 09h16m14s
Ecliptic obliquity = 23°51'34, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'16, Lahiri = -23°22'16 Julian Calendar 1 March 1407 BCE == Greg. Calendar 16 Feb. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

APRIL 1407 BCE (-1406) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 45 55	28♓ 0'16	0♉23	21♓40	11♉56	1♉ 7	13♒19	25°R50	7♊ 9	15♈45	28♑56	29°R36	28♋33	2♑57	n.a.	W 1
T 2	11 49 52	28°58'00	14°19	23°46	12°42	1°46	13°31	25♌46	7°11	15°47	28°57	29♋28	28°30	3° 3	n.a.	T 2
F 3	11 53 48	29°55'42	28°22	25°54	13°28	2°25	13°43	25°43	7°13	15°49	28°58	29°22	28°26	3°10	n.a.	F 3
S 4	11 57 45	0♈53'22	12♊29	28° 3	14°13	3° 3	13°55	25°40	7°15	15°51	28°59	29°18	28°23	3°17	n.a.	S 4
S 5	12 1 42	1°51'00	26°37	0♈12	14°57	3°42	14° 7	25°36	7°17	15°53	29° 0	29°D17	28°20	3°23	n.a.	S 5
M 6	12 5 38	2°48'37	10♋46	2°23	15°40	4°21	14°19	25°33	7°19	15°56	29° 0	29°17	28°17	3°30	n.a.	M 6
T 7	12 9 35	3°46'12	24°53	4°33	16°22	4°59	14°31	25°30	7°21	15°58	29° 1	29°R17	28°14	3°37	n.a.	T 7
W 8	12 13 31	4°43'45	8♌58	6°44	17° 3	5°38	14°42	25°27	7°23	16° 0	29° 2	29°17	28°11	3°43	n.a.	W 8
T 9	12 17 28	5°41'17	22°59	8°55	17°43	6°16	14°54	25°24	7°25	16° 2	29° 3	29°15	28° 7	3°50	n.a.	T 9
F 10	12 21 24	6°38'47	6♍54	11° 6	18°21	6°55	15° 5	25°21	7°27	16° 4	29° 4	29°11	28° 4	3°57	n.a.	F 10
S 11	12 25 21	7°36'15	20°40	13°16	18°59	7°34	15°17	25°18	7°29	16° 7	29° 4	29° 3	28° 1	4° 3	n.a.	S 11
S 12	12 29 17	8°33'42	4♎14	15°25	19°35	8°12	15°28	25°16	7°31	16° 9	29° 5	28°54	27°58	4°10	n.a.	S 12
M13	12 33 14	9°31'08	17°33	17°32	20°10	8°51	15°39	25°13	7°34	16°11	29° 6	28°43	27°55	4°17	n.a.	M13
T 14	12 37 10	10°28'32	0♏36	19°39	20°44	9°29	15°50	25°10	7°36	16°13	29° 6	28°31	27°51	4°23	n.a.	T 14
W15	12 41 7	11°25'56	13°21	21°44	21°16	10° 8	16° 1	25° 8	7°38	16°15	29° 7	28°20	27°48	4°30	n.a.	W15
T 16	12 45 4	12°23'19	25°49	23°47	21°47	10°46	16°12	25° 6	7°41	16°18	29° 8	28°10	27°45	4°37	n.a.	T 16
F 17	12 49 0	13°20'40	8♐ 2	25°48	22°17	11°24	16°23	25° 3	7°43	16°20	29° 8	28° 3	27°42	4°43	n.a.	F 17
S 18	12 52 57	14°18'01	20° 2	27°46	22°45	12° 3	16°34	25° 1	7°46	16°22	29° 9	27°59	27°39	4°50	n.a.	S 18
S 19	12 56 53	15°15'21	1♑55	29°43	23°11	12°41	16°44	24°59	7°48	16°24	29°10	27°56	27°36	4°57	n.a.	S 19
M20	13 0 50	16°12'40	13°44	1♉37	23°36	13°20	16°55	24°57	7°51	16°27	29°10	27°D56	27°32	5° 3	n.a.	M20
T 21	13 4 46	17° 9'59	25°35	3°29	23°59	13°58	17° 5	24°55	7°53	16°29	29°11	27°R56	27°29	5°10	n.a.	T 21
W22	13 8 43	18° 7'16	7♒33	5°18	24°20	14°37	17°16	24°53	7°56	16°31	29°11	27°55	27°26	5°17	n.a.	W22
T 23	13 12 39	19° 4'33	19°44	7° 4	24°40	15°15	17°26	24°51	7°59	16°33	29°12	27°54	27°23	5°23	n.a.	T 23
F 24	13 16 36	20° 1'50	2♓13	8°47	24°58	15°53	17°36	24°50	8° 1	16°36	29°12	27°50	27°20	5°30	n.a.	F 24
S 25	13 20 33	20°59'05	15° 2	10°28	25°14	16°32	17°46	24°48	8° 4	16°38	29°12	27°44	27°17	5°37	n.a.	S 25
S 26	13 24 29	21°56'20	28°14	12° 7	25°28	17°10	17°56	24°47	8° 7	16°40	29°13	27°35	27°13	5°43	n.a.	S 26
M27	13 28 26	22°53'34	11♈49	13°42	25°39	17°48	18° 6	24°45	8°10	16°42	29°13	27°24	27°10	5°50	n.a.	M27
T 28	13 32 22	23°50'47	25°45	15°15	25°49	18°27	18°15	24°44	8°13	16°45	29°14	27°13	27° 7	5°57	n.a.	T 28
W29	13 36 19	24°48'00	9♉56	16°44	25°57	19° 5	18°25	24°43	8°15	16°47	29°14	27° 1	27° 4	6° 3	n.a.	W29
T 30	13 40 15	25♈45'12	24♉19	18♉11	26♉ 2	19♉43	18♒34	24♌41	8♊18	16♈49	29♑14	26♋51	27♋ 1	6♑10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0s48	7n 3	5s 5	4s18	1s 2	19n38	4n10	12n38	0n36	18s12	1s 8	15n34	2n35	22n 4	0n11	4n29	1s58	34s11	13s47	20n36	20n49	21s36		n.a.
T 2	0 25	11 44	4 55	3 19	0 52	19 55	4 13	12 52	0 37	18 8	1 8	15 35	2 35	22 4	0 11	4 30	1 58	34 11	13 48	20 37	20 49	21 37		n.a.
F 3	0 2	15 48	4 27	2 19	0 43	20 12	4 15	13 6	0 37	18 5	1 8	15 36	2 35	22 4	0 11	4 31	1 58	34 11	13 48	20 39	20 50	21 37		n.a.
S 4	0n22	19 0	3 43	1 17	0 33	20 28	4 17	13 20	0 38	18 2	1 8	15 37	2 35	22 4	0 11	4 32	1 58	34 11	13 48	20 39	20 51	21 38		n.a.
S 5	0 45	21 4	2 45	0 16	0 23	20 43	4 19	13 34	0 38	17 58	1 9	15 38	2 35	22 5	0 11	4 33	1 58	34 11	13 49	20 40	20 51	21 38		n.a.
M 6	1 8	21 48	1 37	0n46	0 12	20 58	4 21	13 48	0 39	17 55	1 9	15 39	2 35	22 5	0 11	4 34	1 58	34 11	13 49	20 40	20 52	21 39		n.a.
T 7	1 31	21 8	0 24	1 49	0 2	21 12	4 23	14 1	0 39	17 52	1 9	15 40	2 34	22 5	0 11	4 34	1 58	34 11	13 49	20 39	20 53	21 40		n.a.
W 8	1 55	19 9	0n51	2 51	0n 9	21 26	4 24	14 15	0 39	17 49	1 9	15 41	2 34	22 6	0 11	4 35	1 58	34 11	13 50	20 39	20 53	21 40		n.a.
T 9	2 18	16 1	2 3	3 54	0 19	21 39	4 25	14 28	0 40	17 45	1 9	15 41	2 34	22 6	0 11	4 36	1 58	34 12	13 50	20 40	20 54	21 41		n.a.
F 10	2 41	12 0	3 6	4 55	0 30	21 51	4 26	14 42	0 40	17 42	1 10	15 42	2 34	22 7	0 11	4 37	1 58	34 12	13 50	20 41	20 55	21 42		n.a.
S 11	3 4	7 24	3 58	5 56	0 40	22 3	4 27	14 55	0 41	17 39	1 10	15 43	2 34	22 7	0 11	4 38	1 58	34 12	13 51	20 42	20 55	21 42		n.a.
S 12	3 27	2 29	4 35	6 57	0 50	22 14	4 28	15 8	0 41	17 36	1 10	15 44	2 34	22 7	0 11	4 39	1 58	34 12	13 51	20 44	20 56	21 43		n.a.
M13	3 50	2s27	4 56	7 56	1 0	22 24	4 28	15 21	0 42	17 32	1 10	15 45	2 34	22 8	0 11	4 40	1 58	34 12	13 51	20 47	20 57	21 43		n.a.
T 14	4 13	7 11	5 2	8 53	1 10	22 33	4 29	15 34	0 42	17 29	1 10	15 45	2 33	22 8	0 11	4 41	1 58	34 12	13 52	20 49	20 57	21 44		n.a.
W15	4 36	11 29	4 52	9 50	1 19	22 42	4 29	15 47	0 43	17 26	1 11	15 46	2 33	22 8	0 11	4 41	1 58	34 13	13 52	20 51	20 58	21 45		n.a.
T 16	4 59	15 13	4 28	10 44	1 27	22 51	4 28	16 0	0 43	17 23	1 11	15 47	2 33	22 9	0 11	4 42	1 58	34 13	13 52	20 53	20 59	21 45		n.a.
F 17	5 21	18 13	3 52	11 37	1 35	22 58	4 28	16 12	0 43	17 20	1 11	15 47	2 33	22 9	0 11	4 43	1 58	34 13	13 53	20 55	20 59	21 46		n.a.
S 18	5 44	20 22	3 7	12 27	1 43	23 5	4 27	16 25	0 44	17 17	1 11	15 48	2 33	22 10	0 11	4 44	1 58	34 13	13 53	20 56	21 0	21 46		n.a.
S 19	6 7	21 37	2 14	13 16	1 49	23 11	4 26	16 37	0 44	17 14	1 12	15 49	2 33	22 10	0 11	4 45	1 58	34 13	13 53	20 56	21 0	21 47		n.a.
M20	6 29	21 54	1 15	14 3	1 56	23 16	4 25	16 49	0 45	17 11	1 12	15 49	2 32	22 11	0 11	4 46	1 58	34 14	13 54	20 56	21 1	21 47		n.a.
T 21	6 51	21 12	0 12	14 47	2 1	23 20	4 23	17 1	0 45	17 8	1 12	15 50	2 32	22 11	0 11	4 47	1 58	34 14	13 54	20 56	21 2	21 48		n.a.
W22	7 14	19 31	0s51	15 29	2 6	23 24	4 21	17 13	0 45	17 5	1 12	15 50	2 32	22 11	0 11	4 48	1 58	34 14	13 54	20 56	21 2	21 49		n.a.
T 23	7 36	16 56	1 53	16 9	2 10	23 26	4 18	17 25	0 46	17 2	1 13	15 51	2 32	22 12	0 11	4 48	1 58	34 14	13 55	20 57	21 3	21 49		n.a.
F 24	7 58	13 31	2 51	16 47	2 13	23 28	4 16	17 37	0 46	16 59	1 13	15 51	2 32	22 12	0 11	4 49	1 58	34 15	13 55	20 58	21 4	21 50		n.a.
S 25	8 20	9 24	3 42	17 22	2 16	23 29	4 13	17 49	0 47	16 56	1 13	15 51	2 32	22 13	0 11	4 50	1 58	34 15	13 55	20 59	21 4	21 50		n.a.
S 26	8 42	4 43	4 23	17 55	2 18	23 29	4 9	18 0	0 47	16 53	1 13	15 52	2 31	22 13	0 11	4 51	1 58	34 15	13 56	21 1	21 5	21 51		n.a.
M27	9 3	0n19	4 50	18 26	2 19	23 28	4 5	18 12	0 47	16 50	1 14	15 52	2 31	22 14	0 11	4 52	1 58	34 15	13 56	21 3	21 6	21 51		n.a.
T 28	9 25	5 28	5 1	18 55	2 20	23 27	4 1	18 23	0 48	16 47	1 14	15 52	2 31	22 14	0 11	4 53	1 58	34 16	13 57	21 5	21 6	21 52		n.a.
W29	9 46	10 25	4 53	19 21	2 19	23 24	3 56	18 34	0 48	16 45	1 14	15 53	2 31	22 15	0 11	4 54	1 58	34 16	13 57	21 7	21 7	21 52		n.a.
T 30	10n 7	14n52	4s27	19n45	2n18	23n21	3n51	18n45	0n48	16s42	1s14	15n53	2n31	22n15	0n11	4n55	1s58	34s16	13s57	21n 9	21n 7	21s53		n.a.

Julian Day Number = 1207606.5, Delta T = 09h16m12s
Ecliptic obliquity = 23°51'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'12, Lahiri = -23°22'11 Julian Calendar 1 Apr. 1407 BCE == Greg. Calendar 19 March 1407 BCE

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

MAY 1407 BCE (-1406) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 44 12	26♈42'23	8♊45	19♉35	26♉ 5	20♉22	18♒44	24°R40	8♊21	16♈51	29♑15	26°R43	26♋57	6♑16	n.a.	F 1
S 2	13 48 9	27°39'33	23°11	20°56	26°R 6	21° 0	18°53	24♌40	8°24	16°53	29°15	26♋38	26°54	6°23	n.a.	S 2
S 3	13 52 5	28°36'43	7♋32	22°14	26° 5	21°38	19° 2	24°39	8°27	16°56	29°15	26°36	26°51	6°30	n.a.	S 3
M 4	13 56 2	29°33'51	21°44	23°30	26° 1	22°16	19°11	24°38	8°30	16°58	29°15	26°35	26°48	6°36	n.a.	M 4
T 5	13 59 58	0♉30'59	5♌47	24°42	25°55	22°55	19°20	24°37	8°33	17° 0	29°16	26°35	26°45	6°43	n.a.	T 5
W 6	14 3 55	1°28'06	19°40	25°50	25°46	23°33	19°28	24°37	8°36	17° 2	29°16	26°34	26°42	6°50	n.a.	W 6
T 7	14 7 51	2°25'12	3♍23	26°56	25°35	24°11	19°37	24°36	8°40	17° 4	29°16	26°32	26°38	6°56	n.a.	T 7
F 8	14 11 48	3°22'17	16°56	27°59	25°22	24°49	19°45	24°36	8°43	17° 7	29°16	26°27	26°35	7° 3	n.a.	F 8
S 9	14 15 44	4°19'21	0♎19	28°58	25° 6	25°28	19°54	24°36	8°46	17° 9	29°16	26°19	26°32	7°10	n.a.	S 9
S 10	14 19 41	5°16'25	13°30	29°54	24°48	26° 6	20° 2	24°36	8°49	17°11	29°16	26° 9	26°29	7°16	n.a.	S 10
M11	14 23 38	6°13'29	26°28	0♏46	24°27	26°44	20°10	24°D36	8°52	17°13	29°16	25°57	26°26	7°23	n.a.	M11
T 12	14 27 34	7°10'32	9♏14	1°34	24° 5	27°22	20°18	24°36	8°55	17°15	29°16	25°44	26°23	7°30	n.a.	T 12
W13	14 31 31	8° 7'35	21°46	2°19	23°40	28° 0	20°25	24°36	8°59	17°17	29°R16	25°32	26°19	7°36	n.a.	W13
T 14	14 35 27	9° 4'38	4♐ 4	3° 0	23°13	28°39	20°33	24°36	9° 2	17°20	29°16	25°22	26°16	7°43	n.a.	T 14
F 15	14 39 24	10° 1'40	16°10	3°38	22°44	29°17	20°40	24°36	9° 5	17°22	29°16	25°14	26°13	7°50	n.a.	F 15
S 16	14 43 20	10°58'43	28° 7	4°11	22°14	29°55	20°48	24°37	9° 9	17°24	29°16	25° 8	26°10	7°56	n.a.	S 16
S 17	14 47 17	11°55'46	9♑57	4°40	21°42	0♊33	20°55	24°37	9°12	17°26	29°16	25° 5	26° 7	8° 3	n.a.	S 17
M18	14 51 13	12°52'49	21°45	5° 4	21° 9	1°11	21° 2	24°38	9°15	17°28	29°16	25°D 4	26° 3	8°10	n.a.	M18
T 19	14 55 10	13°49'52	3♒35	5°24	20°34	1°49	21° 9	24°39	9°19	17°30	29°16	25° 5	26° 0	8°16	n.a.	T 19
W20	14 59 7	14°46'55	15°33	5°40	19°58	2°27	21°15	24°39	9°22	17°32	29°16	25°R 5	25°57	8°23	n.a.	W20
T 21	15 3 3	15°43'58	27°44	5°52	19°22	3° 6	21°22	24°40	9°26	17°34	29°15	25° 4	25°54	8°30	n.a.	T 21
F 22	15 7 0	16°41'02	10♓14	5°58	18°45	3°44	21°28	24°41	9°29	17°36	29°15	25° 2	25°51	8°36	n.a.	F 22
S 23	15 10 56	17°38'06	23° 6	6°R 0	18° 8	4°22	21°35	24°43	9°32	17°38	29°15	24°57	25°48	8°43	n.a.	S 23
S 24	15 14 53	18°35'10	6♈24	5°58	17°30	5° 0	21°41	24°44	9°36	17°40	29°15	24°50	25°44	8°50	n.a.	S 24
M25	15 18 49	19°32'15	20° 8	5°50	16°53	5°38	21°47	24°45	9°39	17°42	29°14	24°42	25°41	8°56	n.a.	M25
T 26	15 22 46	20°29'20	4♉18	5°39	16°16	6°16	21°52	24°46	9°43	17°44	29°14	24°32	25°38	9° 3	n.a.	T 26
W27	15 26 43	21°26'25	18°48	5°23	15°40	6°54	21°58	24°48	9°47	17°46	29°14	24°22	25°35	9° 9	n.a.	W27
T 28	15 30 39	22°23'31	3♊32	5° 2	15° 4	7°33	22° 3	24°50	9°50	17°48	29°14	24°14	25°32	9°16	n.a.	T 28
F 29	15 34 36	23°20'37	18°23	4°38	14°30	8°11	22° 9	24°51	9°54	17°50	29°13	24° 7	25°28	9°23	n.a.	F 29
S 30	15 38 32	24°17'43	3♋11	4°10	13°57	8°49	22°14	24°53	9°57	17°52	29°13	24° 3	25°25	9°29	n.a.	S 30
S 31	15 42 29	25♉14'49	17♋50	3♊39	13♉25	9♊27	22♒19	24♌55	10♊ 1	17♈54	29♑12	24°D 2	25♋22	9♑36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10n28	18n27	3s44	20n 8	2n17	23n16	3n46	18n56	0n49	16s39	1s15	15n53	2n30	22n16	0n11	4n55	1s58	34s16	13s58	21n11	21n 8	21s53		n.a.
S 2	10 49	20 54	2 47	20 27	2 14	23 10	3 40	19 7	0 49	16 37	1 15	15 53	2 30	22 16	0 11	4 56	1 58	34 17	13 58	21 12	21 9	21 54		n.a.
S 3	11 10	22 0	1 39	20 45	2 11	23 4	3 33	19 17	0 50	16 34	1 15	15 53	2 30	22 16	0 11	4 57	1 58	34 17	13 58	21 12	21 9	21 54		n.a.
M 4	11 31	21 39	0 26	21 1	2 7	22 56	3 27	19 28	0 50	16 31	1 15	15 53	2 30	22 17	0 11	4 58	1 58	34 17	13 59	21 12	21 10	21 55		n.a.
T 5	11 51	19 56	0n49	21 15	2 2	22 47	3 19	19 38	0 50	16 29	1 16	15 53	2 30	22 17	0 11	4 59	1 58	34 18	13 59	21 12	21 10	21 55		n.a.
W 6	12 11	17 3	1 59	21 27	1 57	22 38	3 11	19 48	0 51	16 26	1 16	15 53	2 29	22 18	0 11	5 0	1 58	34 18	13 59	21 13	21 11	21 56		n.a.
T 7	12 31	13 15	3 2	21 36	1 51	22 27	3 3	19 58	0 51	16 24	1 16	15 53	2 29	22 18	0 11	5 0	1 58	34 18	14 0	21 13	21 12	21 56		n.a.
F 8	12 51	8 49	3 53	21 44	1 44	22 15	2 54	20 8	0 51	16 21	1 17	15 53	2 29	22 19	0 11	5 1	1 58	34 19	14 0	21 14	21 12	21 57		n.a.
S 9	13 11	4 0	4 31	21 50	1 36	22 2	2 45	20 18	0 52	16 19	1 17	15 53	2 29	22 19	0 11	5 2	1 58	34 19	14 1	21 16	21 13	21 57		n.a.
S 10	13 31	0s55	4 54	21 55	1 28	21 48	2 35	20 27	0 52	16 17	1 17	15 53	2 29	22 20	0 11	5 3	1 58	34 19	14 1	21 17	21 14	21 58		n.a.
M11	13 50	5 43	5 1	21 57	1 19	21 33	2 24	20 37	0 52	16 14	1 17	15 53	2 28	22 20	0 11	5 4	1 58	34 20	14 1	21 20	21 14	21 58		n.a.
T 12	14 9	10 12	4 53	21 58	1 9	21 16	2 14	20 46	0 53	16 12	1 18	15 53	2 28	22 21	0 11	5 5	1 58	34 20	14 2	21 22	21 15	21 59		n.a.
W13	14 28	14 10	4 30	21 57	0 59	20 59	2 2	20 55	0 53	16 10	1 18	15 52	2 28	22 22	0 11	5 5	1 58	34 20	14 2	21 24	21 15	21 59		n.a.
T 14	14 46	17 28	3 56	21 54	0 48	20 41	1 51	21 4	0 53	16 8	1 18	15 52	2 28	22 22	0 11	5 6	1 58	34 21	14 2	21 26	21 16	22 0		n.a.
F 15	15 5	19 58	3 11	21 50	0 36	20 22	1 38	21 13	0 54	16 5	1 19	15 52	2 28	22 23	0 11	5 7	1 58	34 21	14 3	21 28	21 17	22 0		n.a.
S 16	15 23	21 33	2 18	21 44	0 23	20 2	1 26	21 22	0 54	16 3	1 19	15 51	2 27	22 23	0 11	5 8	1 58	34 21	14 3	21 29	21 17	22 0		n.a.
S 17	15 41	22 9	1 20	21 37	0 11	19 41	1 13	21 30	0 54	16 1	1 19	15 51	2 27	22 24	0 11	5 9	1 58	34 22	14 3	21 29	21 18	22 1		n.a.
M18	15 59	21 47	0 18	21 28	0s 3	19 19	1 0	21 39	0 55	15 59	1 19	15 51	2 27	22 24	0 11	5 9	1 58	34 22	14 4	21 30	21 18	22 1		n.a.
T 19	16 16	20 25	0s45	21 18	0 17	18 57	0 46	21 47	0 55	15 57	1 20	15 50	2 27	22 25	0 11	5 10	1 58	34 22	14 4	21 30	21 19	22 2		n.a.
W20	16 33	18 9	1 47	21 7	0 31	18 34	0 33	21 55	0 55	15 55	1 20	15 50	2 26	22 25	0 11	5 11	1 58	34 23	14 5	21 29	21 20	22 2		n.a.
T 21	16 50	15 2	2 45	20 54	0 46	18 11	0 19	22 3	0 56	15 54	1 20	15 49	2 26	22 26	0 11	5 12	1 58	34 23	14 5	21 30	21 20	22 3		n.a.
F 22	17 7	11 11	3 36	20 40	1 2	17 47	0 5	22 11	0 56	15 52	1 21	15 49	2 26	22 26	0 11	5 12	1 58	34 24	14 5	21 30	21 21	22 3		n.a.
S 23	17 23	6 44	4 19	20 25	1 17	17 23	0s 9	22 18	0 56	15 50	1 21	15 48	2 26	22 27	0 11	5 13	1 58	34 24	14 6	21 31	21 21	22 3		n.a.
S 24	17 40	1 49	4 48	20 9	1 33	16 59	0 23	22 26	0 56	15 48	1 21	15 47	2 26	22 27	0 11	5 14	1 58	34 24	14 6	21 32	21 22	22 4		n.a.
M25	17 55	3n20	5 3	19 53	1 49	16 35	0 37	22 33	0 57	15 47	1 22	15 47	2 25	22 28	0 11	5 15	1 58	34 25	14 6	21 34	21 23	22 4		n.a.
T 26	18 11	8 29	4 59	19 35	2 4	16 11	0 51	22 40	0 57	15 45	1 22	15 46	2 25	22 28	0 11	5 15	1 59	34 25	14 7	21 35	21 23	22 5		n.a.
W27	18 26	13 17	4 37	19 17	2 20	15 48	1 4	22 47	0 57	15 43	1 22	15 45	2 25	22 29	0 11	5 16	1 59	34 26	14 7	21 37	21 24	22 5		n.a.
T 28	18 41	17 22	3 56	18 58	2 35	15 24	1 18	22 54	0 58	15 42	1 23	15 45	2 25	22 30	0 11	5 17	1 59	34 26	14 7	21 39	21 24	22 5		n.a.
F 29	18 56	20 23	2 59	18 39	2 50	15 2	1 31	23 0	0 58	15 41	1 23	15 44	2 25	22 30	0 11	5 18	1 59	34 27	14 8	21 40	21 25	22 6		n.a.
S 30	19 11	22 0	1 49	18 20	3 5	14 39	1 44	23 7	0 58	15 39	1 23	15 43	2 24	22 31	0 11	5 18	1 59	34 27	14 8	21 41	21 26	22 6		n.a.
S 31	19n25	22n 6	0s33	18n 0	3s18	14n18	1s56	23n13	0n58	15s38	1s24	15n42	2n24	22n31	0n11	5n19	1s59	34s27	14s 8	21n41	21n26	22s 6		n.a.

Julian Day Number = 1207636.5, Delta T = 09h16m10s
Ecliptic obliquity = 23°51'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'08, Lahiri = -23°22'07 Julian Calendar 1 May 1407 BCE == Greg. Calendar 18 Apr. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

JUNE 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 46 25	26♉11'56	2♌16	3°R 5	12°R55	10♊ 5	22♒24	24♌57	10♊ 4	17♈55	29°R12	24♋ 2	25♋19	9♏43	n.a.	M 1
T 2	15 50 22	27° 9'02	16°26	2♊29	12♉27	10°43	22°28	24°59	10° 8	17°57	29♏12	24° 3	25°16	9°49	n.a.	T 2
W 3	15 54 18	28° 6'08	0♍18	1°51	12° 0	11°21	22°33	25° 1	10°12	17°59	29°11	24°R 3	25°13	9°56	n.a.	W 3
T 4	15 58 15	29° 3'15	13°54	1°12	11°36	11°59	22°37	25° 3	10°15	18° 1	29°11	24° 2	25° 9	10° 3	n.a.	T 4
F 5	16 2 12	0♊ 0'22	27°14	0°33	11°13	12°38	22°41	25° 6	10°19	18° 3	29°10	23°59	25° 6	10° 9	n.a.	F 5
S 6	16 6 8	0°57'29	10♎19	29♉53	10°53	13°16	22°45	25° 8	10°22	18° 4	29° 9	23°54	25° 3	10°16	n.a.	S 6
S 7	16 10 5	1°54'36	23°11	29°15	10°35	13°54	22°48	25°11	10°26	18° 6	29° 9	23°46	25° 0	10°23	n.a.	S 7
M 8	16 14 1	2°51'44	5♏50	28°38	10°20	14°32	22°52	25°13	10°30	18° 8	29° 8	23°38	24°57	10°29	n.a.	M 8
T 9	16 17 58	3°48'53	18°18	28° 4	10° 7	15°10	22°55	25°16	10°33	18°10	29° 8	23°29	24°54	10°36	n.a.	T 9
W10	16 21 54	4°46'02	0♐35	27°32	9°56	15°48	22°58	25°19	10°37	18°11	29° 7	23°20	24°50	10°43	n.a.	W10
T 11	16 25 51	5°43'12	12°41	27° 4	9°47	16°26	23° 1	25°22	10°41	18°13	29° 6	23°13	24°47	10°49	n.a.	T 11
F 12	16 29 48	6°40'22	24°40	26°40	9°41	17° 4	23° 4	25°25	10°44	18°15	29° 6	23° 7	24°44	10°56	n.a.	F 12
S 13	16 33 44	7°37'34	6♑32	26°21	9°38	17°42	23° 7	25°28	10°48	18°16	29° 5	23° 4	24°41	11° 3	n.a.	S 13
S 14	16 37 41	8°34'46	18°19	26° 6	9°D36	18°20	23° 9	25°31	10°52	18°18	29° 4	23°D 2	24°38	11° 9	n.a.	S 14
M15	16 41 37	9°32'00	0♒ 6	25°57	9°37	18°59	23°12	25°34	10°55	18°19	29° 4	23° 3	24°34	11°16	n.a.	M15
T 16	16 45 34	10°29'14	11°56	25°D53	9°41	19°37	23°14	25°37	10°59	18°21	29° 3	23° 4	24°31	11°23	n.a.	T 16
W17	16 49 30	11°26'30	23°54	25°56	9°46	20°15	23°15	25°41	11° 3	18°22	29° 2	23° 5	24°28	11°29	n.a.	W17
T 18	16 53 27	12°23'47	6♓ 5	26° 4	9°54	20°53	23°17	25°44	11° 6	18°24	29° 1	23° 6	24°25	11°36	n.a.	T 18
F 19	16 57 23	13°21'05	18°33	26°18	10° 4	21°31	23°19	25°48	11°10	18°25	29° 1	23°R 6	24°22	11°42	n.a.	F 19
S 20	17 1 20	14°18'24	1♈23	26°38	10°16	22° 9	23°20	25°51	11°14	18°27	29° 0	23° 5	24°19	11°49	n.a.	S 20
S 21	17 5 17	15°15'44	14°39	27° 5	10°30	22°47	23°21	25°55	11°17	18°28	28°59	23° 2	24°15	11°56	n.a.	S 21
M22	17 9 13	16°13'06	28°23	27°37	10°46	23°25	23°22	25°59	11°21	18°30	28°58	22°58	24°12	12° 2	n.a.	M22
T 23	17 13 10	17°10'29	12♉34	28°16	11° 4	24° 4	23°22	26° 3	11°25	18°31	28°57	22°53	24° 9	12° 9	n.a.	T 23
W24	17 17 6	18° 7'54	27°10	29° 2	11°24	24°42	23°23	26° 7	11°29	18°32	28°56	22°47	24° 6	12°16	n.a.	W24
T 25	17 21 3	19° 5'20	12♊ 5	29°53	11°45	25°20	23°23	26°11	11°32	18°34	28°56	22°43	24° 3	12°22	n.a.	T 25
F 26	17 24 59	20° 2'47	27°10	0♊50	12° 9	25°58	23°R23	26°15	11°36	18°35	28°55	22°40	24° 0	12°29	n.a.	F 26
S 27	17 28 56	21° 0'16	12♋16	1°53	12°34	26°36	23°23	26°19	11°39	18°36	28°54	22°38	23°56	12°36	n.a.	S 27
S 28	17 32 53	21°57'45	27°15	3° 1	13° 0	27°14	23°23	26°23	11°43	18°37	28°53	22°D38	23°53	12°42	n.a.	S 28
M29	17 36 49	22°55'16	11♌58	4°16	13°28	27°53	23°22	26°28	11°47	18°39	28°52	22°38	23°50	12°49	n.a.	M29
T 30	17 40 46	23♊52'47	26♌22	5♊35	13♉58	28♊31	23♒22	26♌32	11♊50	18♈40	28♏51	22♋40	23♋47	12♏56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19n38	20n43	0n44	17n41	3s31	13n57	2s 8	23n19	0n59	15s37	1s24	15n41	2n24	22n32	0n11	5n20	1s59	34s28	14s 9	21n41	21n27	22s 7		n.a.
T 2	19 52	18 3	1 57	17 23	3 43	13 37	2 20	23 25	0 59	15 35	1 24	15 40	2 24	22 32	0 11	5 20	1 59	34 28	14 9	21 41	21 27	22 7		n.a.
W 3	20 5	14 23	3 2	17 5	3 54	13 18	2 31	23 31	0 59	15 34	1 25	15 39	2 24	22 33	0 11	5 21	1 59	34 29	14 9	21 41	21 28	22 7		n.a.
T 4	20 18	10 3	3 55	16 48	4 3	13 1	2 42	23 36	0 59	15 33	1 25	15 38	2 23	22 33	0 11	5 22	1 59	34 29	14 10	21 41	21 29	22 8		n.a.
F 5	20 30	5 18	4 34	16 32	4 11	12 44	2 53	23 42	1 0	15 32	1 25	15 37	2 23	22 34	0 11	5 22	1 59	34 30	14 10	21 41	21 29	22 8		n.a.
S 6	20 43	0 24	4 58	16 17	4 18	12 28	3 2	23 47	1 0	15 31	1 26	15 36	2 23	22 34	0 11	5 23	1 59	34 30	14 10	21 42	21 30	22 9		n.a.
S 7	20 54	4s25	5 7	16 4	4 23	12 14	3 12	23 52	1 0	15 30	1 26	15 35	2 23	22 35	0 11	5 24	1 59	34 30	14 11	21 44	21 30	22 9		n.a.
M 8	21 6	8 59	5 0	15 53	4 26	12 0	3 21	23 57	1 1	15 29	1 26	15 34	2 23	22 35	0 11	5 24	1 59	34 31	14 11	21 45	21 31	22 9		n.a.
T 9	21 17	13 7	4 39	15 43	4 28	11 48	3 29	24 1	1 1	15 28	1 27	15 33	2 22	22 36	0 11	5 25	1 59	34 31	14 11	21 47	21 32	22 9		n.a.
W10	21 28	16 38	4 5	15 36	4 29	11 37	3 37	24 6	1 1	15 28	1 27	15 32	2 22	22 37	0 11	5 25	1 59	34 32	14 12	21 48	21 32	22 10		n.a.
T 11	21 38	19 24	3 20	15 31	4 27	11 28	3 44	24 10	1 1	15 27	1 27	15 31	2 22	22 37	0 11	5 26	1 59	34 32	14 12	21 49	21 33	22 10		n.a.
F 12	21 48	21 18	2 27	15 28	4 24	11 19	3 51	24 14	1 1	15 26	1 28	15 30	2 22	22 38	0 11	5 27	1 59	34 33	14 12	21 50	21 33	22 10		n.a.
S 13	21 58	22 13	1 28	15 28	4 20	11 12	3 58	24 18	1 2	15 26	1 28	15 28	2 22	22 38	0 11	5 27	1 59	34 33	14 13	21 51	21 34	22 11		n.a.
S 14	22 7	22 10	0 26	15 30	4 14	11 6	4 3	24 22	1 2	15 25	1 28	15 27	2 21	22 39	0 11	5 28	1 59	34 34	14 13	21 51	21 34	22 11		n.a.
M15	22 16	21 6	0s38	15 35	4 7	11 1	4 9	24 25	1 2	15 25	1 29	15 26	2 21	22 39	0 11	5 28	1 59	34 34	14 13	21 51	21 35	22 11		n.a.
T 16	22 25	19 7	1 41	15 42	3 59	10 57	4 14	24 29	1 2	15 25	1 29	15 25	2 21	22 40	0 11	5 29	1 59	34 34	14 13	21 51	21 36	22 12		n.a.
W17	22 33	16 18	2 40	15 51	3 50	10 55	4 18	24 32	1 3	15 24	1 29	15 23	2 21	22 40	0 11	5 29	1 59	34 35	14 14	21 51	21 36	22 12		n.a.
T 18	22 41	12 43	3 33	16 3	3 40	10 53	4 23	24 35	1 3	15 24	1 30	15 22	2 21	22 41	0 11	5 30	1 59	34 35	14 14	21 51	21 37	22 12		n.a.
F 19	22 48	8 32	4 17	16 17	3 28	10 53	4 26	24 38	1 3	15 24	1 30	15 20	2 20	22 41	0 11	5 30	2 0	34 36	14 14	21 51	21 37	22 12		n.a.
S 20	22 55	3 51	4 50	16 34	3 16	10 54	4 30	24 40	1 3	15 24	1 30	15 19	2 20	22 42	0 11	5 31	2 0	34 36	14 15	21 51	21 38	22 13		n.a.
S 21	23 2	1n 9	5 8	16 52	3 4	10 55	4 32	24 43	1 3	15 24	1 31	15 17	2 20	22 42	0 11	5 31	2 0	34 37	14 15	21 51	21 38	22 13		n.a.
M22	23 8	6 16	5 10	17 12	2 51	10 58	4 35	24 45	1 4	15 24	1 31	15 16	2 20	22 43	0 11	5 32	2 0	34 37	14 15	21 52	21 39	22 13		n.a.
T 23	23 14	11 13	4 54	17 34	2 37	11 1	4 37	24 47	1 4	15 24	1 31	15 14	2 20	22 44	0 11	5 32	2 0	34 38	14 15	21 53	21 40	22 13		n.a.
W24	23 19	15 41	4 18	17 58	2 23	11 6	4 39	24 49	1 4	15 24	1 32	15 13	2 20	22 44	0 11	5 33	2 0	34 38	14 16	21 54	21 40	22 14		n.a.
T 25	23 24	19 16	3 24	18 23	2 9	11 11	4 41	24 51	1 4	15 24	1 32	15 11	2 19	22 45	0 11	5 33	2 0	34 39	14 16	21 54	21 41	22 14		n.a.
F 26	23 29	21 35	2 15	18 49	1 54	11 17	4 42	24 52	1 5	15 25	1 32	15 10	2 19	22 45	0 11	5 34	2 0	34 39	14 16	21 55	21 41	22 14		n.a.
S 27	23 33	22 21	0 56	19 17	1 39	11 24	4 43	24 54	1 5	15 25	1 33	15 8	2 19	22 46	0 11	5 34	2 0	34 39	14 16	21 55	21 42	22 14		n.a.
S 28	23 37	21 29	0n25	19 45	1 25	11 31	4 43	24 55	1 5	15 25	1 33	15 7	2 19	22 46	0 11	5 35	2 0	34 40	14 17	21 55	21 42	22 15		n.a.
M29	23 40	19 10	1 44	20 13	1 10	11 39	4 44	24 56	1 5	15 26	1 33	15 5	2 19	22 47	0 11	5 35	2 0	34 40	14 17	21 55	21 43	22 15		n.a.
T 30	23n43	15n41	2n55	20n42	0s56	11n48	4s44	24n56	1n 5	15s26	1s34	15n 3	2n19	22n47	0n11	5n35	2s 0	34s41	14s17	21n55	21n43	22s15		n.a.

Julian Day Number = 1207667.5, Delta T = 09h16m08s
Ecliptic obliquity = 23°51'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°29'03, Lahiri = -23°22'03 Julian Calendar 1 June 1407 BCE == Greg. Calendar 19 May 1407 BCE

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

JULY 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 44 42	24♊50'20	10♍23	7♊ 0	14♉29	29♊ 9	23°R21	26♌37	11♊54	18♈41	28°R50	22♋41	23♋44	13♏ 2	n.a.	W 1
T 2	17 48 39	25°47'53	24° 1	8°29	15° 1	29°47	23♒20	26°41	11°58	18°42	28♏49	22°R42	23°40	13° 9	n.a.	T 2
F 3	17 52 35	26°45'28	7♎17	10° 3	15°35	0♋25	23°18	26°46	12° 1	18°43	28°48	22°41	23°37	13°16	n.a.	F 3
S 4	17 56 32	27°43'04	20°14	11°41	16°10	1° 4	23°17	26°51	12° 5	18°44	28°47	22°40	23°34	13°22	n.a.	S 4
S 5	18 0 28	28°40'41	2♏54	13°24	16°46	1°42	23°15	26°55	12° 8	18°45	28°46	22°37	23°31	13°29	n.a.	S 5
M 6	18 4 25	29°38'19	15°19	15° 9	17°24	2°20	23°13	27° 0	12°12	18°46	28°45	22°34	23°28	13°35	n.a.	M 6
T 7	18 8 22	0♋35'58	27°33	16°58	18° 2	2°58	23°11	27° 5	12°15	18°47	28°44	22°30	23°25	13°42	n.a.	T 7
W 8	18 12 18	1°33'39	9♐37	18°50	18°42	3°36	23° 9	27°10	12°19	18°48	28°43	22°27	23°21	13°49	n.a.	W 8
T 9	18 16 15	2°31'22	21°34	20°44	19°23	4°15	23° 7	27°15	12°23	18°49	28°41	22°24	23°18	13°55	n.a.	T 9
F 10	18 20 11	3°29'06	3♑26	22°40	20° 5	4°53	23° 4	27°20	12°26	18°50	28°40	22°22	23°15	14° 2	n.a.	F 10
S 11	18 24 8	4°26'51	15°14	24°37	20°48	5°31	23° 1	27°25	12°30	18°51	28°39	22°21	23°12	14° 9	n.a.	S 11
S 12	18 28 4	5°24'38	27° 1	26°36	21°31	6° 9	22°58	27°30	12°33	18°51	28°38	22°D21	23° 9	14°15	n.a.	S 12
M13	18 32 1	6°22'27	8♒50	28°35	22°16	6°48	22°55	27°36	12°36	18°52	28°37	22°22	23° 6	14°22	n.a.	M13
T 14	18 35 57	7°20'18	20°44	0♋35	23° 2	7°26	22°51	27°41	12°40	18°53	28°36	22°23	23° 2	14°29	n.a.	T 14
W15	18 39 54	8°18'11	2♓45	2°35	23°48	8° 4	22°48	27°46	12°43	18°54	28°35	22°24	22°59	14°35	n.a.	W15
T 16	18 43 51	9°16'05	14°58	4°35	24°36	8°43	22°44	27°52	12°47	18°54	28°34	22°25	22°56	14°42	n.a.	T 16
F 17	18 47 47	10°14'02	27°26	6°35	25°24	9°21	22°40	27°57	12°50	18°55	28°32	22°26	22°53	14°49	n.a.	F 17
S 18	18 51 44	11°12'00	10♈14	8°34	26°13	9°59	22°36	28° 3	12°53	18°56	28°31	22°R27	22°50	14°55	n.a.	S 18
S 19	18 55 40	12°10'00	23°24	10°33	27° 3	10°38	22°32	28° 9	12°57	18°56	28°30	22°26	22°46	15° 2	n.a.	S 19
M20	18 59 37	13° 8'03	7♉ 1	12°31	27°53	11°16	22°27	28°14	13° 0	18°57	28°29	22°26	22°43	15° 9	n.a.	M20
T 21	19 3 33	14° 6'08	21° 4	14°28	28°44	11°54	22°23	28°20	13° 3	18°57	28°28	22°25	22°40	15°15	n.a.	T 21
W22	19 7 30	15° 4'15	5♊32	16°24	29°36	12°33	22°18	28°26	13° 7	18°58	28°26	22°24	22°37	15°22	n.a.	W22
T 23	19 11 26	16° 2'24	20°22	18°19	0♊29	13°11	22°13	28°32	13°10	18°58	28°25	22°23	22°34	15°28	n.a.	T 23
F 24	19 15 23	17° 0'35	5♋27	20°14	1°22	13°50	22° 8	28°38	13°13	18°59	28°24	22°23	22°31	15°35	n.a.	F 24
S 25	19 19 20	17°58'48	20°39	22° 7	2°15	14°28	22° 2	28°44	13°16	18°59	28°23	22°D23	22°27	15°42	n.a.	S 25
S 26	19 23 16	18°57'03	5♌48	23°58	3°10	15° 6	21°57	28°50	13°20	18°59	28°22	22°23	22°24	15°48	n.a.	S 26
M27	19 27 13	19°55'20	20°45	25°49	4° 5	15°45	21°51	28°56	13°23	19° 0	28°20	22°23	22°21	15°55	n.a.	M27
T 28	19 31 9	20°53'38	5♍22	27°38	5° 0	16°23	21°45	29° 2	13°26	19° 0	28°19	22°23	22°18	16° 2	n.a.	T 28
W29	19 35 6	21°51'58	19°36	29°27	5°56	17° 2	21°39	29° 8	13°29	19° 0	28°18	22°23	22°15	16° 8	n.a.	W29
T 30	19 39 2	22°50'20	3♎22	1♌14	6°52	17°40	21°33	29°14	13°32	19° 1	28°17	22°R23	22°12	16°15	n.a.	T 30
F 31	19 42 59	23♋48'44	16♎43	3♌ 0	7♊49	18♋19	21♒27	29♌20	13♊35	19♈ 1	28♏15	22♋23	22♋ 8	16♏22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n45	11n23	3n53	21n10	0s42	11n57	4s44	24n57	1n 5	15s27	1s34	15n 1	2n18	22n48	0n11	5n36	2s 0	34s41	14s17	21n55	21n44	22s15		n.a.
T 2	23 47	6 38	4 36	21 39	0 28	12 7	4 43	24 57	1 6	15 28	1 34	15 0	2 18	22 48	0 11	5 36	2 0	34 42	14 18	21 55	21 45	22 16		n.a.
F 3	23 49	1 41	5 3	22 6	0 15	12 17	4 43	24 57	1 6	15 29	1 35	14 58	2 18	22 49	0 11	5 36	2 0	34 42	14 18	21 55	21 45	22 16		n.a.
S 4	23 50	3s12	5 14	22 33	0 2	12 28	4 42	24 57	1 6	15 29	1 35	14 56	2 18	22 49	0 11	5 37	2 0	34 43	14 18	21 55	21 46	22 16		n.a.
S 5	23 51	7 51	5 10	22 59	0n11	12 40	4 41	24 57	1 6	15 30	1 36	14 54	2 18	22 50	0 11	5 37	2 0	34 43	14 18	21 55	21 46	22 16		n.a.
M 6	23 52	12 5	4 50	23 23	0 23	12 51	4 39	24 57	1 6	15 31	1 36	14 52	2 18	22 50	0 11	5 37	2 0	34 43	14 18	21 56	21 47	22 16		n.a.
T 7	23 51	15 46	4 18	23 46	0 34	13 4	4 38	24 56	1 7	15 32	1 36	14 51	2 17	22 51	0 11	5 38	2 1	34 44	14 19	21 57	21 47	22 16		n.a.
W 8	23 51	18 45	3 35	24 7	0 44	13 16	4 36	24 55	1 7	15 33	1 37	14 49	2 17	22 51	0 11	5 38	2 1	34 44	14 19	21 57	21 48	22 17		n.a.
T 9	23 50	20 53	2 42	24 25	0 54	13 29	4 34	24 54	1 7	15 34	1 37	14 47	2 17	22 52	0 11	5 38	2 1	34 45	14 19	21 58	21 48	22 17		n.a.
F 10	23 49	22 6	1 43	24 42	1 3	13 42	4 32	24 53	1 7	15 36	1 37	14 45	2 17	22 52	0 11	5 39	2 1	34 45	14 19	21 58	21 49	22 17		n.a.
S 11	23 47	22 19	0 39	24 55	1 11	13 56	4 30	24 52	1 7	15 37	1 37	14 43	2 17	22 53	0 11	5 39	2 1	34 46	14 19	21 58	21 50	22 17		n.a.
S 12	23 45	21 33	0s26	25 7	1 18	14 9	4 28	24 50	1 7	15 38	1 38	14 41	2 17	22 53	0 11	5 39	2 1	34 46	14 19	21 58	21 50	22 17		n.a.
M13	23 42	19 49	1 30	25 15	1 24	14 23	4 25	24 48	1 8	15 40	1 38	14 39	2 17	22 53	0 11	5 39	2 1	34 46	14 20	21 58	21 51	22 17		n.a.
T 14	23 39	17 13	2 31	25 21	1 30	14 37	4 23	24 46	1 8	15 41	1 38	14 37	2 16	22 54	0 11	5 40	2 1	34 47	14 20	21 58	21 51	22 18		n.a.
W15	23 36	13 52	3 26	25 25	1 35	14 52	4 20	24 44	1 8	15 42	1 39	14 35	2 16	22 54	0 11	5 40	2 1	34 47	14 20	21 58	21 52	22 18		n.a.
T 16	23 32	9 53	4 12	25 25	1 39	15 6	4 17	24 42	1 8	15 44	1 39	14 33	2 16	22 55	0 11	5 40	2 1	34 48	14 20	21 57	21 52	22 18		n.a.
F 17	23 27	5 25	4 48	25 23	1 42	15 20	4 14	24 39	1 8	15 46	1 39	14 31	2 16	22 55	0 11	5 40	2 1	34 48	14 20	21 57	21 53	22 18		n.a.
S 18	23 23	0 37	5 10	25 19	1 44	15 35	4 11	24 37	1 8	15 47	1 40	14 29	2 16	22 56	0 11	5 40	2 1	34 49	14 20	21 57	21 53	22 18		n.a.
S 19	23 17	4n20	5 17	25 12	1 46	15 50	4 7	24 34	1 8	15 49	1 40	14 27	2 16	22 56	0 11	5 41	2 1	34 49	14 21	21 57	21 54	22 18		n.a.
M20	23 12	9 15	5 7	25 2	1 47	16 4	4 4	24 31	1 9	15 51	1 40	14 25	2 16	22 57	0 11	5 41	2 1	34 49	14 21	21 57	21 54	22 18		n.a.
T 21	23 6	13 51	4 39	24 51	1 48	16 19	4 1	24 27	1 9	15 53	1 41	14 22	2 16	22 57	0 11	5 41	2 1	34 50	14 21	21 57	21 55	22 18		n.a.
W22	22 59	17 48	3 52	24 37	1 48	16 34	3 57	24 24	1 9	15 55	1 41	14 20	2 15	22 57	0 11	5 41	2 2	34 50	14 21	21 58	21 55	22 19		n.a.
T 23	22 53	20 42	2 49	24 21	1 47	16 48	3 53	24 20	1 9	15 56	1 41	14 18	2 15	22 58	0 11	5 41	2 2	34 50	14 21	21 58	21 56	22 19		n.a.
F 24	22 45	22 12	1 33	24 3	1 46	17 3	3 49	24 16	1 9	15 58	1 41	14 16	2 15	22 58	0 11	5 41	2 2	34 51	14 21	21 58	21 57	22 19		n.a.
S 25	22 38	22 5	0 10	23 43	1 44	17 18	3 46	24 12	1 9	16 0	1 42	14 14	2 15	22 59	0 11	5 41	2 2	34 51	14 21	21 58	21 57	22 19		n.a.
S 26	22 30	20 21	1n14	23 22	1 42	17 32	3 42	24 8	1 9	16 3	1 42	14 11	2 15	22 59	0 11	5 41	2 2	34 52	14 21	21 58	21 58	22 19		n.a.
M27	22 21	17 13	2 31	22 59	1 39	17 46	3 38	24 4	1 9	16 5	1 42	14 9	2 15	23 0	0 11	5 42	2 2	34 52	14 21	21 58	21 58	22 19		n.a.
T 28	22 12	13 4	3 37	22 34	1 36	18 0	3 34	23 59	1 10	16 7	1 42	14 7	2 15	23 0	0 11	5 42	2 2	34 52	14 21	21 58	21 59	22 19		n.a.
W29	22 3	8 17	4 28	22 8	1 32	18 14	3 29	23 54	1 10	16 9	1 43	14 5	2 15	23 0	0 11	5 42	2 2	34 53	14 22	21 58	21 59	22 19		n.a.
T 30	21 53	3 13	5 1	21 40	1 29	18 28	3 25	23 49	1 10	16 11	1 43	14 2	2 15	23 1	0 11	5 42	2 2	34 53	14 22	21 58	22 0	22 19		n.a.
F 31	21n43	1s49	5n16	21n12	1n24	18n42	3s21	23n44	1n10	16s13	1s43	14n 0	2n15	23n 1	0n11	5n42	2s 2	34s53	14s22	21n58	22n 0	22s19		n.a.

Julian Day Number = 1207697.5, Delta T = 09h16m07s
Ecliptic obliquity = 23°51'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'59, Lahiri = -23°21'59 Julian Calendar 1 July 1407 BCE == Greg. Calendar 18 June 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

AUGUST 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 46 55	24♋47'09	29♎39	4♌45	8♊47	18♋57	21°R21	29♌27	13♊38	19♈ 1	28°R14	22°D23	22♋ 5	16♑28	n.a.	S 1
S 2	19 50 52	25°45'36	12♏15	6°28	9°44	19°36	21♒14	29°33	13°41	19° 1	28♑13	22♋23	22° 2	16°35	n.a.	S 2
M 3	19 54 48	26°44'05	24°34	8°11	10°43	20°14	21° 8	29°39	13°44	19° 1	28°12	22°24	21°59	16°42	n.a.	M 3
T 4	19 58 45	27°42'35	6♐39	9°52	11°41	20°53	21° 1	29°46	13°47	19° 1	28°10	22°24	21°56	16°48	n.a.	T 4
W 5	20 2 42	28°41'08	18°36	11°33	12°41	21°31	20°54	29°52	13°50	19°R 1	28° 9	22°25	21°52	16°55	n.a.	W 5
T 6	20 6 38	29°39'43	0♑26	13°12	13°40	22°10	20°47	29°59	13°52	19° 1	28° 8	22°25	21°49	17° 2	n.a.	T 6
F 7	20 10 35	0♌38'19	12°14	14°50	14°40	22°48	20°40	0♍ 5	13°55	19° 1	28° 7	22°26	21°46	17° 8	n.a.	F 7
S 8	20 14 31	1°36'58	24° 2	16°27	15°41	23°27	20°33	0°12	13°58	19° 1	28° 5	22°R26	21°43	17°15	n.a.	S 8
S 9	20 18 28	2°35'38	5♒53	18° 3	16°41	24° 6	20°26	0°18	14° 1	19° 1	28° 4	22°26	21°40	17°21	n.a.	S 9
M10	20 22 24	3°34'21	17°48	19°38	17°43	24°44	20°18	0°25	14° 3	19° 1	28° 3	22°25	21°37	17°28	n.a.	M10
T 11	20 26 21	4°33'06	29°50	21°12	18°44	25°23	20°11	0°31	14° 6	19° 1	28° 2	22°24	21°33	17°35	n.a.	T 11
W12	20 30 17	5°31'53	12♓ 0	22°45	19°46	26° 2	20° 3	0°38	14° 9	19° 0	28° 0	22°22	21°30	17°41	n.a.	W12
T 13	20 34 14	6°30'42	24°22	24°17	20°48	26°40	19°56	0°45	14°11	19° 0	27°59	22°20	21°27	17°48	n.a.	T 13
F 14	20 38 11	7°29'34	6♈56	25°48	21°51	27°19	19°48	0°52	14°14	19° 0	27°58	22°18	21°24	17°55	n.a.	F 14
S 15	20 42 7	8°28'28	19°47	27°18	22°54	27°58	19°40	0°58	14°16	19° 0	27°57	22°16	21°21	18° 1	n.a.	S 15
S 16	20 46 4	9°27'25	2♉56	28°47	23°57	28°36	19°32	1° 5	14°19	18°59	27°55	22°15	21°17	18° 8	n.a.	S 16
M17	20 50 0	10°26'24	16°25	0♍15	25° 1	29°15	19°25	1°12	14°21	18°59	27°54	22°D15	21°14	18°15	n.a.	M17
T 18	20 53 57	11°25'25	0♊16	1°42	26° 4	29°54	19°17	1°19	14°24	18°59	27°53	22°16	21°11	18°21	n.a.	T 18
W19	20 57 53	12°24'30	14°29	3° 8	27° 9	0♌33	19° 9	1°26	14°26	18°58	27°52	22°17	21° 8	18°28	n.a.	W19
T 20	21 1 50	13°23'36	29° 2	4°33	28°13	1°12	19° 1	1°33	14°28	18°58	27°51	22°19	21° 5	18°35	n.a.	T 20
F 21	21 5 46	14°22'46	13♋53	5°57	29°18	1°50	18°53	1°40	14°31	18°57	27°49	22°20	21° 2	18°41	n.a.	F 21
S 22	21 9 43	15°21'57	28°54	7°20	0♋23	2°29	18°45	1°46	14°33	18°57	27°48	22°R20	20°58	18°48	n.a.	S 22
S 23	21 13 39	16°21'11	13♌57	8°42	1°28	3° 8	18°37	1°53	14°35	18°56	27°47	22°19	20°55	18°55	n.a.	S 23
M24	21 17 36	17°20'27	28°55	10° 2	2°34	3°47	18°29	2° 0	14°37	18°55	27°46	22°16	20°52	19° 1	n.a.	M24
T 25	21 21 33	18°19'45	13♍38	11°21	3°39	4°26	18°20	2° 7	14°39	18°55	27°45	22°13	20°49	19° 8	n.a.	T 25
W26	21 25 29	19°19'05	27°59	12°39	4°45	5° 5	18°12	2°14	14°41	18°54	27°44	22° 9	20°46	19°14	n.a.	W26
T 27	21 29 26	20°18'27	11♎54	13°56	5°52	5°44	18° 4	2°21	14°43	18°53	27°42	22° 5	20°43	19°21	n.a.	T 27
F 28	21 33 22	21°17'51	25°22	15°11	6°58	6°23	17°56	2°29	14°45	18°53	27°41	22° 2	20°39	19°28	n.a.	F 28
S 29	21 37 19	22°17'16	8♏23	16°25	8° 5	7° 2	17°48	2°36	14°47	18°52	27°40	21°59	20°36	19°34	n.a.	S 29
S 30	21 41 15	23°16'44	21° 0	17°37	9°12	7°40	17°40	2°43	14°49	18°51	27°39	21°D58	20°33	19°41	n.a.	S 30
M31	21 45 12	24♌16'14	3♐18	18♍47	10♋19	8♌19	17♒32	2♍50	14♊51	18♈50	27♑38	21♋59	20♋30	19♑48	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n33	6s38	5n15	20n42	1n20	18n55	3s16	23n39	1n10	16s16	1s43	13n58	2n14	23n 2	0n11	5n42	2s 2	34s54	14s22	21n58	22n 1	22s19		n.a.	
S 2	21 22	11 2	4 59	20 11	1 15	19 8	3 12	23 33	1 10	16 18	1 44	13 55	2 14	23 2	0 12	5 42	2 2	34 54	14 22	21 58	22 1	22 19		n.a.	
M 3	21 11	14 53	4 29	19 39	1 10	19 21	3 8	23 28	1 10	16 21	1 44	13 53	2 14	23 2	0 12	5 42	2 2	34 54	14 22	21 58	22 2	22 19		n.a.	
T 4	20 59	18 3	3 48	19 7	1 4	19 34	3 3	23 22	1 10	16 23	1 44	13 51	2 14	23 3	0 12	5 42	2 2	34 55	14 22	21 58	22 2	22 19		n.a.	
W 5	20 47	20 25	2 57	18 33	0 58	19 46	2 59	23 16	1 10	16 25	1 44	13 48	2 14	23 3	0 12	5 42	2 2	34 55	14 22	21 58	22 3	22 20		n.a.	
T 6	20 35	21 52	1 59	17 59	0 52	19 58	2 54	23 9	1 10	16 28	1 44	13 46	2 14	23 3	0 12	5 41	2 3	34 55	14 22	21 57	22 3	22 20		n.a.	
F 7	20 22	22 21	0 56	17 24	0 46	20 10	2 49	23 3	1 10	16 30	1 45	13 43	2 14	23 4	0 12	5 41	2 3	34 56	14 22	21 57	22 4	22 20		n.a.	
S 8	20 9	21 50	0s 9	16 49	0 40	20 21	2 45	22 56	1 11	16 33	1 45	13 41	2 14	23 4	0 12	5 41	2 3	34 56	14 22	21 57	22 4	22 20		n.a.	
S 9	19 55	20 20	1 14	16 13	0 33	20 32	2 40	22 50	1 11	16 35	1 45	13 38	2 14	23 5	0 12	5 41	2 3	34 56	14 22	21 57	22 5	22 20		n.a.	
M10	19 42	17 55	2 16	15 36	0 27	20 42	2 35	22 43	1 11	16 38	1 45	13 36	2 14	23 5	0 12	5 41	2 3	34 56	14 22	21 57	22 5	22 20		n.a.	
T 11	19 28	14 44	3 13	14 59	0 20	20 52	2 30	22 36	1 11	16 40	1 45	13 34	2 14	23 5	0 12	5 41	2 3	34 57	14 22	21 58	22 6	22 20		n.a.	
W12	19 13	10 53	4 1	14 22	0 13	21 2	2 26	22 28	1 11	16 43	1 46	13 31	2 14	23 6	0 12	5 41	2 3	34 57	14 22	21 58	22 6	22 20		n.a.	
T 13	18 58	6 33	4 40	13 45	0 5	21 12	2 21	22 21	1 11	16 46	1 46	13 29	2 14	23 6	0 12	5 41	2 3	34 57	14 22	21 58	22 7	22 20		n.a.	
F 14	18 43	1 51	5 5	13 7	0s 2	21 20	2 16	22 13	1 11	16 48	1 46	13 26	2 14	23 6	0 12	5 40	2 3	34 57	14 22	21 59	22 7	22 20		n.a.	
S 15	18 28	3n 0	5 16	12 29	0 9	21 29	2 11	22 6	1 11	16 51	1 46	13 24	2 14	23 7	0 12	5 40	2 3	34 58	14 22	21 59	22 8	22 20		n.a.	
S 16	18 12	7 50	5 11	11 50	0 17	21 37	2 6	21 58	1 11	16 54	1 46	13 21	2 13	23 7	0 12	5 40	2 3	34 58	14 22	21 59	22 8	22 20		n.a.	
M17	17 56	12 26	4 49	11 12	0 24	21 44	2 2	21 50	1 11	16 56	1 46	13 19	2 13	23 7	0 12	5 40	2 3	34 58	14 22	21 59	22 9	22 19		n.a.	
T 18	17 39	16 30	4 10	10 34	0 32	21 51	1 57	21 41	1 11	16 59	1 46	13 16	2 13	23 7	0 12	5 40	2 3	34 58	14 22	21 59	22 9	22 19		n.a.	
W19	17 23	19 43	3 14	9 55	0 39	21 58	1 52	21 33	1 11	17 1	1 46	13 13	2 13	23 8	0 12	5 39	2 3	34 59	14 22	21 59	22 10	22 19		n.a.	
T 20	17 6	21 46	2 5	9 17	0 47	22 4	1 47	21 24	1 11	17 4	1 47	13 11	2 13	23 8	0 12	5 39	2 3	34 59	14 22	21 59	22 10	22 19		n.a.	
F 21	16 48	22 21	0 47	8 39	0 55	22 9	1 42	21 15	1 11	17 7	1 47	13 8	2 13	23 8	0 12	5 39	2 3	34 59	14 22	21 58	22 11	22 19		n.a.	
S 22	16 31	21 20	0n36	8 0	1 2	22 14	1 37	21 7	1 11	17 9	1 47	13 6	2 13	23 9	0 12	5 39	2 4	34 59	14 21	21 58	22 11	22 19		n.a.	
S 23	16 13	18 47	1 56	7 22	1 10	22 19	1 33	20 57	1 12	17 12	1 47	13 3	2 13	23 9	0 12	5 38	2 4	34 59	14 21	21 59	22 12	22 19		n.a.	
M24	15 55	14 59	3 8	6 45	1 18	22 22	1 28	20 48	1 12	17 15	1 47	13 1	2 13	23 9	0 12	5 38	2 4	35 0	14 21	21 59	22 12	22 19		n.a.	
T 25	15 36	10 19	4 6	6 7	1 25	22 26	1 23	20 39	1 12	17 17	1 47	12 58	2 13	23 9	0 12	5 38	2 4	35 0	14 21	22 0	22 13	22 19		n.a.	
W26	15 17	5 11	4 47	5 30	1 33	22 28	1 18	20 29	1 12	17 20	1 47	12 55	2 13	23 10	0 12	5 38	2 4	35 0	14 21	22 0	22 13	22 19		n.a.	
T 27	14 58	0s 3	5 9	4 53	1 40	22 30	1 13	20 20	1 12	17 22	1 47	12 53	2 13	23 10	0 12	5 37	2 4	35 0	14 21	22 1	22 14	22 19		n.a.	
F 28	14 39	5 7	5 13	4 17	1 48	22 32	1 9	20 10	1 12	17 25	1 47	12 50	2 13	23 10	0 12	5 37	2 4	35 0	14 21	22 1	22 14	22 19		n.a.	
S 29	14 20	9 48	5 1	3 42	1 55	22 33	1 4	20 0	1 12	17 27	1 47	12 48	2 13	23 10	0 12	5 37	2 4	35 0	14 21	22 2	22 15	22 19		n.a.	
S 30	14 0	13 55	4 35	3 7	2 2	22 33	0 59	19 50	1 12	17 30	1 47	12 45	2 13	23 11	0 12	5 36	2 4	35 1	14 21	22 2	22 15	22 19		n.a.	
M31	13n40	17s19	3n56	2n32	2s 9	22n33	0s55	19n39	1n12	17s33	1s47	12n42	2n13	23n11	0n12	5n36	2s 4	35s 1	14s21	22n 2	22n16	22s18		n.a.	

Julian Day Number = 1207728.5, Delta T = 09h16m05s
Ecliptic obliquity = 23°51'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'55, Lahiri = -23°21'55 Julian Calendar 1 Aug. 1407 BCE == Greg. Calendar 19 July 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

SEPTEMBER 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 49 8	25♌15'46	15♐21	19♍55	11♋26	8♌58	17°R24	2♍57	14♊53	18°R50	27°R37	22♋ 0	20♋27	19♉54	n.a.	T 1
W 2	21 53 5	26°15'20	27°14	21° 1	12°34	9°38	17♒16	3° 4	14°54	18♈49	27♉36	22° 2	20°23	20° 1	n.a.	W 2
T 3	21 57 1	27°14'55	9♉ 2	22° 6	13°41	10°17	17° 9	3°11	14°56	18°48	27°35	22° 4	20°20	20° 8	n.a.	T 3
F 4	22 0 58	28°14'33	20°49	23° 7	14°49	10°56	17° 1	3°18	14°58	18°47	27°34	22°R 4	20°17	20°14	n.a.	F 4
S 5	22 4 55	29°14'13	2♒39	24° 6	15°58	11°35	16°53	3°25	14°59	18°46	27°33	22° 4	20°14	20°21	n.a.	S 5
S 6	22 8 51	0♍13'54	14°35	25° 2	17° 6	12°14	16°45	3°33	15° 1	18°45	27°32	22° 1	20°11	20°28	n.a.	S 6
M 7	22 12 48	1°13'38	26°40	25°55	18°14	12°53	16°38	3°40	15° 2	18°44	27°31	21°57	20° 8	20°34	n.a.	M 7
T 8	22 16 44	2°13'24	8♓55	26°45	19°23	13°32	16°30	3°47	15° 4	18°43	27°30	21°51	20° 4	20°41	n.a.	T 8
W 9	22 20 41	3°13'12	21°21	27°31	20°32	14°11	16°23	3°54	15° 5	18°42	27°29	21°44	20° 1	20°48	n.a.	W 9
T 10	22 24 37	4°13'02	3♈59	28°12	21°41	14°50	16°16	4° 1	15° 6	18°41	27°28	21°36	19°58	20°54	n.a.	T 10
F 11	22 28 34	5°12'54	16°49	28°49	22°50	15°30	16° 8	4° 8	15° 8	18°40	27°27	21°28	19°55	21° 1	n.a.	F 11
S 12	22 32 30	6°12'49	29°52	29°20	24° 0	16° 9	16° 1	4°15	15° 9	18°38	27°26	21°22	19°52	21° 7	n.a.	S 12
S 13	22 36 27	7°12'46	13♉ 8	29°46	25° 9	16°48	15°54	4°23	15°10	18°37	27°25	21°17	19°49	21°14	n.a.	S 13
M14	22 40 23	8°12'45	26°38	0♎ 6	26°19	17°27	15°47	4°30	15°11	18°36	27°24	21°15	19°45	21°21	n.a.	M14
T 15	22 44 20	9°12'47	10♊22	0°19	27°29	18° 7	15°41	4°37	15°12	18°35	27°23	21°D14	19°42	21°27	n.a.	T 15
W16	22 48 17	10°12'51	24°22	0°R25	28°39	18°46	15°34	4°44	15°13	18°34	27°22	21°15	19°39	21°34	n.a.	W16
T 17	22 52 13	11°12'58	8♋36	0°22	29°49	19°25	15°27	4°51	15°14	18°32	27°21	21°16	19°36	21°41	n.a.	T 17
F 18	22 56 10	12°13'06	23° 4	0°12	1♌ 0	20° 5	15°21	4°58	15°15	18°31	27°21	21°R16	19°33	21°47	n.a.	F 18
S 19	23 0 6	13°13'18	7♌43	29♍52	2°10	20°44	15°15	5° 5	15°16	18°30	27°20	21°15	19°29	21°54	n.a.	S 19
S 20	23 4 3	14°13'31	22°26	29°23	3°21	21°23	15° 9	5°12	15°17	18°28	27°19	21°12	19°26	22° 1	n.a.	S 20
M21	23 7 59	15°13'46	7♍ 8	28°44	4°32	22° 3	15° 3	5°19	15°18	18°27	27°18	21° 6	19°23	22° 7	n.a.	M21
T 22	23 11 56	16°14'03	21°41	27°57	5°43	22°42	14°57	5°27	15°18	18°26	27°17	20°58	19°20	22°14	n.a.	T 22
W23	23 15 52	17°14'22	5♎57	27° 0	6°54	23°22	14°51	5°34	15°19	18°24	27°17	20°48	19°17	22°21	n.a.	W23
T 24	23 19 49	18°14'43	19°53	25°56	8° 5	24° 1	14°46	5°41	15°19	18°23	27°16	20°38	19°14	22°27	n.a.	T 24
F 25	23 23 46	19°15'06	3♏23	24°45	9°16	24°41	14°40	5°48	15°20	18°21	27°15	20°30	19°10	22°34	n.a.	F 25
S 26	23 27 42	20°15'30	16°27	23°29	10°28	25°20	14°35	5°55	15°20	18°20	27°15	20°22	19° 7	22°40	n.a.	S 26
S 27	23 31 39	21°15'56	29° 8	22°11	11°39	26° 0	14°30	6° 2	15°21	18°19	27°14	20°17	19° 4	22°47	n.a.	S 27
M28	23 35 35	22°16'24	11♐27	20°52	12°51	26°39	14°25	6° 9	15°21	18°17	27°13	20°15	19° 1	22°54	n.a.	M28
T 29	23 39 32	23°16'53	23°31	19°35	14° 3	27°19	14°20	6°16	15°21	18°16	27°13	20°D14	18°58	23° 0	n.a.	T 29
W30	23 43 28	24♍17'23	5♉24	18♍23	15♌15	27♌58	14♒16	6♍23	15♊22	18♈14	27♉12	20♋15	18♋54	23♉ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	13n20	19s56	3n 8	1n59	2s16	22n32	0s50	19n29	1n12	17s35	1s47	12n40	2n13	23n11	0n12	5n35	2s 4	35s 1	14s20	22n 2	22n16	22s18		n.a.
W 2	12 59	21 38	2 12	1 26	2 23	22 30	0 45	19 18	1 12	17 37	1 47	12 37	2 13	23 11	0 12	5 35	2 4	35 1	14 20	22 1	22 17	22 18		n.a.
T 3	12 38	22 22	1 11	0 55	2 29	22 28	0 41	19 8	1 12	17 40	1 47	12 35	2 13	23 12	0 12	5 35	2 4	35 1	14 20	22 1	22 17	22 18		n.a.
F 4	12 18	22 6	0 7	0 24	2 35	22 25	0 36	18 57	1 12	17 42	1 47	12 32	2 13	23 12	0 12	5 34	2 4	35 1	14 20	22 1	22 18	22 18		n.a.
S 5	11 56	20 51	0s57	0s 5	2 41	22 22	0 32	18 46	1 12	17 45	1 47	12 29	2 13	23 12	0 12	5 34	2 4	35 1	14 20	22 1	22 18	22 18		n.a.
S 6	11 35	18 39	2 0	0 32	2 47	22 17	0 27	18 34	1 12	17 47	1 47	12 27	2 13	23 12	0 12	5 33	2 4	35 1	14 20	22 1	22 19	22 18		n.a.
M 7	11 14	15 36	2 57	0 58	2 52	22 13	0 23	18 23	1 12	17 49	1 47	12 24	2 13	23 12	0 12	5 33	2 4	35 1	14 20	22 2	22 19	22 18		n.a.
T 8	10 52	11 52	3 47	1 23	2 57	22 7	0 19	18 12	1 12	17 51	1 47	12 21	2 13	23 12	0 12	5 33	2 4	35 1	14 19	22 3	22 20	22 17		n.a.
W 9	10 30	7 34	4 27	1 45	3 1	22 1	0 14	18 0	1 12	17 54	1 47	12 19	2 13	23 13	0 12	5 32	2 5	35 1	14 19	22 4	22 20	22 17		n.a.
T 10	10 8	2 53	4 55	2 5	3 5	21 55	0 10	17 49	1 12	17 56	1 47	12 16	2 13	23 13	0 12	5 32	2 5	35 1	14 19	22 6	22 21	22 17		n.a.
F 11	9 46	2n 0	5 8	2 23	3 7	21 47	0 6	17 37	1 12	17 58	1 46	12 14	2 13	23 13	0 12	5 31	2 5	35 2	14 19	22 7	22 21	22 17		n.a.
S 12	9 23	6 52	5 5	2 38	3 10	21 39	0 2	17 25	1 12	18 0	1 46	12 11	2 13	23 13	0 12	5 31	2 5	35 2	14 19	22 8	22 22	22 17		n.a.
S 13	9 1	11 30	4 47	2 49	3 11	21 31	0n 2	17 13	1 12	18 2	1 46	12 8	2 13	23 13	0 12	5 30	2 5	35 2	14 18	22 9	22 22	22 17		n.a.
M14	8 38	15 39	4 12	2 58	3 12	21 22	0 6	17 1	1 12	18 4	1 46	12 6	2 13	23 13	0 12	5 30	2 5	35 2	14 18	22 9	22 23	22 16		n.a.
T 15	8 15	19 3	3 23	3 3	3 11	21 12	0 10	16 48	1 12	18 6	1 46	12 3	2 13	23 14	0 12	5 29	2 5	35 2	14 18	22 9	22 23	22 16		n.a.
W16	7 52	21 24	2 20	3 3	3 9	21 1	0 14	16 36	1 12	18 8	1 46	12 0	2 13	23 14	0 12	5 29	2 5	35 2	14 18	22 9	22 24	22 16		n.a.
T 17	7 29	22 27	1 8	2 59	3 6	20 50	0 18	16 23	1 12	18 10	1 46	11 58	2 14	23 14	0 12	5 28	2 5	35 2	14 18	22 9	22 24	22 16		n.a.
F 18	7 6	22 0	0n10	2 51	3 2	20 38	0 22	16 10	1 12	18 12	1 46	11 55	2 14	23 14	0 12	5 28	2 5	35 2	14 17	22 9	22 24	22 16		n.a.
S 19	6 42	20 4	1 27	2 37	2 56	20 26	0 25	15 58	1 12	18 13	1 45	11 53	2 14	23 14	0 12	5 27	2 5	35 1	14 17	22 9	22 25	22 15		n.a.
S 20	6 19	16 47	2 39	2 19	2 48	20 13	0 29	15 45	1 11	18 15	1 45	11 50	2 14	23 14	0 12	5 27	2 5	35 1	14 17	22 9	22 25	22 15		n.a.
M21	5 55	12 27	3 41	1 54	2 38	20 0	0 33	15 32	1 11	18 17	1 45	11 47	2 14	23 14	0 12	5 26	2 5	35 1	14 17	22 10	22 26	22 15		n.a.
T 22	5 31	7 26	4 27	1 25	2 27	19 45	0 36	15 19	1 11	18 18	1 45	11 45	2 14	23 14	0 13	5 25	2 5	35 1	14 17	22 12	22 26	22 15		n.a.
W23	5 8	2 6	4 55	0 50	2 14	19 31	0 40	15 5	1 11	18 20	1 45	11 42	2 14	23 15	0 13	5 25	2 5	35 1	14 16	22 13	22 27	22 15		n.a.
T 24	4 44	3s12	5 5	0 10	1 58	19 15	0 43	14 52	1 11	18 21	1 45	11 40	2 14	23 15	0 13	5 24	2 5	35 1	14 16	22 15	22 27	22 14		n.a.
F 25	4 20	8 12	4 58	0n34	1 41	18 59	0 46	14 38	1 11	18 23	1 44	11 37	2 14	23 15	0 13	5 24	2 5	35 1	14 16	22 16	22 28	22 14		n.a.
S 26	3 55	12 40	4 35	1 22	1 23	18 43	0 49	14 25	1 11	18 24	1 44	11 34	2 14	23 15	0 13	5 23	2 5	35 1	14 16	22 17	22 28	22 14		n.a.
S 27	3 31	16 26	3 58	2 11	1 3	18 26	0 53	14 11	1 11	18 25	1 44	11 32	2 14	23 15	0 13	5 22	2 5	35 1	14 15	22 18	22 29	22 14		n.a.
M28	3 7	19 23	3 12	3 2	0 43	18 8	0 56	13 57	1 11	18 27	1 44	11 29	2 14	23 15	0 13	5 22	2 5	35 1	14 15	22 18	22 29	22 13		n.a.
T 29	2 43	21 24	2 18	3 51	0 22	17 50	0 59	13 43	1 11	18 28	1 44	11 27	2 14	23 15	0 13	5 21	2 5	35 1	14 15	22 18	22 30	22 13		n.a.
W30	2n18	22s26	1n19	4n39	0s 2	17n31	1n 1	13n30	1n11	18s29	1s43	11n24	2n14	23n15	0n13	5n21	2s 5	35s 1	14s15	22n18	22n30	22s13		n.a.

Julian Day Number = 1207759.5, Delta T = 09h16m03s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'51, Lahiri = -23°21'51 Julian Calendar 1 Sept. 1407 BCE == Greg. Calendar 19 Aug. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

OCTOBER 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 47 25	25♍17'55	17♉12	17°R18	16♌27	28♌38	14°R12	6♍29	15♊22	18°R13	27°R12	20°R15	18♋51	23♉14	n.a.	T 1
F 2	23 51 21	26°18'29	29° 0	16♍22	17°39	29°18	14♒ 8	6°36	15°22	18♈11	27♉11	20♋15	18°48	23°20	n.a.	F 2
S 3	23 55 18	27°19'04	10♒52	15°36	18°51	29°57	14° 4	6°43	15°22	18° 9	27°10	20°13	18°45	23°27	n.a.	S 3
S 4	23 59 14	28°19'41	22°54	15° 1	20° 3	0♍37	14° 0	6°50	15°R22	18° 8	27°10	20° 8	18°42	23°34	n.a.	S 4
M 5	0 3 11	29°20'19	5♓ 9	14°38	21°16	1°17	13°56	6°57	15°22	18° 6	27° 9	20° 0	18°39	23°40	n.a.	M 5
T 6	0 7 8	0♎20'58	17°38	14°D27	22°28	1°56	13°53	7° 4	15°22	18° 5	27° 9	19°50	18°35	23°47	n.a.	T 6
W 7	0 11 4	1°21'39	0♈22	14°27	23°41	2°36	13°50	7°10	15°22	18° 3	27° 9	19°38	18°32	23°54	n.a.	W 7
T 8	0 15 1	2°22'22	13°21	14°38	24°54	3°16	13°47	7°17	15°22	18° 1	27° 8	19°26	18°29	24° 0	n.a.	T 8
F 9	0 18 57	3°23'06	26°34	14°59	26° 6	3°56	13°44	7°24	15°21	18° 0	27° 8	19°13	18°26	24° 7	n.a.	F 9
S 10	0 22 54	4°23'51	9♉58	15°29	27°19	4°35	13°41	7°30	15°21	17°58	27° 7	19° 2	18°23	24°13	n.a.	S 10
S 11	0 26 50	5°24'39	23°33	16° 7	28°32	5°15	13°39	7°37	15°21	17°56	27° 7	18°53	18°20	24°20	n.a.	S 11
M12	0 30 47	6°25'28	7♊17	16°53	29°45	5°55	13°37	7°44	15°20	17°55	27° 7	18°48	18°16	24°27	n.a.	M12
T 13	0 34 43	7°26'19	21° 7	17°46	0♍59	6°35	13°35	7°50	15°20	17°53	27° 6	18°45	18°13	24°33	n.a.	T 13
W14	0 38 40	8°27'12	5♋ 4	18°44	2°12	7°15	13°33	7°57	15°19	17°52	27° 6	18°D44	18°10	24°40	n.a.	W14
T 15	0 42 37	9°28'06	19° 8	19°48	3°25	7°55	13°31	8° 3	15°19	17°50	27° 6	18°R44	18° 7	24°47	n.a.	T 15
F 16	0 46 33	10°29'02	3♌18	20°56	4°38	8°35	13°30	8°10	15°18	17°48	27° 6	18°44	18° 4	24°53	n.a.	F 16
S 17	0 50 30	11°30'00	17°32	22° 7	5°52	9°15	13°29	8°16	15°17	17°46	27° 6	18°41	18° 0	25° 0	n.a.	S 17
S 18	0 54 26	12°30'59	1♍49	23°22	7° 5	9°55	13°28	8°22	15°17	17°45	27° 5	18°36	17°57	25° 7	n.a.	S 18
M19	0 58 23	13°31'59	16° 4	24°39	8°19	10°35	13°27	8°29	15°16	17°43	27° 5	18°28	17°54	25°13	n.a.	M19
T 20	1 2 19	14°33'01	0♎14	25°59	9°33	11°15	13°27	8°35	15°15	17°41	27° 5	18°17	17°51	25°20	n.a.	T 20
W21	1 6 16	15°34'04	14°11	27°21	10°46	11°55	13°26	8°41	15°14	17°40	27° 5	18° 4	17°48	25°27	n.a.	W21
T 22	1 10 12	16°35'08	27°53	28°45	12° 0	12°35	13°D26	8°47	15°13	17°38	27° 5	17°51	17°45	25°33	n.a.	T 22
F 23	1 14 9	17°36'13	11♏15	0♎10	13°14	13°15	13°26	8°53	15°12	17°36	27° 5	17°38	17°41	25°40	n.a.	F 23
S 24	1 18 6	18°37'19	24°16	1°36	14°28	13°55	13°27	8°59	15°11	17°35	27°D 5	17°28	17°38	25°47	n.a.	S 24
S 25	1 22 2	19°38'26	6♐55	3° 3	15°42	14°35	13°27	9° 5	15°10	17°33	27° 5	17°20	17°35	25°53	n.a.	S 25
M26	1 25 59	20°39'34	19°15	4°31	16°56	15°16	13°28	9°11	15° 9	17°31	27° 5	17°15	17°32	26° 0	n.a.	M26
T 27	1 29 55	21°40'43	1♑19	6° 0	18°10	15°56	13°29	9°17	15° 8	17°29	27° 5	17°12	17°29	26° 6	n.a.	T 27
W28	1 33 52	22°41'52	13°13	7°30	19°24	16°36	13°30	9°23	15° 6	17°28	27° 5	17°12	17°26	26°13	n.a.	W28
T 29	1 37 48	23°43'02	25° 1	9° 0	20°38	17°16	13°31	9°29	15° 5	17°26	27° 5	17°12	17°22	26°20	n.a.	T 29
F 30	1 41 45	24°44'12	6♒49	10°30	21°52	17°56	13°33	9°35	15° 4	17°24	27° 5	17°11	17°19	26°26	n.a.	F 30
S 31	1 45 41	25♎45'23	18♒43	12♎ 1	23♍ 6	18♍37	13♒35	9♍40	15♊ 2	17♈23	27♉ 5	17♋ 9	17♋16	26♉33	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	1n54	22s28	0n16	5n23	0n18	17n12	1n 4	13n15	1n11	18s30	1s43	11n22	2n15	23n15	0n13	5n20	2s 5	35s 0	14s14	22n18	22n30	22s13			n.a.
F 2	1 30	21 29	0s47	6 2	0 37	16 52	1 7	13 1	1 11	18 31	1 43	11 19	2 15	23 15	0 13	5 19	2 5	35 0	14 14	22 18	22 31	22 12			n.a.
S 3	1 5	19 32	1 48	6 37	0 55	16 32	1 10	12 47	1 11	18 32	1 43	11 17	2 15	23 15	0 13	5 19	2 5	35 0	14 14	22 19	22 31	22 12			n.a.
S 4	0 41	16 42	2 45	7 5	1 11	16 12	1 12	12 33	1 10	18 33	1 43	11 14	2 15	23 15	0 13	5 18	2 5	35 0	14 14	22 19	22 32	22 12			n.a.
M 5	0 16	13 7	3 35	7 27	1 25	15 50	1 15	12 18	1 10	18 34	1 42	11 12	2 15	23 15	0 13	5 18	2 5	35 0	14 13	22 20	22 32	22 11			n.a.
T 6	0s 8	8 53	4 16	7 43	1 38	15 29	1 17	12 4	1 10	18 35	1 42	11 9	2 15	23 15	0 13	5 17	2 5	35 0	14 13	22 22	22 33	22 11			n.a.
W 7	0 33	4 12	4 45	7 53	1 48	15 6	1 19	11 49	1 10	18 35	1 42	11 7	2 15	23 15	0 13	5 16	2 5	35 0	14 13	22 24	22 33	22 11			n.a.
T 8	0 58	0n46	5 0	7 57	1 58	14 44	1 22	11 34	1 10	18 36	1 42	11 4	2 15	23 15	0 13	5 16	2 6	34 59	14 12	22 26	22 34	22 10			n.a.
F 9	1 22	5 47	4 59	7 56	2 5	14 21	1 24	11 19	1 10	18 37	1 41	11 2	2 15	23 15	0 13	5 15	2 6	34 59	14 12	22 27	22 34	22 10			n.a.
S 10	1 47	10 37	4 42	7 49	2 11	13 57	1 26	11 5	1 10	18 37	1 41	11 0	2 16	23 15	0 13	5 14	2 6	34 59	14 12	22 29	22 34	22 10			n.a.
S 11	2 11	14 59	4 9	7 38	2 15	13 33	1 28	10 50	1 10	18 38	1 41	10 57	2 16	23 15	0 13	5 14	2 6	34 59	14 12	22 30	22 35	22 9			n.a.
M12	2 36	18 36	3 21	7 23	2 18	13 9	1 30	10 34	1 10	18 38	1 41	10 55	2 16	23 15	0 13	5 13	2 6	34 59	14 11	22 31	22 35	22 9			n.a.
T 13	3 0	21 13	2 21	7 3	2 20	12 44	1 31	10 19	1 9	18 38	1 40	10 52	2 16	23 15	0 13	5 12	2 6	34 58	14 11	22 31	22 36	22 9			n.a.
W14	3 25	22 34	1 12	6 41	2 21	12 19	1 33	10 4	1 9	18 39	1 40	10 50	2 16	23 15	0 13	5 12	2 6	34 58	14 11	22 31	22 36	22 8			n.a.
T 15	3 49	22 30	0n 2	6 15	2 21	11 54	1 35	9 49	1 9	18 39	1 40	10 48	2 16	23 15	0 13	5 11	2 6	34 58	14 10	22 31	22 37	22 8			n.a.
F 16	4 13	21 0	1 16	5 47	2 19	11 28	1 36	9 34	1 9	18 39	1 40	10 45	2 16	23 15	0 13	5 10	2 6	34 58	14 10	22 31	22 37	22 8			n.a.
S 17	4 38	18 10	2 26	5 17	2 18	11 2	1 38	9 18	1 9	18 39	1 39	10 43	2 17	23 15	0 13	5 10	2 6	34 57	14 10	22 32	22 37	22 7			n.a.
S 18	5 2	14 13	3 27	4 44	2 15	10 35	1 39	9 3	1 9	18 39	1 39	10 41	2 17	23 15	0 13	5 9	2 6	34 57	14 9	22 33	22 38	22 7			n.a.
M19	5 26	9 29	4 14	4 10	2 12	10 8	1 40	8 47	1 9	18 39	1 39	10 39	2 17	23 15	0 13	5 8	2 6	34 57	14 9	22 34	22 38	22 7			n.a.
T 20	5 50	4 16	4 46	3 35	2 8	9 41	1 41	8 31	1 8	18 39	1 38	10 36	2 17	23 15	0 13	5 8	2 6	34 57	14 9	22 35	22 39	22 6			n.a.
W21	6 14	1s 6	5 0	2 58	2 4	9 14	1 43	8 16	1 8	18 39	1 38	10 34	2 17	23 15	0 13	5 7	2 6	34 56	14 9	22 37	22 39	22 6			n.a.
T 22	6 38	6 19	4 56	2 20	1 59	8 46	1 44	8 0	1 8	18 38	1 38	10 32	2 17	23 15	0 13	5 6	2 6	34 56	14 8	22 39	22 40	22 6			n.a.
F 23	7 2	11 6	4 36	1 41	1 54	8 18	1 44	7 44	1 8	18 38	1 38	10 30	2 17	23 14	0 13	5 6	2 6	34 56	14 8	22 40	22 40	22 5			n.a.
S 24	7 25	15 16	4 1	1 1	1 49	7 50	1 45	7 28	1 8	18 38	1 37	10 27	2 18	23 14	0 13	5 5	2 6	34 55	14 8	22 42	22 40	22 5			n.a.
S 25	7 49	18 38	3 16	0 21	1 43	7 21	1 46	7 12	1 8	18 37	1 37	10 25	2 18	23 14	0 13	5 5	2 6	34 55	14 7	22 43	22 41	22 4			n.a.
M26	8 12	21 3	2 22	0s20	1 38	6 53	1 47	6 56	1 7	18 37	1 37	10 23	2 18	23 14	0 13	5 4	2 6	34 55	14 7	22 43	22 41	22 4			n.a.
T 27	8 36	22 28	1 23	1 2	1 32	6 24	1 47	6 40	1 7	18 36	1 36	10 21	2 18	23 14	0 13	5 3	2 6	34 54	14 7	22 44	22 42	22 3			n.a.
W28	8 59	22 50	0 21	1 43	1 25	5 55	1 48	6 24	1 7	18 36	1 36	10 19	2 18	23 14	0 13	5 3	2 6	34 54	14 6	22 44	22 42	22 3			n.a.
T 29	9 22	22 11	0s41	2 25	1 19	5 25	1 48	6 8	1 7	18 35	1 36	10 17	2 18	23 14	0 13	5 2	2 6	34 54	14 6	22 44	22 43	22 3			n.a.
F 30	9 45	20 32	1 42	3 7	1 12	4 56	1 48	5 52	1 7	18 34	1 36	10 15	2 19	23 14	0 13	5 1	2 6	34 54	14 6	22 44	22 43	22 2			n.a.
S 31	10s 7	17s59	2s39	3s49	1n 6	4n26	1n48	5n36	1n 6	18s34	1s35	10n13	2n19	23n13	0n13	5n 1	2s 6	34s53	14s 6	22n44	22n43	22s 2			n.a.

Julian Day Number = 1207789.5, Delta T = 09h16m01s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'47, Lahiri = -23°21'46 Julian Calendar 1 Oct. 1407 BCE == Greg. Calendar 18 Sept. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

NOVEMBER 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 49 38	26♎46'34	0♓48	13♎32	24♍21	19♍17	13♒37	9♍46	15°R 1	17°R21	27♑ 6	17°R 5	17♋13	26♑40	n.a.	S 1
M 2	1 53 35	27°47'46	13° 8	15° 4	25°35	19°57	13°39	9°51	14♊59	17♈19	27° 6	16♋58	17°10	26°46	n.a.	M 2
T 3	1 57 31	28°48'58	25°46	16°35	26°49	20°38	13°41	9°57	14°58	17°18	27° 6	16°48	17° 6	26°53	n.a.	T 3
W 4	2 1 28	29°50'11	8♈44	18° 7	28° 4	21°18	13°44	10° 2	14°56	17°16	27° 6	16°36	17° 3	27° 0	n.a.	W 4
T 5	2 5 24	0♏51'24	22° 2	19°39	29°18	21°58	13°46	10° 8	14°55	17°14	27° 7	16°23	17° 0	27° 6	n.a.	T 5
F 6	2 9 21	1°52'38	5♉38	21°12	0♎32	22°39	13°49	10°13	14°53	17°13	27° 7	16°10	16°57	27°13	n.a.	F 6
S 7	2 13 17	2°53'52	19°30	22°44	1°47	23°19	13°53	10°18	14°51	17°11	27° 7	15°59	16°54	27°20	n.a.	S 7
S 8	2 17 14	3°55'07	3♊31	24°17	3° 1	24° 0	13°56	10°24	14°50	17° 9	27° 8	15°51	16°51	27°26	n.a.	S 8
M 9	2 21 10	4°56'23	17°39	25°50	4°16	24°40	13°59	10°29	14°48	17° 8	27° 8	15°45	16°47	27°33	n.a.	M 9
T 10	2 25 7	5°57'39	1♋50	27°23	5°30	25°20	14° 3	10°34	14°46	17° 6	27° 8	15°42	16°44	27°40	n.a.	T 10
W11	2 29 4	6°58'56	16° 0	28°56	6°45	26° 1	14° 7	10°39	14°44	17° 5	27° 9	15°D41	16°41	27°46	n.a.	W11
T 12	2 33 0	8° 0'13	0♌ 7	0♏29	8° 0	26°41	14°11	10°44	14°42	17° 3	27° 9	15°42	16°38	27°53	n.a.	T 12
F 13	2 36 57	9° 1'31	14°12	2° 3	9°14	27°22	14°16	10°48	14°40	17° 1	27°10	15°R42	16°35	27°59	n.a.	F 13
S 14	2 40 53	10° 2'50	28°12	3°36	10°29	28° 3	14°20	10°53	14°38	17° 0	27°10	15°40	16°31	28° 6	n.a.	S 14
S 15	2 44 50	11° 4'09	12♍ 8	5°10	11°44	28°43	14°25	10°58	14°36	16°58	27°11	15°36	16°28	28°13	n.a.	S 15
M16	2 48 46	12° 5'28	25°57	6°45	12°58	29°24	14°30	11° 2	14°34	16°57	27°11	15°30	16°25	28°19	n.a.	M16
T 17	2 52 43	13° 6'48	9♎39	8°19	14°13	0♎ 4	14°35	11° 7	14°32	16°55	27°12	15°21	16°22	28°26	n.a.	T 17
W18	2 56 40	14° 8'08	23°10	9°54	15°28	0°45	14°40	11°11	14°30	16°54	27°13	15°10	16°19	28°33	n.a.	W18
T 19	3 0 36	15° 9'28	6♏28	11°29	16°43	1°26	14°45	11°16	14°28	16°52	27°13	14°59	16°16	28°39	n.a.	T 19
F 20	3 4 33	16°10'48	19°32	13° 4	17°57	2° 7	14°51	11°20	14°26	16°51	27°14	14°48	16°12	28°46	n.a.	F 20
S 21	3 8 29	17°12'08	2♐19	14°39	19°12	2°47	14°57	11°24	14°23	16°50	27°15	14°39	16° 9	28°53	n.a.	S 21
S 22	3 12 26	18°13'28	14°49	16°15	20°27	3°28	15° 3	11°28	14°21	16°48	27°15	14°32	16° 6	28°59	n.a.	S 22
M23	3 16 22	19°14'48	27° 5	17°51	21°42	4° 9	15° 9	11°33	14°19	16°47	27°16	14°28	16° 3	29° 6	n.a.	M23
T 24	3 20 19	20°16'07	9♑ 7	19°28	22°57	4°50	15°15	11°37	14°16	16°45	27°17	14°D26	16° 0	29°13	n.a.	T 24
W25	3 24 16	21°17'26	21° 0	21° 4	24°12	5°30	15°22	11°40	14°14	16°44	27°18	14°26	15°57	29°19	n.a.	W25
T 26	3 28 12	22°18'45	2♒48	22°42	25°26	6°11	15°28	11°44	14°12	16°43	27°18	14°27	15°53	29°26	n.a.	T 26
F 27	3 32 9	23°20'03	14°35	24°19	26°41	6°52	15°35	11°48	14° 9	16°41	27°19	14°29	15°50	29°33	n.a.	F 27
S 28	3 36 5	24°21'20	26°29	25°57	27°56	7°33	15°42	11°52	14° 7	16°40	27°20	14°R29	15°47	29°39	n.a.	S 28
S 29	3 40 2	25°22'37	8♓32	27°35	29°11	8°14	15°49	11°55	14° 5	16°39	27°21	14°28	15°44	29°46	n.a.	S 29
M30	3 43 58	26♏23'53	20♓52	29♏14	0♏26	8♎55	15♒56	11♍59	14♊ 2	16♈38	27♑22	14♋25	15♋41	29♑53	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s30	14s38	3s29	4s32	0n59	3n56	1n48	5n20	1n 6	18s33	1s35	10n11	2n19	23n13	0n13	5n 0	2s 6	34s53	14s 5	22n45	22n44	22s 1		n.a.
M 2	10 52	10 35	4 11	5 14	0 52	3 26	1 49	5 3	1 6	18 32	1 35	10 9	2 19	23 13	0 13	4 59	2 6	34 53	14 5	22 46	22 44	22 1		n.a.
T 3	11 15	6 0	4 41	5 56	0 46	2 56	1 48	4 47	1 6	18 31	1 34	10 7	2 19	23 13	0 13	4 59	2 5	34 52	14 5	22 47	22 45	22 0		n.a.
W 4	11 37	1 2	4 58	6 38	0 39	2 26	1 48	4 30	1 5	18 30	1 34	10 5	2 20	23 13	0 13	4 58	2 5	34 52	14 4	22 48	22 45	22 0		n.a.
T 5	11 58	4n 6	5 0	7 20	0 32	1 56	1 48	4 14	1 5	18 29	1 34	10 3	2 20	23 13	0 13	4 57	2 5	34 51	14 4	22 50	22 45	22 0		n.a.
F 6	12 20	9 10	4 44	8 1	0 25	1 25	1 48	3 58	1 5	18 28	1 34	10 1	2 20	23 13	0 13	4 57	2 5	34 51	14 4	22 52	22 46	21 59		n.a.
S 7	12 41	13 52	4 12	8 43	0 18	0 55	1 47	3 41	1 5	18 26	1 33	9 59	2 20	23 12	0 13	4 56	2 5	34 51	14 3	22 53	22 46	21 59		n.a.
S 8	13 3	17 53	3 24	9 24	0 12	0 25	1 47	3 25	1 5	18 25	1 33	9 58	2 20	23 12	0 13	4 56	2 5	34 50	14 3	22 54	22 47	21 58		n.a.
M 9	13 24	20 54	2 23	10 4	0 5	0s 6	1 46	3 8	1 4	18 24	1 33	9 56	2 21	23 12	0 14	4 55	2 5	34 50	14 3	22 55	22 47	21 58		n.a.
T 10	13 44	22 38	1 13	10 45	0s 2	0 37	1 46	2 52	1 4	18 22	1 32	9 54	2 21	23 12	0 14	4 54	2 5	34 50	14 2	22 55	22 47	21 57		n.a.
W11	14 5	22 55	0n 2	11 25	0 8	1 7	1 45	2 35	1 4	18 21	1 32	9 52	2 21	23 12	0 14	4 54	2 5	34 49	14 2	22 55	22 48	21 57		n.a.
T 12	14 25	21 43	1 16	12 5	0 15	1 38	1 44	2 18	1 3	18 19	1 32	9 51	2 21	23 11	0 14	4 53	2 5	34 49	14 2	22 55	22 48	21 56		n.a.
F 13	14 45	19 11	2 26	12 44	0 21	2 9	1 43	2 2	1 3	18 18	1 32	9 49	2 21	23 11	0 14	4 53	2 5	34 48	14 2	22 55	22 49	21 56		n.a.
S 14	15 5	15 31	3 26	13 22	0 28	2 39	1 43	1 45	1 3	18 16	1 31	9 47	2 22	23 11	0 14	4 52	2 5	34 48	14 1	22 55	22 49	21 55		n.a.
S 15	15 25	11 2	4 14	14 1	0 34	3 10	1 42	1 28	1 3	18 15	1 31	9 46	2 22	23 11	0 14	4 52	2 5	34 48	14 1	22 56	22 49	21 55		n.a.
M16	15 44	6 0	4 46	14 38	0 40	3 40	1 41	1 12	1 2	18 13	1 31	9 44	2 22	23 11	0 14	4 51	2 5	34 47	14 1	22 56	22 50	21 54		n.a.
T 17	16 3	0 44	5 2	15 15	0 46	4 11	1 39	0 55	1 2	18 11	1 31	9 43	2 22	23 10	0 14	4 50	2 5	34 47	14 0	22 58	22 50	21 54		n.a.
W18	16 22	4s31	5 1	15 52	0 52	4 41	1 38	0 38	1 2	18 9	1 30	9 41	2 23	23 10	0 14	4 50	2 5	34 46	14 0	22 59	22 51	21 53		n.a.
T 19	16 40	9 28	4 43	16 27	0 58	5 11	1 37	0 21	1 1	18 7	1 30	9 40	2 23	23 10	0 14	4 49	2 5	34 46	14 0	23 0	22 51	21 52		n.a.
F 20	16 58	13 54	4 10	17 2	1 4	5 42	1 36	0 5	1 1	18 6	1 30	9 38	2 23	23 10	0 14	4 49	2 5	34 45	14 0	23 1	22 51	21 52		n.a.
S 21	17 16	17 38	3 26	17 37	1 9	6 12	1 34	0s12	1 1	18 4	1 29	9 37	2 23	23 9	0 14	4 48	2 5	34 45	13 59	23 2	22 52	21 51		n.a.
S 22	17 33	20 28	2 32	18 10	1 14	6 42	1 33	0 29	1 0	18 1	1 29	9 35	2 24	23 9	0 14	4 48	2 5	34 45	13 59	23 3	22 52	21 51		n.a.
M23	17 51	22 18	1 32	18 43	1 19	7 12	1 31	0 46	1 0	17 59	1 29	9 34	2 24	23 9	0 14	4 47	2 5	34 44	13 59	23 4	22 53	21 50		n.a.
T 24	18 7	23 4	0 29	19 15	1 24	7 41	1 30	1 2	1 0	17 57	1 29	9 33	2 24	23 9	0 14	4 47	2 5	34 44	13 58	23 4	22 53	21 50		n.a.
W25	18 24	22 46	0s35	19 46	1 29	8 11	1 28	1 19	0 59	17 55	1 28	9 31	2 24	23 8	0 14	4 46	2 5	34 43	13 58	23 4	22 53	21 49		n.a.
T 26	18 40	21 27	1 37	20 16	1 33	8 40	1 26	1 36	0 59	17 53	1 28	9 30	2 25	23 8	0 14	4 46	2 5	34 43	13 58	23 4	22 54	21 48		n.a.
F 27	18 56	19 13	2 35	20 45	1 38	9 9	1 25	1 53	0 59	17 50	1 28	9 29	2 25	23 8	0 14	4 45	2 5	34 42	13 58	23 3	22 54	21 48		n.a.
S 28	19 11	16 9	3 27	21 13	1 41	9 38	1 23	2 9	0 58	17 48	1 28	9 28	2 25	23 7	0 14	4 45	2 5	34 42	13 57	23 3	22 54	21 47		n.a.
S 29	19 27	12 22	4 10	21 40	1 45	10 7	1 21	2 26	0 58	17 46	1 27	9 27	2 25	23 7	0 14	4 45	2 5	34 42	13 57	23 4	22 55	21 47		n.a.
M30	19s41	8s 0	4s43	22s 6	1s49	10s35	1n19	2s43	0n58	17s43	1s27	9n26	2n26	23n 7	0n14	4n44	2s 5	34s41	13s57	23n 4	22n55	21s46		n.a.

Julian Day Number = 1207820.5, Delta T = 09h16m00s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'43, Lahiri = -23°21'42 Julian Calendar 1 Nov. 1407 BCE == Greg. Calendar 19 Oct. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1407 BCE
geocentric

DECEMBER 1407 BCE (-1406) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 47 55	27♏25'08	3♈31	0♐53	1♏41	9♎35	16♒ 4	12♍ 2	14°R 0	16°R36	27♑23	14°R20	15♋37	29♑59	n.a.	T 1
W 2	3 51 51	28°26'22	16°34	2°33	2°56	10°16	16°12	12° 5	13♊57	16♈35	27°24	14♋13	15°34	0♒ 6	n.a.	W 2
T 3	3 55 48	29°27'36	0♉ 1	4°13	4°11	10°57	16°19	12° 8	13°55	16°34	27°25	14° 5	15°31	0°12	n.a.	T 3
F 4	3 59 45	0♐28'49	13°52	5°53	5°25	11°38	16°27	12°11	13°52	16°33	27°25	13°57	15°28	0°19	n.a.	F 4
S 5	4 3 41	1°30'01	28° 4	7°34	6°40	12°19	16°35	12°14	13°50	16°32	27°26	13°50	15°25	0°26	n.a.	S 5
S 6	4 7 38	2°31'13	12♊30	9°15	7°55	13° 0	16°43	12°17	13°47	16°31	27°27	13°45	15°22	0°32	n.a.	S 6
M 7	4 11 34	3°32'24	27° 6	10°57	9°10	13°41	16°52	12°20	13°45	16°30	27°29	13°42	15°18	0°39	n.a.	M 7
T 8	4 15 31	4°33'35	11♋45	12°38	10°25	14°22	17° 0	12°23	13°42	16°29	27°30	13°D41	15°15	0°46	n.a.	T 8
W 9	4 19 27	5°34'45	26°19	14°20	11°40	15° 3	17° 9	12°26	13°39	16°28	27°31	13°41	15°12	0°52	n.a.	W 9
T 10	4 23 24	6°35'54	10♌46	16° 3	12°55	15°44	17°18	12°28	13°37	16°27	27°32	13°43	15° 9	0°59	n.a.	T 10
F 11	4 27 21	7°37'03	25° 1	17°45	14°10	16°26	17°27	12°30	13°34	16°26	27°33	13°44	15° 6	1° 6	n.a.	F 11
S 12	4 31 17	8°38'11	9♍ 2	19°27	15°25	17° 7	17°36	12°33	13°32	16°25	27°34	13°R45	15° 3	1°12	n.a.	S 12
S 13	4 35 14	9°39'18	22°50	21° 9	16°40	17°48	17°45	12°35	13°29	16°24	27°35	13°44	14°59	1°19	n.a.	S 13
M14	4 39 10	10°40'25	6♎24	22°51	17°54	18°29	17°54	12°37	13°26	16°23	27°36	13°41	14°56	1°26	n.a.	M14
T 15	4 43 7	11°41'31	19°44	24°32	19° 9	19°10	18° 4	12°39	13°24	16°22	27°37	13°38	14°53	1°32	n.a.	T 15
W16	4 47 3	12°42'37	2♏51	26°13	20°24	19°51	18°13	12°41	13°21	16°21	27°39	13°33	14°50	1°39	n.a.	W16
T 17	4 51 0	13°43'41	15°45	27°53	21°39	20°33	18°23	12°43	13°18	16°21	27°40	13°27	14°47	1°46	n.a.	T 17
F 18	4 54 56	14°44'44	28°26	29°31	22°54	21°14	18°33	12°45	13°16	16°20	27°41	13°22	14°43	1°52	n.a.	F 18
S 19	4 58 53	15°45'47	10♐54	1♑ 9	24° 9	21°55	18°43	12°46	13°13	16°19	27°42	13°18	14°40	1°59	n.a.	S 19
S 20	5 2 50	16°46'48	23°11	2°44	25°24	22°36	18°53	12°48	13°11	16°19	27°44	13°15	14°37	2° 6	n.a.	S 20
M21	5 6 46	17°47'48	5♑17	4°16	26°39	23°18	19° 3	12°49	13° 8	16°18	27°45	13°13	14°34	2°12	n.a.	M21
T 22	5 10 43	18°48'47	17°14	5°46	27°54	23°59	19°13	12°51	13° 5	16°17	27°46	13°D13	14°31	2°19	n.a.	T 22
W23	5 14 39	19°49'44	29° 5	7°12	29° 8	24°40	19°23	12°52	13° 3	16°17	27°47	13°14	14°28	2°26	n.a.	W23
T 24	5 18 36	20°50'40	10♒52	8°35	0♐23	25°22	19°34	12°53	13° 0	16°16	27°49	13°16	14°24	2°32	n.a.	T 24
F 25	5 22 32	21°51'34	22°40	9°52	1°38	26° 3	19°45	12°54	12°58	16°16	27°50	13°17	14°21	2°39	n.a.	F 25
S 26	5 26 29	22°52'27	4♓33	11° 4	2°53	26°44	19°55	12°55	12°55	16°15	27°51	13°19	14°18	2°45	n.a.	S 26
S 27	5 30 25	23°53'18	16°35	12°10	4° 8	27°26	20° 6	12°56	12°52	16°15	27°53	13°20	14°15	2°52	n.a.	S 27
M28	5 34 22	24°54'07	28°51	13° 9	5°22	28° 7	20°17	12°57	12°50	16°14	27°54	13°R20	14°12	2°59	n.a.	M28
T 29	5 38 19	25°54'55	11♈26	13°59	6°37	28°48	20°28	12°57	12°47	16°14	27°56	13°19	14° 9	3° 5	n.a.	T 29
W30	5 42 15	26°55'40	24°25	14°42	7°52	29°30	20°39	12°58	12°45	16°14	27°57	13°18	14° 5	3°12	n.a.	W30
T 31	5 46 12	27♐56'24	7♉49	15♑15	9♐ 7	0♏11	20♒51	12♍58	12♊42	16♈13	27♑58	13♋16	14♋ 2	3♒19	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	19s56	3s12	5s 3	22s31	1s52	11s 4	1n17	2s59	0n57	17s41	1s27	9n24	2n26	23n 7	0n14	4n44	2s 4	34s41	13s57	23n 4	22n56	21s45			n.a.
W 2	20 10	1n53	5 8	22 54	1 54	11 32	1 15	3 16	0 57	17 38	1 27	9 23	2 26	23 6	0 14	4 43	2 4	34 40	13 56	23 5	22 56	21 45			n.a.
T 3	20 23	7 3	4 57	23 16	1 57	11 59	1 13	3 33	0 56	17 36	1 26	9 22	2 26	23 6	0 14	4 43	2 4	34 40	13 56	23 6	22 56	21 44			n.a.
F 4	20 37	12 1	4 28	23 37	1 59	12 27	1 11	3 49	0 56	17 33	1 26	9 21	2 27	23 6	0 14	4 42	2 4	34 39	13 56	23 7	22 57	21 44			n.a.
S 5	20 49	16 28	3 42	23 56	2 0	12 54	1 9	4 6	0 56	17 30	1 26	9 21	2 27	23 5	0 14	4 42	2 4	34 39	13 56	23 8	22 57	21 43			n.a.
S 6	21 2	20 2	2 41	24 14	2 2	13 21	1 7	4 23	0 55	17 27	1 26	9 20	2 27	23 5	0 14	4 42	2 4	34 38	13 55	23 8	22 57	21 42			n.a.
M 7	21 14	22 21	1 29	24 30	2 2	13 47	1 5	4 39	0 55	17 25	1 25	9 19	2 27	23 5	0 14	4 41	2 4	34 38	13 55	23 8	22 58	21 42			n.a.
T 8	21 25	23 9	0 11	24 44	2 3	14 13	1 2	4 56	0 54	17 22	1 25	9 18	2 28	23 5	0 14	4 41	2 4	34 37	13 55	23 9	22 58	21 41			n.a.
W 9	21 37	22 23	1n 8	24 57	2 3	14 39	1 0	5 12	0 54	17 19	1 25	9 17	2 28	23 4	0 14	4 41	2 4	34 37	13 55	23 9	22 59	21 40			n.a.
T 10	21 47	20 7	2 22	25 8	2 2	15 4	0 58	5 29	0 53	17 16	1 25	9 16	2 28	23 4	0 14	4 40	2 4	34 37	13 54	23 8	22 59	21 40			n.a.
F 11	21 58	16 39	3 26	25 17	2 1	15 29	0 55	5 45	0 53	17 13	1 25	9 16	2 29	23 4	0 14	4 40	2 4	34 36	13 54	23 8	22 59	21 39			n.a.
S 12	22 8	12 17	4 17	25 25	1 59	15 54	0 53	6 2	0 52	17 10	1 24	9 15	2 29	23 3	0 14	4 40	2 4	34 36	13 54	23 8	23 0	21 38			n.a.
S 13	22 17	7 21	4 52	25 30	1 57	16 18	0 51	6 18	0 52	17 7	1 24	9 14	2 29	23 3	0 14	4 39	2 4	34 35	13 54	23 8	23 0	21 38			n.a.
M14	22 26	2 9	5 10	25 33	1 54	16 42	0 48	6 35	0 52	17 4	1 24	9 14	2 29	23 3	0 14	4 39	2 4	34 35	13 53	23 8	23 0	21 37			n.a.
T 15	22 35	3s 4	5 11	25 35	1 50	17 5	0 46	6 51	0 51	17 1	1 24	9 13	2 30	23 2	0 14	4 39	2 4	34 34	13 53	23 9	23 1	21 36			n.a.
W16	22 43	8 4	4 55	25 34	1 46	17 28	0 43	7 7	0 51	16 57	1 23	9 13	2 30	23 2	0 14	4 39	2 4	34 34	13 53	23 9	23 1	21 36			n.a.
T 17	22 51	12 38	4 25	25 31	1 41	17 50	0 41	7 23	0 50	16 54	1 23	9 12	2 30	23 2	0 14	4 38	2 4	34 33	13 53	23 10	23 1	21 35			n.a.
F 18	22 58	16 34	3 41	25 26	1 35	18 12	0 38	7 40	0 50	16 51	1 23	9 12	2 30	23 1	0 14	4 38	2 3	34 33	13 53	23 10	23 2	21 34			n.a.
S 19	23 5	19 42	2 48	25 19	1 28	18 34	0 36	7 56	0 49	16 47	1 23	9 12	2 31	23 1	0 14	4 38	2 3	34 32	13 52	23 11	23 2	21 34			n.a.
S 20	23 11	21 53	1 48	25 10	1 20	18 54	0 33	8 12	0 48	16 44	1 23	9 11	2 31	23 1	0 14	4 38	2 3	34 32	13 52	23 11	23 3	21 33			n.a.
M21	23 17	23 2	0 44	24 59	1 12	19 15	0 31	8 28	0 48	16 41	1 22	9 11	2 31	23 0	0 14	4 38	2 3	34 31	13 52	23 11	23 3	21 32			n.a.
T 22	23 23	23 6	0s22	24 46	1 2	19 35	0 28	8 44	0 47	16 37	1 22	9 11	2 32	23 0	0 14	4 37	2 3	34 31	13 52	23 11	23 3	21 31			n.a.
W23	23 28	22 7	1 26	24 31	0 52	19 54	0 26	9 0	0 47	16 34	1 22	9 10	2 32	23 0	0 14	4 37	2 3	34 31	13 52	23 11	23 4	21 31			n.a.
T 24	23 32	20 10	2 27	24 15	0 41	20 13	0 23	9 16	0 46	16 30	1 22	9 10	2 32	22 59	0 14	4 37	2 3	34 30	13 52	23 11	23 4	21 30			n.a.
F 25	23 36	17 21	3 21	23 57	0 28	20 31	0 21	9 31	0 46	16 27	1 22	9 10	2 32	22 59	0 14	4 37	2 3	34 30	13 51	23 11	23 4	21 29			n.a.
S 26	23 40	13 50	4 7	23 38	0 15	20 48	0 18	9 47	0 45	16 23	1 21	9 10	2 33	22 59	0 14	4 37	2 3	34 29	13 51	23 11	23 5	21 28			n.a.
S 27	23 43	9 43	4 43	23 18	0 1	21 5	0 16	10 3	0 45	16 19	1 21	9 10	2 33	22 59	0 14	4 37	2 3	34 29	13 51	23 11	23 5	21 28			n.a.
M28	23 46	5 8	5 7	22 58	0n14	21 22	0 13	10 18	0 44	16 15	1 21	9 10	2 33	22 58	0 14	4 37	2 3	34 28	13 51	23 11	23 5	21 27			n.a.
T 29	23 48	0 14	5 16	22 37	0 30	21 37	0 10	10 34	0 43	16 12	1 21	9 10	2 34	22 58	0 14	4 37	2 3	34 28	13 51	23 11	23 6	21 26			n.a.
W30	23 49	4n49	5 11	22 16	0 46	21 53	0 8	10 49	0 43	16 8	1 21	9 10	2 34	22 58	0 14	4 36	2 3	34 27	13 51	23 11	23 6	21 25			n.a.
T 31	23s51	9n49	4s48	21s55	1n 3	22s 7	0n 5	11s 5	0n42	16s 4	1s21	9n10	2n34	22n57	0n14	4n36	2s 3	34s27	13s51	23n11	23n 6	21s25			n.a.

Julian Day Number = 1207850.5, Delta T = 09h15m58s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'39, Lahiri = -23°21'38 Julian Calendar 1 Dec. 1407 BCE == Greg. Calendar 18 Nov. 1407 BCE

The year -1406 astronomical counting style corresponds to year 1407 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

JANUARY 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 50 8	28♐57'06	21♉40	15♑38	10♐22	0♏53	21♒ 2	12♍58	12°R40	16°R13	28♑ 0	13°R14	13♋59	3♒25	n.a.	F 1
S 2	5 54 5	29°57'47	5♊57	15°51	11°36	1°34	21°13	12°59	12♊37	16♈13	28° 1	13♋12	13°56	3°32	n.a.	S 2
S 3	5 58 1	0♑58'25	20°36	15°R54	12°51	2°16	21°25	12°R59	12°35	16°13	28° 3	13°11	13°53	3°39	n.a.	S 3
M 4	6 1 58	1°59'02	5♋31	15°45	14° 6	2°57	21°37	12°59	12°32	16°12	28° 4	13°10	13°49	3°45	n.a.	M 4
T 5	6 5 55	2°59'38	20°32	15°27	15°21	3°39	21°48	12°59	12°30	16°12	28° 6	13°D10	13°46	3°52	n.a.	T 5
W 6	6 9 51	4° 0'12	5♌33	14°58	16°35	4°20	22° 0	12°58	12°28	16°12	28° 7	13°11	13°43	3°59	n.a.	W 6
T 7	6 13 48	5° 0'44	20°25	14°19	17°50	5° 2	22°12	12°58	12°25	16°12	28° 9	13°11	13°40	4° 5	n.a.	T 7
F 8	6 17 44	6° 1'15	5♍ 1	13°33	19° 5	5°43	22°24	12°58	12°23	16°12	28°10	13°12	13°37	4°12	n.a.	F 8
S 9	6 21 41	7° 1'44	19°17	12°39	20°19	6°25	22°36	12°57	12°21	16°D12	28°12	13°13	13°34	4°19	n.a.	S 9
S 10	6 25 37	8° 2'11	3♎11	11°39	21°34	7° 6	22°48	12°57	12°18	16°12	28°13	13°R13	13°30	4°25	n.a.	S 10
M11	6 29 34	9° 2'37	16°43	10°36	22°49	7°48	23° 0	12°56	12°16	16°12	28°15	13°13	13°27	4°32	n.a.	M11
T 12	6 33 30	10° 3'02	29°54	9°30	24° 3	8°30	23°13	12°55	12°14	16°12	28°16	13°13	13°24	4°39	n.a.	T 12
W13	6 37 27	11° 3'25	12♏46	8°23	25°18	9°11	23°25	12°54	12°12	16°12	28°18	13°12	13°21	4°45	n.a.	W13
T 14	6 41 24	12° 3'46	25°23	7°17	26°33	9°53	23°38	12°53	12° 9	16°13	28°19	13°12	13°18	4°52	n.a.	T 14
F 15	6 45 20	13° 4'06	7♐46	6°14	27°47	10°34	23°50	12°52	12° 7	16°13	28°21	13°D12	13°15	4°59	n.a.	F 15
S 16	6 49 17	14° 4'24	19°57	5°15	29° 2	11°16	24° 3	12°51	12° 5	16°13	28°22	13°12	13°11	5° 5	n.a.	S 16
S 17	6 53 13	15° 4'40	2♑ 0	4°20	0♑17	11°58	24°15	12°49	12° 3	16°13	28°24	13°12	13° 8	5°12	n.a.	S 17
M18	6 57 10	16° 4'54	13°56	3°32	1°31	12°39	24°28	12°48	12° 1	16°14	28°25	13°R12	13° 5	5°19	n.a.	M18
T 19	7 1 6	17° 5'07	25°47	2°49	2°46	13°21	24°41	12°46	11°59	16°14	28°27	13°12	13° 2	5°25	n.a.	T 19
W20	7 5 3	18° 5'17	7♒36	2°14	4° 1	14° 3	24°54	12°45	11°57	16°14	28°29	13°12	12°59	5°32	n.a.	W20
T 21	7 8 59	19° 5'25	19°23	1°45	5°15	14°44	25° 7	12°43	11°55	16°15	28°30	13°11	12°55	5°39	n.a.	T 21
F 22	7 12 56	20° 5'31	1♓13	1°24	6°30	15°26	25°20	12°41	11°53	16°15	28°32	13°10	12°52	5°45	n.a.	F 22
S 23	7 16 53	21° 5'35	13° 8	1° 9	7°44	16° 8	25°33	12°39	11°51	16°16	28°33	13° 9	12°49	5°52	n.a.	S 23
S 24	7 20 49	22° 5'36	25°12	1° 1	8°59	16°50	25°46	12°37	11°49	16°16	28°35	13° 8	12°46	5°59	n.a.	S 24
M25	7 24 46	23° 5'35	7♈27	1°D 0	10°13	17°31	25°59	12°35	11°48	16°17	28°37	13° 7	12°43	6° 5	n.a.	M25
T 26	7 28 42	24° 5'32	19°59	1° 5	11°28	18°13	26°12	12°33	11°46	16°17	28°38	13°D 7	12°40	6°12	n.a.	T 26
W27	7 32 39	25° 5'26	2♉51	1°16	12°42	18°55	26°26	12°31	11°44	16°18	28°40	13° 7	12°36	6°19	n.a.	W27
T 28	7 36 35	26° 5'18	16° 6	1°33	13°57	19°36	26°39	12°29	11°43	16°19	28°41	13° 8	12°33	6°25	n.a.	T 28
F 29	7 40 32	27° 5'08	29°48	1°55	15°11	20°18	26°52	12°26	11°41	16°19	28°43	13° 9	12°30	6°32	n.a.	F 29
S 30	7 44 28	28° 4'55	13♊57	2°22	16°26	21° 0	27° 6	12°24	11°39	16°20	28°45	13°10	12°27	6°38	n.a.	S 30
S 31	7 48 25	29♑ 4'40	28♊31	2♑54	17♑40	21♏42	27♒19	12♍21	11♊38	16♈21	28♑46	13♋11	12♋24	6♒45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s51	14n30	4s 8	21s35	1n21	22s21	0n 3	11s20	0n42	16s 0	1s20	9n10	2n34	22n57	0n14	4n36	2s 3	34s26	13s50	23n11	23n 7	21s24		n.a.	F 1
S 2	23 52	18 32	3 12	21 16	1 38	22 34	0 0	11 35	0 41	15 56	1 20	9 11	2 35	22 57	0 14	4 36	2 2	34 26	13 50	23 11	23 7	21 23		n.a.	S 2
S 3	23 51	21 29	2 2	20 59	1 56	22 47	0s 2	11 50	0 40	15 52	1 20	9 11	2 35	22 56	0 14	4 36	2 2	34 26	13 50	23 12	23 7	21 22		n.a.	S 3
M 4	23 51	23 2	0 42	20 42	2 13	22 58	0 5	12 5	0 40	15 48	1 20	9 11	2 35	22 56	0 14	4 36	2 2	34 25	13 50	23 12	23 8	21 22		n.a.	M 4
T 5	23 49	22 56	0n41	20 28	2 30	23 10	0 7	12 20	0 39	15 44	1 20	9 11	2 36	22 56	0 14	4 36	2 2	34 25	13 50	23 12	23 8	21 21		n.a.	T 5
W 6	23 48	21 10	2 1	20 15	2 46	23 20	0 10	12 35	0 38	15 40	1 20	9 12	2 36	22 55	0 14	4 36	2 2	34 24	13 50	23 12	23 8	21 20		n.a.	W 6
T 7	23 46	17 58	3 13	20 5	3 1	23 30	0 12	12 50	0 38	15 36	1 19	9 12	2 36	22 55	0 14	4 36	2 2	34 24	13 50	23 12	23 9	21 19		n.a.	T 7
F 8	23 43	13 42	4 10	19 56	3 14	23 39	0 15	13 5	0 37	15 32	1 19	9 12	2 36	22 55	0 14	4 36	2 2	34 23	13 50	23 12	23 9	21 18		n.a.	F 8
S 9	23 40	8 45	4 51	19 50	3 26	23 47	0 17	13 20	0 36	15 28	1 19	9 13	2 37	22 54	0 14	4 37	2 2	34 23	13 49	23 11	23 9	21 17		n.a.	S 9
S 10	23 37	3 29	5 13	19 45	3 36	23 55	0 20	13 34	0 35	15 24	1 19	9 13	2 37	22 54	0 14	4 37	2 2	34 23	13 49	23 11	23 10	21 17		n.a.	S 10
M11	23 33	1s48	5 17	19 43	3 43	24 2	0 22	13 48	0 35	15 20	1 19	9 14	2 37	22 54	0 14	4 37	2 2	34 22	13 49	23 11	23 10	21 16		n.a.	M11
T 12	23 28	6 53	5 5	19 43	3 49	24 8	0 24	14 3	0 34	15 15	1 19	9 15	2 38	22 54	0 14	4 37	2 2	34 22	13 49	23 11	23 10	21 15		n.a.	T 12
W13	23 23	11 33	4 37	19 44	3 52	24 13	0 27	14 17	0 33	15 11	1 19	9 15	2 38	22 53	0 14	4 37	2 2	34 21	13 49	23 11	23 11	21 14		n.a.	W13
T 14	23 18	15 38	3 56	19 47	3 53	24 18	0 29	14 31	0 32	15 7	1 18	9 16	2 38	22 53	0 14	4 37	2 2	34 21	13 49	23 11	23 11	21 13		n.a.	T 14
F 15	23 12	18 57	3 5	19 51	3 52	24 22	0 31	14 45	0 32	15 2	1 18	9 16	2 38	22 53	0 14	4 37	2 2	34 20	13 49	23 11	23 11	21 12		n.a.	F 15
S 16	23 6	21 23	2 6	19 57	3 48	24 25	0 34	14 59	0 31	14 58	1 18	9 17	2 39	22 52	0 14	4 37	2 1	34 20	13 49	23 11	23 12	21 12		n.a.	S 16
S 17	22 59	22 49	1 2	20 4	3 43	24 27	0 36	15 13	0 30	14 53	1 18	9 18	2 39	22 52	0 14	4 38	2 1	34 20	13 49	23 11	23 12	21 11		n.a.	S 17
M18	22 52	23 11	0s 4	20 12	3 37	24 29	0 38	15 27	0 29	14 49	1 18	9 19	2 39	22 52	0 14	4 38	2 1	34 19	13 49	23 11	23 12	21 10		n.a.	M18
T 19	22 45	22 30	1 9	20 21	3 28	24 30	0 40	15 40	0 29	14 45	1 18	9 20	2 39	22 52	0 14	4 38	2 1	34 19	13 49	23 11	23 13	21 9		n.a.	T 19
W20	22 37	20 49	2 11	20 31	3 19	24 30	0 42	15 54	0 28	14 40	1 18	9 20	2 40	22 51	0 14	4 38	2 1	34 18	13 49	23 12	23 13	21 8		n.a.	W20
T 21	22 28	18 14	3 8	20 42	3 9	24 29	0 44	16 7	0 27	14 36	1 18	9 21	2 40	22 51	0 14	4 38	2 1	34 18	13 49	23 12	23 13	21 7		n.a.	T 21
F 22	22 20	14 54	3 56	20 54	2 58	24 28	0 46	16 20	0 26	14 31	1 17	9 22	2 40	22 51	0 14	4 39	2 1	34 18	13 49	23 12	23 13	21 6		n.a.	F 22
S 23	22 10	10 57	4 35	21 5	2 46	24 26	0 48	16 33	0 25	14 26	1 17	9 23	2 40	22 51	0 14	4 39	2 1	34 17	13 49	23 12	23 14	21 5		n.a.	S 23
S 24	22 1	6 33	5 2	21 18	2 34	24 23	0 50	16 46	0 24	14 22	1 17	9 24	2 41	22 50	0 14	4 39	2 1	34 17	13 49	23 12	23 14	21 4		n.a.	S 24
M25	21 51	1 49	5 16	21 30	2 21	24 19	0 52	16 59	0 24	14 17	1 17	9 25	2 41	22 50	0 14	4 39	2 1	34 17	13 49	23 12	23 14	21 4		n.a.	M25
T 26	21 40	3n 6	5 15	21 43	2 8	24 15	0 54	17 12	0 23	14 12	1 17	9 26	2 41	22 50	0 14	4 40	2 1	34 16	13 49	23 12	23 15	21 3		n.a.	T 26
W27	21 29	8 0	4 59	21 56	1 56	24 10	0 56	17 24	0 22	14 8	1 17	9 28	2 41	22 50	0 14	4 40	2 1	34 16	13 49	23 12	23 15	21 2		n.a.	W27
T 28	21 18	12 42	4 26	22 8	1 43	24 4	0 58	17 37	0 21	14 3	1 17	9 29	2 42	22 49	0 14	4 40	2 1	34 16	13 49	23 12	23 15	21 1		n.a.	T 28
F 29	21 7	16 55	3 38	22 20	1 30	23 58	0 59	17 49	0 20	13 58	1 17	9 30	2 42	22 49	0 14	4 41	2 0	34 15	13 49	23 12	23 16	21 0		n.a.	F 29
S 30	20 55	20 19	2 35	22 33	1 18	23 50	1 1	18 1	0 19	13 53	1 17	9 31	2 42	22 49	0 14	4 41	2 0	34 15	13 49	23 12	23 16	20 59		n.a.	S 30
S 31	20s42	22n31	1s20	22s44	1n 5	23s42	1s 3	18s13	0n18	13s49	1s16	9n32	2n42	22n49	0n14	4n41	2s 0	34s14	13s49	23n12	23n16	20s58		n.a.	S 31

Julian Day Number = 1207881.5, Delta T = 09h15m56s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'34, Lahiri = -23°21'34 Julian Calendar 1 Jan. 1406 BCE == Greg. Calendar 19 Dec. 1407 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

FEBRUARY 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 52 21	0♒ 4'23	13♋27	3♑30	18♑55	22♏23	27♒33	12°R18	11°R36	16♈21	28♑48	13°R11	12♋21	6♒52	n.a.	M 1
T 2	7 56 18	1° 4'04	28°37	4°10	20° 9	23° 5	27°46	12♍16	11♊35	16°22	28°49	13♋11	12°17	6°58	n.a.	T 2
W 3	8 0 15	2° 3'42	13♌51	4°54	21°24	23°47	28° 0	12°13	11°34	16°23	28°51	13° 9	12°14	7° 5	n.a.	W 3
T 4	8 4 11	3° 3'18	29° 1	5°41	22°38	24°29	28°14	12°10	11°32	16°24	28°53	13° 7	12°11	7°12	n.a.	T 4
F 5	8 8 8	4° 2'52	13♍57	6°32	23°52	25°11	28°27	12° 7	11°31	16°25	28°54	13° 4	12° 8	7°18	n.a.	F 5
S 6	8 12 4	5° 2'24	28°31	7°26	25° 7	25°52	28°41	12° 4	11°30	16°26	28°56	13° 1	12° 5	7°25	n.a.	S 6
S 7	8 16 1	6° 1'54	12♎39	8°23	26°21	26°34	28°55	12° 1	11°28	16°27	28°57	12°59	12° 1	7°32	n.a.	S 7
M 8	8 19 57	7° 1'22	26°18	9°23	27°36	27°16	29° 9	11°57	11°27	16°28	28°59	12°58	11°58	7°38	n.a.	M 8
T 9	8 23 54	8° 0'48	9♏32	10°25	28°50	27°58	29°22	11°54	11°26	16°29	29° 0	12°D57	11°55	7°45	n.a.	T 9
W10	8 27 50	9° 0'13	22°21	11°30	0♒ 4	28°39	29°36	11°51	11°25	16°30	29° 2	12°58	11°52	7°52	n.a.	W10
T 11	8 31 47	9°59'35	4♐50	12°38	1°19	29°21	29°50	11°47	11°24	16°31	29° 4	12°59	11°49	7°58	n.a.	T 11
F 12	8 35 44	10°58'56	17° 3	13°47	2°33	0♐ 3	0♓ 4	11°44	11°23	16°32	29° 5	13° 1	11°46	8° 5	n.a.	F 12
S 13	8 39 40	11°58'15	29° 5	14°59	3°47	0°45	0°18	11°40	11°22	16°33	29° 7	13° 2	11°42	8°12	n.a.	S 13
S 14	8 43 37	12°57'31	10♑59	16°12	5° 2	1°27	0°32	11°37	11°21	16°34	29° 8	13°R 3	11°39	8°18	n.a.	S 14
M15	8 47 33	13°56'46	22°48	17°28	6°16	2° 8	0°46	11°33	11°20	16°36	29°10	13° 3	11°36	8°25	n.a.	M15
T 16	8 51 30	14°55'58	4♒35	18°46	7°30	2°50	1° 0	11°29	11°20	16°37	29°11	13° 1	11°33	8°32	n.a.	T 16
W17	8 55 26	15°55'09	16°23	20° 5	8°44	3°32	1°14	11°25	11°19	16°38	29°13	12°57	11°30	8°38	n.a.	W17
T 18	8 59 23	16°54'17	28°14	21°26	9°59	4°14	1°29	11°21	11°18	16°39	29°15	12°52	11°26	8°45	n.a.	T 18
F 19	9 3 19	17°53'22	10♓10	22°49	11°13	4°56	1°43	11°17	11°18	16°41	29°16	12°46	11°23	8°52	n.a.	F 19
S 20	9 7 16	18°52'26	22°12	24°14	12°27	5°37	1°57	11°14	11°17	16°42	29°18	12°39	11°20	8°58	n.a.	S 20
S 21	9 11 12	19°51'27	4♈22	25°40	13°41	6°19	2°11	11° 9	11°17	16°44	29°19	12°33	11°17	9° 5	n.a.	S 21
M22	9 15 9	20°50'26	16°43	27° 8	14°56	7° 1	2°25	11° 5	11°16	16°45	29°21	12°27	11°14	9°12	n.a.	M22
T 23	9 19 6	21°49'22	29°17	28°37	16°10	7°42	2°39	11° 1	11°16	16°46	29°22	12°23	11°11	9°18	n.a.	T 23
W24	9 23 2	22°48'16	12♉ 8	0♒ 8	17°24	8°24	2°54	10°57	11°15	16°48	29°24	12°21	11° 7	9°25	n.a.	W24
T 25	9 26 59	23°47'07	25°17	1°40	18°38	9° 6	3° 8	10°53	11°15	16°49	29°25	12°D20	11° 4	9°32	n.a.	T 25
F 26	9 30 55	24°45'57	8♊49	3°15	19°52	9°48	3°22	10°49	11°15	16°51	29°27	12°21	11° 1	9°38	n.a.	F 26
S 27	9 34 52	25°44'43	22°45	4°50	21° 7	10°29	3°36	10°45	11°15	16°52	29°28	12°22	10°58	9°45	n.a.	S 27
S 28	9 38 48	26♒43'28	7♋ 5	6♒27	22♒21	11♐11	3♓51	10♍40	11♊15	16♈54	29♑30	12°R23	10♋55	9♒52	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s29	23n11	0n 1	22s56	0n53	23s33	1s 4	18s25	0n17	13s44	1s16	9n34	2n43	22n48	0n14	4n42	2s 0	34s14	13s49	23n12	23n17	20s57		n.a.
T 2	20 16	22 11	1 24	23 6	0 41	23 24	1 6	18 37	0 16	13 39	1 16	9 35	2 43	22 48	0 14	4 42	2 0	34 14	13 49	23 12	23 17	20 56		n.a.
W 3	20 3	19 32	2 42	23 16	0 30	23 14	1 7	18 48	0 15	13 34	1 16	9 36	2 43	22 48	0 14	4 43	2 0	34 13	13 49	23 12	23 17	20 55		n.a.
T 4	19 49	15 33	3 47	23 26	0 18	23 3	1 9	19 0	0 14	13 29	1 16	9 37	2 43	22 48	0 14	4 43	2 0	34 13	13 49	23 12	23 17	20 54		n.a.
F 5	19 35	10 39	4 36	23 34	0 7	22 51	1 10	19 11	0 13	13 24	1 16	9 39	2 44	22 48	0 14	4 43	2 0	34 13	13 49	23 12	23 18	20 53		n.a.
S 6	19 20	5 15	5 5	23 42	0s 3	22 39	1 11	19 22	0 12	13 19	1 16	9 40	2 44	22 48	0 14	4 44	2 0	34 13	13 49	23 13	23 18	20 52		n.a.
S 7	19 6	0s15	5 15	23 49	0 13	22 26	1 12	19 33	0 11	13 14	1 16	9 42	2 44	22 47	0 14	4 44	2 0	34 12	13 49	23 13	23 18	20 51		n.a.
M 8	18 50	5 34	5 7	23 55	0 23	22 13	1 14	19 44	0 10	13 9	1 16	9 43	2 44	22 47	0 14	4 45	2 0	34 12	13 49	23 13	23 19	20 50		n.a.
T 9	18 35	10 28	4 42	23 59	0 33	21 58	1 15	19 54	0 9	13 4	1 16	9 45	2 44	22 47	0 14	4 45	2 0	34 12	13 49	23 13	23 19	20 49		n.a.
W10	18 19	14 45	4 4	24 3	0 42	21 44	1 16	20 5	0 8	12 59	1 16	9 46	2 45	22 47	0 14	4 46	2 0	34 11	13 49	23 13	23 19	20 48		n.a.
T 11	18 3	18 17	3 15	24 5	0 51	21 28	1 17	20 15	0 7	12 54	1 16	9 48	2 45	22 47	0 14	4 46	2 0	34 11	13 49	23 13	23 19	20 47		n.a.
F 12	17 47	20 56	2 18	24 7	0 59	21 12	1 18	20 25	0 6	12 49	1 16	9 49	2 45	22 47	0 14	4 47	2 0	34 11	13 50	23 13	23 20	20 46		n.a.
S 13	17 30	22 35	1 16	24 7	1 7	20 55	1 19	20 35	0 5	12 44	1 15	9 51	2 45	22 46	0 14	4 47	1 59	34 11	13 50	23 12	23 20	20 45		n.a.
S 14	17 13	23 12	0 11	24 5	1 15	20 38	1 20	20 45	0 4	12 39	1 15	9 52	2 45	22 46	0 14	4 48	1 59	34 10	13 50	23 12	23 20	20 44		n.a.
M15	16 56	22 46	0s53	24 3	1 22	20 20	1 20	20 55	0 3	12 34	1 15	9 54	2 45	22 46	0 14	4 48	1 59	34 10	13 50	23 12	23 21	20 43		n.a.
T 16	16 38	21 19	1 55	23 59	1 28	20 1	1 21	21 4	0 1	12 29	1 15	9 55	2 46	22 46	0 14	4 49	1 59	34 10	13 50	23 13	23 21	20 42		n.a.
W17	16 21	18 56	2 52	23 53	1 35	19 42	1 22	21 13	0 0	12 23	1 15	9 57	2 46	22 46	0 14	4 49	1 59	34 10	13 50	23 13	23 21	20 41		n.a.
T 18	16 3	15 45	3 42	23 46	1 41	19 23	1 22	21 23	0s 1	12 18	1 15	9 59	2 46	22 46	0 14	4 50	1 59	34 9	13 50	23 14	23 21	20 40		n.a.
F 19	15 44	11 55	4 22	23 38	1 46	19 3	1 23	21 31	0 2	12 13	1 15	10 0	2 46	22 46	0 14	4 50	1 59	34 9	13 50	23 14	23 22	20 39		n.a.
S 20	15 26	7 36	4 51	23 28	1 51	18 42	1 23	21 40	0 3	12 8	1 15	10 2	2 46	22 46	0 14	4 51	1 59	34 9	13 50	23 15	23 22	20 38		n.a.
S 21	15 7	2 56	5 8	23 17	1 56	18 21	1 24	21 49	0 4	12 3	1 15	10 4	2 46	22 46	0 14	4 52	1 59	34 9	13 51	23 15	23 22	20 37		n.a.
M22	14 48	1n55	5 10	23 3	2 0	17 59	1 24	21 57	0 6	11 57	1 15	10 5	2 46	22 46	0 14	4 52	1 59	34 8	13 51	23 16	23 23	20 36		n.a.
T 23	14 29	6 47	4 57	22 49	2 3	17 37	1 25	22 5	0 7	11 52	1 15	10 7	2 47	22 46	0 14	4 53	1 59	34 8	13 51	23 16	23 23	20 35		n.a.
W24	14 9	11 28	4 30	22 32	2 7	17 14	1 25	22 13	0 8	11 47	1 15	10 9	2 47	22 46	0 14	4 53	1 59	34 8	13 51	23 17	23 23	20 34		n.a.
T 25	13 50	15 44	3 48	22 14	2 9	16 51	1 25	22 21	0 9	11 42	1 15	10 11	2 47	22 45	0 14	4 54	1 59	34 8	13 51	23 17	23 23	20 33		n.a.
F 26	13 30	19 20	2 52	21 54	2 12	16 27	1 25	22 29	0 11	11 36	1 15	10 12	2 47	22 45	0 14	4 55	1 59	34 8	13 51	23 16	23 24	20 32		n.a.
S 27	13 10	21 55	1 45	21 33	2 13	16 3	1 25	22 36	0 12	11 31	1 15	10 14	2 47	22 45	0 14	4 55	1 59	34 7	13 52	23 16	23 24	20 30		n.a.
S 28	12s49	23n11	0s29	21s 9	2s15	15s39	1s25	22s44	0s13	11s26	1s15	10n16	2n47	22n45	0n14	4n56	1s59	34s 7	13s52	23n16	23n24	20s29		n.a.

Julian Day Number = 1207912.5, Delta T = 09h15m54s
Ecliptic obliquity = 23°51'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'30, Lahiri = -23°21'30 Julian Calendar 1 Feb. 1406 BCE == Greg. Calendar 19 Jan. 1406 BCE

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

MARCH 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 42 45	27♒42'10	21♋47	8♒ 6	23♒35	11♐52	4♓ 5	10°R36	11°R14	16♈56	29♑31	12°R23	10♋52	9♒58	n.a.	M 1
T 2	9 46 41	28°40'49	6♌47	9°46	24°49	12°34	4°19	10♍32	11°D14	16°57	29°32	12♋21	10°48	10° 5	n.a.	T 2
W 3	9 50 38	29°39'27	21°58	11°28	26° 3	13°16	4°34	10°27	11♊14	16°59	29°34	12°17	10°45	10°12	n.a.	W 3
T 4	9 54 34	0♓38'02	7♍10	13°11	27°17	13°57	4°48	10°23	11°15	17° 0	29°35	12°10	10°42	10°18	n.a.	T 4
F 5	9 58 31	1°36'35	22°12	14°56	28°31	14°39	5° 2	10°18	11°15	17° 2	29°37	12° 3	10°39	10°25	n.a.	F 5
S 6	10 2 28	2°35'06	6♎56	16°42	29°45	15°20	5°16	10°14	11°15	17° 4	29°38	11°55	10°36	10°32	n.a.	S 6
S 7	10 6 24	3°33'35	21°14	18°30	0♓59	16° 2	5°31	10° 9	11°15	17° 5	29°39	11°48	10°32	10°38	n.a.	S 7
M 8	10 10 21	4°32'02	5♏ 3	20°20	2°13	16°44	5°45	10° 5	11°15	17° 7	29°41	11°43	10°29	10°45	n.a.	M 8
T 9	10 14 17	5°30'28	18°23	22°11	3°28	17°25	5°59	10° 0	11°16	17° 9	29°42	11°39	10°26	10°52	n.a.	T 9
W10	10 18 14	6°28'52	1♐16	24° 4	4°42	18° 7	6°14	9°56	11°16	17°11	29°43	11°D38	10°23	10°58	n.a.	W10
T 11	10 22 10	7°27'14	13°46	25°58	5°56	18°48	6°28	9°51	11°17	17°13	29°45	11°38	10°20	11° 5	n.a.	T 11
F 12	10 26 7	8°25'35	25°57	27°54	7°10	19°29	6°42	9°47	11°17	17°14	29°46	11°39	10°17	11°12	n.a.	F 12
S 13	10 30 3	9°23'54	7♑55	29°51	8°24	20°11	6°57	9°42	11°18	17°16	29°47	11°R39	10°13	11°18	n.a.	S 13
S 14	10 34 0	10°22'11	19°46	1♓50	9°38	20°52	7°11	9°38	11°18	17°18	29°49	11°39	10°10	11°25	n.a.	S 14
M15	10 37 56	11°20'26	1♒33	3°51	10°52	21°34	7°25	9°33	11°19	17°20	29°50	11°37	10° 7	11°32	n.a.	M15
T 16	10 41 53	12°18'40	13°20	5°53	12° 6	22°15	7°40	9°29	11°20	17°22	29°51	11°32	10° 4	11°38	n.a.	T 16
W17	10 45 50	13°16'51	25°11	7°56	13°20	22°56	7°54	9°24	11°21	17°24	29°52	11°25	10° 1	11°45	n.a.	W17
T 18	10 49 46	14°15'01	7♓ 7	10° 1	14°33	23°37	8° 8	9°20	11°21	17°26	29°54	11°16	9°58	11°52	n.a.	T 18
F 19	10 53 43	15°13'09	19°12	12° 7	15°47	24°19	8°22	9°15	11°22	17°28	29°55	11° 5	9°54	11°58	n.a.	F 19
S 20	10 57 39	16°11'16	1♈25	14°14	17° 1	25° 0	8°37	9°11	11°23	17°30	29°56	10°53	9°51	12° 5	n.a.	S 20
S 21	11 1 36	17° 9'20	13°48	16°21	18°15	25°41	8°51	9° 6	11°24	17°32	29°57	10°41	9°48	12°12	n.a.	S 21
M22	11 5 32	18° 7'22	26°22	18°30	19°29	26°22	9° 5	9° 2	11°25	17°34	29°58	10°31	9°45	12°18	n.a.	M22
T 23	11 9 29	19° 5'23	9♉ 7	20°39	20°43	27° 3	9°19	8°58	11°26	17°36	29°59	10°22	9°42	12°25	n.a.	T 23
W24	11 13 25	20° 3'21	22° 5	22°48	21°57	27°44	9°34	8°53	11°27	17°38	0♒ 1	10°17	9°38	12°32	n.a.	W24
T 25	11 17 22	21° 1'18	5♊17	24°58	23°11	28°25	9°48	8°49	11°29	17°40	0° 2	10°14	9°35	12°38	n.a.	T 25
F 26	11 21 18	21°59'12	18°46	27° 7	24°25	29° 6	10° 2	8°44	11°30	17°42	0° 3	10°D13	9°32	12°45	n.a.	F 26
S 27	11 25 15	22°57'05	2♋34	29°15	25°39	29°47	10°16	8°40	11°31	17°44	0° 4	10°R13	9°29	12°52	n.a.	S 27
S 28	11 29 12	23°54'56	16°40	1♈23	26°52	0♑28	10°30	8°36	11°32	17°46	0° 5	10°13	9°26	12°58	n.a.	S 28
M29	11 33 8	24°52'44	1♌ 5	3°30	28° 6	1° 8	10°44	8°32	11°34	17°48	0° 6	10°12	9°23	13° 5	n.a.	M29
T 30	11 37 5	25°50'31	15°47	5°35	29°20	1°49	10°58	8°27	11°35	17°50	0° 7	10° 8	9°19	13°12	n.a.	T 30
W31	11 41 1	26♓48'16	0♍40	7♈39	0♈34	2♑30	11♓12	8♍23	11♊37	17♈52	0♒ 8	10♋ 2	9♋16	13♒18	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	12s29	22n54	0n51	20s44	2s15	15s14	1s25	22s51	0s14	11s20	1s15	10n18	2n47	22n45	0n14	4n57	1s59	34s 7	13s52	23n16	23n24	20s28			n.a.
T 2	12 8	20 58	2 8	20 17	2 16	14 48	1 25	22 58	0 16	11 15	1 15	10 19	2 47	22 45	0 14	4 57	1 58	34 7	13 52	23 17	23 25	20 27			n.a.
W 3	11 47	17 32	3 17	19 49	2 16	14 23	1 25	23 4	0 17	11 10	1 15	10 21	2 47	22 45	0 14	4 58	1 58	34 7	13 52	23 17	23 25	20 26			n.a.
T 4	11 26	12 55	4 12	19 18	2 15	13 57	1 24	23 11	0 18	11 4	1 15	10 23	2 48	22 45	0 14	4 59	1 58	34 7	13 52	23 17	23 25	20 25			n.a.
F 5	11 5	7 33	4 49	18 46	2 14	13 30	1 24	23 17	0 20	10 59	1 15	10 25	2 48	22 45	0 14	4 59	1 58	34 7	13 53	23 18	23 25	20 24			n.a.
S 6	10 44	1 52	5 6	18 12	2 12	13 3	1 24	23 23	0 21	10 54	1 15	10 27	2 48	22 45	0 14	5 0	1 58	34 6	13 53	23 19	23 26	20 23			n.a.
S 7	10 23	3s45	5 3	17 36	2 10	12 36	1 23	23 29	0 22	10 48	1 15	10 28	2 48	22 45	0 14	5 1	1 58	34 6	13 53	23 20	23 26	20 22			n.a.
M 8	10 1	9 0	4 42	16 58	2 7	12 9	1 23	23 35	0 24	10 43	1 15	10 30	2 48	22 45	0 14	5 1	1 58	34 6	13 53	23 20	23 26	20 20			n.a.
T 9	9 39	13 39	4 7	16 18	2 3	11 41	1 22	23 40	0 25	10 38	1 15	10 32	2 48	22 46	0 14	5 2	1 58	34 6	13 53	23 20	23 26	20 19			n.a.
W10	9 17	17 31	3 20	15 36	1 59	11 13	1 21	23 46	0 27	10 32	1 15	10 34	2 48	22 46	0 14	5 3	1 58	34 6	13 54	23 20	23 27	20 18			n.a.
T 11	8 55	20 28	2 24	14 53	1 55	10 45	1 21	23 51	0 28	10 27	1 15	10 35	2 48	22 46	0 14	5 4	1 58	34 6	13 54	23 20	23 27	20 17			n.a.
F 12	8 33	22 24	1 23	14 8	1 50	10 16	1 20	23 56	0 30	10 21	1 15	10 37	2 48	22 46	0 14	5 4	1 58	34 6	13 54	23 20	23 27	20 16			n.a.
S 13	8 11	23 17	0 20	13 21	1 44	9 47	1 19	24 0	0 31	10 16	1 15	10 39	2 48	22 46	0 14	5 5	1 58	34 6	13 54	23 20	23 27	20 15			n.a.
S 14	7 49	23 5	0s43	12 32	1 38	9 18	1 18	24 5	0 32	10 11	1 15	10 41	2 48	22 46	0 14	5 6	1 58	34 6	13 55	23 20	23 28	20 13			n.a.
M15	7 26	21 52	1 44	11 41	1 32	8 49	1 17	24 9	0 34	10 5	1 15	10 43	2 48	22 46	0 14	5 7	1 58	34 6	13 55	23 21	23 28	20 12			n.a.
T 16	7 4	19 41	2 41	10 49	1 24	8 19	1 16	24 13	0 35	10 0	1 15	10 44	2 48	22 46	0 14	5 7	1 58	34 5	13 55	23 21	23 28	20 11			n.a.
W17	6 41	16 39	3 31	9 55	1 17	7 49	1 15	24 17	0 37	9 54	1 15	10 46	2 48	22 46	0 14	5 8	1 58	34 5	13 55	23 22	23 28	20 10			n.a.
T 18	6 18	12 55	4 11	9 0	1 9	7 19	1 14	24 21	0 39	9 49	1 15	10 48	2 48	22 46	0 14	5 9	1 58	34 5	13 56	23 22	23 29	20 9			n.a.
F 19	5 55	8 39	4 41	8 4	1 0	6 49	1 13	24 24	0 40	9 44	1 15	10 49	2 48	22 46	0 14	5 10	1 58	34 5	13 56	23 23	23 29	20 7			n.a.
S 20	5 33	3 59	4 59	7 6	0 51	6 18	1 12	24 27	0 42	9 38	1 15	10 51	2 48	22 47	0 14	5 11	1 58	34 5	13 56	23 24	23 29	20 6			n.a.
S 21	5 10	0n54	5 2	6 7	0 41	5 48	1 10	24 30	0 43	9 33	1 15	10 53	2 48	22 47	0 14	5 11	1 58	34 5	13 56	23 25	23 29	20 5			n.a.
M22	4 47	5 50	4 51	5 7	0 32	5 17	1 9	24 33	0 45	9 27	1 15	10 55	2 48	22 47	0 14	5 12	1 58	34 5	13 57	23 26	23 30	20 4			n.a.
T 23	4 23	10 35	4 26	4 6	0 21	4 46	1 8	24 36	0 46	9 22	1 15	10 56	2 48	22 47	0 14	5 13	1 58	34 5	13 57	23 27	23 30	20 3			n.a.
W24	4 0	14 58	3 46	3 4	0 11	4 16	1 6	24 38	0 48	9 16	1 15	10 58	2 48	22 47	0 14	5 14	1 57	34 5	13 57	23 27	23 30	20 1			n.a.
T 25	3 37	18 42	2 54	2 3	0 0	3 44	1 5	24 41	0 50	9 11	1 15	11 0	2 48	22 47	0 14	5 15	1 57	34 5	13 58	23 27	23 30	20 0			n.a.
F 26	3 14	21 32	1 51	1 1	0n10	3 13	1 3	24 43	0 51	9 6	1 15	11 1	2 48	22 47	0 14	5 16	1 57	34 5	13 58	23 28	23 31	19 59			n.a.
S 27	2 51	23 10	0 41	0n 1	0 21	2 42	1 2	24 45	0 53	9 0	1 15	11 3	2 48	22 48	0 14	5 16	1 57	34 5	13 58	23 28	23 31	19 58			n.a.
S 28	2 27	23 22	0n34	1 3	0 32	2 11	1 0	24 46	0 55	8 55	1 15	11 4	2 48	22 48	0 14	5 17	1 57	34 5	13 58	23 28	23 31	19 56			n.a.
M29	2 4	22 2	1 48	2 4	0 43	1 39	0 58	24 48	0 56	8 49	1 15	11 6	2 48	22 48	0 14	5 18	1 57	34 5	13 59	23 28	23 31	19 55			n.a.
T 30	1 41	19 11	2 57	3 4	0 53	1 8	0 57	24 49	0 58	8 44	1 15	11 8	2 48	22 48	0 14	5 19	1 57	34 5	13 59	23 28	23 32	19 54			n.a.
W31	1s18	15n 4	3n54	4n 3	1n 3	0s36	0s55	24s50	1s 0	8s39	1s15	11n 9	2n48	22n48	0n14	5n20	1s57	34s 6	13s59	23n28	23n32	19s53			n.a.

Julian Day Number = 1207940.5, Delta T = 09h15m53s
Ecliptic obliquity = 23°51'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'26, Lahiri = -23°21'26 Julian Calendar 1 March 1406 BCE == Greg. Calendar 16 Feb. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

APRIL 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 44 58	27♓45'59	15♍37	9♈41	1♈48	3♑10	11♓26	8°R19	11♊38	17♈54	0♒ 9	9°R53	9♋13	13♒25	n.a.	T 1
F 2	11 48 54	28°43'40	0♎28	11°40	3° 1	3°51	11°40	8♍15	11°40	17°56	0°10	9♋42	9°10	13°32	n.a.	F 2
S 3	11 52 51	29°41'20	15° 6	13°37	4°15	4°31	11°54	8°11	11°42	17°59	0°11	9°31	9° 7	13°38	n.a.	S 3
S 4	11 56 47	0♈38'59	29°23	15°32	5°29	5°12	12° 8	8° 7	11°43	18° 1	0°12	9°21	9° 3	13°45	n.a.	S 4
M 5	12 0 44	1°36'36	13♏14	17°24	6°43	5°52	12°22	8° 3	11°45	18° 3	0°13	9°12	9° 0	13°52	n.a.	M 5
T 6	12 4 41	2°34'12	26°37	19°13	7°56	6°32	12°36	7°59	11°47	18° 5	0°14	9° 6	8°57	13°58	n.a.	T 6
W 7	12 8 37	3°31'47	9♐33	20°59	9°10	7°13	12°50	7°55	11°49	18° 7	0°14	9° 2	8°54	14° 5	n.a.	W 7
T 8	12 12 34	4°29'20	22° 6	22°42	10°24	7°53	13° 3	7°51	11°50	18° 9	0°15	9° 0	8°51	14°12	n.a.	T 8
F 9	12 16 30	5°26'53	4♑19	24°22	11°37	8°33	13°17	7°48	11°52	18°12	0°16	9° 0	8°48	14°18	n.a.	F 9
S 10	12 20 27	6°24'25	16°19	25°59	12°51	9°13	13°31	7°44	11°54	18°14	0°17	9° 0	8°44	14°25	n.a.	S 10
S 11	12 24 23	7°21'55	28°10	27°32	14° 5	9°53	13°45	7°40	11°56	18°16	0°18	8°59	8°41	14°32	n.a.	S 11
M12	12 28 20	8°19'25	9♒58	29° 2	15°19	10°33	13°58	7°37	11°58	18°18	0°18	8°56	8°38	14°38	n.a.	M12
T 13	12 32 16	9°16'53	21°47	0♉29	16°32	11°13	14°12	7°33	12° 0	18°20	0°19	8°51	8°35	14°45	n.a.	T 13
W14	12 36 13	10°14'20	3♓43	1°52	17°46	11°52	14°25	7°30	12° 3	18°23	0°20	8°43	8°32	14°52	n.a.	W14
T 15	12 40 10	11°11'47	15°46	3°12	19° 0	12°32	14°39	7°26	12° 5	18°25	0°21	8°33	8°29	14°58	n.a.	T 15
F 16	12 44 6	12° 9'12	28° 1	4°28	20°13	13°11	14°52	7°23	12° 7	18°27	0°21	8°21	8°25	15° 5	n.a.	F 16
S 17	12 48 3	13° 6'36	10♈28	5°41	21°27	13°51	15° 6	7°20	12° 9	18°29	0°22	8° 7	8°22	15°12	n.a.	S 17
S 18	12 51 59	14° 3'59	23° 7	6°51	22°40	14°30	15°19	7°17	12°11	18°32	0°22	7°55	8°19	15°18	n.a.	S 18
M19	12 55 56	15° 1'21	5♉59	7°56	23°54	15° 9	15°33	7°14	12°14	18°34	0°23	7°43	8°16	15°25	n.a.	M19
T 20	12 59 52	15°58'41	19° 3	8°58	25° 8	15°48	15°46	7°11	12°16	18°36	0°24	7°34	8°13	15°32	n.a.	T 20
W21	13 3 49	16°56'01	2♊17	9°56	26°21	16°27	15°59	7° 8	12°19	18°38	0°24	7°27	8° 9	15°38	n.a.	W21
T 22	13 7 45	17°53'20	15°43	10°51	27°35	17° 6	16°12	7° 5	12°21	18°41	0°25	7°24	8° 6	15°45	n.a.	T 22
F 23	13 11 42	18°50'37	29°20	11°41	28°49	17°45	16°25	7° 2	12°24	18°43	0°25	7°22	8° 3	15°52	n.a.	F 23
S 24	13 15 39	19°47'53	13♋ 9	12°27	0♉ 2	18°24	16°38	6°59	12°26	18°45	0°26	7°22	8° 0	15°58	n.a.	S 24
S 25	13 19 35	20°45'08	27°10	13°10	1°16	19° 2	16°51	6°56	12°29	18°47	0°26	7°22	7°57	16° 5	n.a.	S 25
M26	13 23 32	21°42'22	11♌23	13°48	2°29	19°41	17° 4	6°54	12°31	18°50	0°27	7°21	7°54	16°12	n.a.	M26
T 27	13 27 28	22°39'34	25°46	14°21	3°43	20°19	17°17	6°51	12°34	18°52	0°27	7°18	7°50	16°19	n.a.	T 27
W28	13 31 25	23°36'46	10♍17	14°51	4°56	20°57	17°30	6°49	12°37	18°54	0°27	7°12	7°47	16°25	n.a.	W28
T 29	13 35 21	24°33'56	24°50	15°16	6°10	21°35	17°43	6°47	12°39	18°56	0°28	7° 3	7°44	16°32	n.a.	T 29
F 30	13 39 18	25♈31'06	9♎19	15♉36	7♉23	22♑13	17♓56	6♍44	12♊42	18♈58	0♒28	6♋54	7♋41	16♒39	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s54	9n59	4n35	5n 1	1n13	0s 5	0s53	24s51	1s 1	8s33	1s15	11n11	2n48	22n49	0n14	5n21	1s57	34s 6	14s 0	23n29	23n32	19s51		n.a.
F 2	0 31	4 20	4 57	5 58	1 23	0n27	0 51	24 51	1 3	8 28	1 15	11 12	2 48	22 49	0 14	5 21	1 57	34 6	14 0	23 30	23 32	19 50		n.a.
S 3	0 8	1s27	5 0	6 53	1 32	0 58	0 49	24 52	1 5	8 22	1 15	11 14	2 47	22 49	0 14	5 22	1 57	34 6	14 0	23 31	23 32	19 49		n.a.
S 4	0n16	7 2	4 43	7 46	1 41	1 29	0 47	24 52	1 7	8 17	1 15	11 15	2 47	22 49	0 14	5 23	1 57	34 6	14 1	23 31	23 33	19 48		n.a.
M 5	0 39	12 7	4 10	8 37	1 49	2 1	0 45	24 52	1 9	8 12	1 15	11 16	2 47	22 50	0 14	5 24	1 57	34 6	14 1	23 32	23 33	19 46		n.a.
T 6	1 2	16 26	3 24	9 26	1 56	2 32	0 43	24 52	1 10	8 6	1 15	11 18	2 47	22 50	0 14	5 25	1 57	34 6	14 1	23 32	23 33	19 45		n.a.
W 7	1 26	19 49	2 29	10 14	2 3	3 4	0 41	24 52	1 12	8 1	1 16	11 19	2 47	22 50	0 14	5 26	1 57	34 6	14 1	23 33	23 33	19 44		n.a.
T 8	1 49	22 9	1 28	10 59	2 10	3 35	0 39	24 51	1 14	7 56	1 16	11 21	2 47	22 50	0 14	5 27	1 57	34 6	14 2	23 33	23 34	19 42		n.a.
F 9	2 12	23 23	0 25	11 42	2 15	4 6	0 37	24 50	1 16	7 50	1 16	11 22	2 47	22 51	0 14	5 27	1 57	34 6	14 2	23 33	23 34	19 41		n.a.
S 10	2 35	23 29	0s39	12 22	2 20	4 38	0 35	24 50	1 18	7 45	1 16	11 23	2 47	22 51	0 14	5 28	1 57	34 6	14 2	23 33	23 34	19 40		n.a.
S 11	2 58	22 31	1 40	13 1	2 24	5 9	0 33	24 49	1 20	7 40	1 16	11 24	2 47	22 51	0 14	5 29	1 57	34 7	14 3	23 33	23 34	19 38		n.a.
M12	3 21	20 34	2 36	13 37	2 27	5 40	0 31	24 47	1 22	7 35	1 16	11 26	2 46	22 51	0 14	5 30	1 57	34 7	14 3	23 33	23 34	19 37		n.a.
T 13	3 44	17 43	3 26	14 10	2 30	6 10	0 29	24 46	1 23	7 29	1 16	11 27	2 46	22 52	0 14	5 31	1 57	34 7	14 3	23 34	23 35	19 36		n.a.
W14	4 7	14 8	4 7	14 42	2 32	6 41	0 26	24 44	1 25	7 24	1 16	11 28	2 46	22 52	0 14	5 32	1 57	34 7	14 4	23 34	23 35	19 34		n.a.
T 15	4 30	9 57	4 37	15 11	2 33	7 12	0 24	24 42	1 27	7 19	1 16	11 29	2 46	22 52	0 14	5 33	1 57	34 7	14 4	23 35	23 35	19 33		n.a.
F 16	4 53	5 18	4 55	15 37	2 33	7 42	0 22	24 40	1 29	7 14	1 16	11 30	2 46	22 52	0 14	5 33	1 57	34 7	14 4	23 36	23 35	19 32		n.a.
S 17	5 16	0 22	5 0	16 2	2 32	8 12	0 19	24 38	1 31	7 8	1 16	11 32	2 46	22 53	0 14	5 34	1 57	34 8	14 5	23 36	23 35	19 30		n.a.
S 18	5 39	4n40	4 50	16 24	2 30	8 42	0 17	24 36	1 33	7 3	1 16	11 33	2 46	22 53	0 14	5 35	1 57	34 8	14 5	23 37	23 36	19 29		n.a.
M19	6 1	9 35	4 25	16 44	2 28	9 12	0 15	24 34	1 35	6 58	1 16	11 34	2 45	22 53	0 14	5 36	1 57	34 8	14 6	23 38	23 36	19 28		n.a.
T 20	6 24	14 10	3 46	17 1	2 25	9 42	0 12	24 31	1 37	6 53	1 17	11 35	2 45	22 54	0 14	5 37	1 57	34 8	14 6	23 38	23 36	19 26		n.a.
W21	6 46	18 8	2 54	17 16	2 21	10 11	0 10	24 28	1 39	6 48	1 17	11 36	2 45	22 54	0 14	5 38	1 57	34 8	14 6	23 39	23 36	19 25		n.a.
T 22	7 8	21 13	1 52	17 29	2 16	10 41	0 8	24 25	1 41	6 43	1 17	11 37	2 45	22 54	0 14	5 39	1 57	34 9	14 7	23 39	23 36	19 24		n.a.
F 23	7 30	23 9	0 42	17 39	2 10	11 10	0 5	24 22	1 43	6 37	1 17	11 37	2 45	22 55	0 14	5 40	1 57	34 9	14 7	23 39	23 37	19 22		n.a.
S 24	7 52	23 42	0n31	17 48	2 3	11 38	0 3	24 19	1 45	6 32	1 17	11 38	2 45	22 55	0 14	5 40	1 57	34 9	14 7	23 39	23 37	19 21		n.a.
S 25	8 14	22 46	1 43	17 54	1 55	12 7	0 0	24 15	1 48	6 27	1 17	11 39	2 44	22 55	0 14	5 41	1 57	34 9	14 8	23 39	23 37	19 19		n.a.
M26	8 36	20 23	2 50	17 57	1 47	12 35	0n 2	24 12	1 50	6 22	1 17	11 40	2 44	22 56	0 14	5 42	1 57	34 10	14 8	23 39	23 37	19 18		n.a.
T 27	8 58	16 42	3 47	17 59	1 38	13 3	0 4	24 8	1 52	6 17	1 17	11 41	2 44	22 56	0 14	5 43	1 57	34 10	14 8	23 39	23 37	19 17		n.a.
W28	9 19	11 59	4 30	17 58	1 27	13 30	0 7	24 4	1 54	6 12	1 17	11 41	2 44	22 56	0 14	5 44	1 57	34 10	14 9	23 40	23 38	19 15		n.a.
T 29	9 41	6 35	4 55	17 55	1 16	13 57	0 9	24 0	1 56	6 7	1 17	11 42	2 44	22 57	0 14	5 45	1 57	34 10	14 9	23 40	23 38	19 14		n.a.
F 30	10n 2	0n51	5n 2	17n50	1n 5	14n24	0n12	23s56	1s58	6s 2	1s18	11n43	2n43	22n57	0n14	5n46	1s57	34s11	14s 9	23n41	23n38	19s12		n.a.

Julian Day Number = 1207971.5, Delta T = 09h15m51s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'22, Lahiri = -23°21'22 Julian Calendar 1 Apr. 1406 BCE == Greg. Calendar 19 March 1406 BCE

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

MAY 1406 BCE (-1405) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 43 14	26♈28'15	23♎37	15♉52	8♉37	22♊51	18♓ 8	6°R42	12♊45	19♈ 1	0♒28	6°R43	7♋38	16♒45	n.a.	S 1
S 2	13 47 11	27°25'23	7♏39	16° 4	9°50	23°28	18°21	6♍40	12°48	19° 3	0°29	6♋33	7°34	16°52	n.a.	S 2
M 3	13 51 8	28°22'30	21°20	16°11	11° 4	24° 6	18°33	6°38	12°50	19° 5	0°29	6°25	7°31	16°59	n.a.	M 3
T 4	13 55 4	29°19'37	4♐38	16°R13	12°17	24°43	18°46	6°36	12°53	19° 7	0°29	6°18	7°28	17° 5	n.a.	T 4
W 5	13 59 1	0♉16'44	17°32	16°11	13°31	25°20	18°58	6°35	12°56	19°10	0°30	6°15	7°25	17°12	n.a.	W 5
T 6	14 2 57	1°13'51	0♊ 4	16° 4	14°44	25°58	19°11	6°33	12°59	19°12	0°30	6°13	7°22	17°19	n.a.	T 6
F 7	14 6 54	2°10'57	12°19	15°54	15°58	26°34	19°23	6°31	13° 2	19°14	0°30	6°D13	7°19	17°25	n.a.	F 7
S 8	14 10 50	3° 8'03	24°20	15°39	17°11	27°11	19°35	6°30	13° 5	19°16	0°30	6°14	7°15	17°32	n.a.	S 8
S 9	14 14 47	4° 5'09	6♒13	15°20	18°24	27°48	19°47	6°28	13° 8	19°18	0°30	6°R14	7°12	17°39	n.a.	S 9
M10	14 18 44	5° 2'14	18° 3	14°58	19°38	28°24	19°59	6°27	13°11	19°21	0°30	6°13	7° 9	17°45	n.a.	M10
T 11	14 22 40	5°59'20	29°55	14°32	20°51	29° 0	20°11	6°26	13°14	19°23	0°30	6°10	7° 6	17°52	n.a.	T 11
W12	14 26 37	6°56'25	11♓54	14° 3	22° 5	29°36	20°23	6°25	13°17	19°25	0°31	6° 5	7° 3	17°59	n.a.	W12
T 13	14 30 33	7°53'30	24° 4	13°33	23°18	0♒12	20°35	6°23	13°21	19°27	0°31	5°58	7° 0	18° 5	n.a.	T 13
F 14	14 34 30	8°50'36	6♈27	13° 0	24°31	0°48	20°46	6°23	13°24	19°29	0°R31	5°49	6°56	18°12	n.a.	F 14
S 15	14 38 26	9°47'41	19° 6	12°26	25°45	1°23	20°58	6°22	13°27	19°31	0°31	5°39	6°53	18°19	n.a.	S 15
S 16	14 42 23	10°44'46	2♉ 2	11°51	26°58	1°58	21°10	6°21	13°30	19°33	0°31	5°30	6°50	18°25	n.a.	S 16
M17	14 46 19	11°41'51	15°13	11°16	28°12	2°33	21°21	6°20	13°33	19°36	0°30	5°21	6°47	18°32	n.a.	M17
T 18	14 50 16	12°38'56	28°38	10°41	29°25	3° 8	21°33	6°20	13°37	19°38	0°30	5°14	6°44	18°39	n.a.	T 18
W19	14 54 13	13°36'01	12♊16	10° 7	0♊38	3°43	21°44	6°19	13°40	19°40	0°30	5°10	6°40	18°45	n.a.	W19
T 20	14 58 9	14°33'05	26° 4	9°35	1°52	4°17	21°55	6°19	13°43	19°42	0°30	5° 8	6°37	18°52	n.a.	T 20
F 21	15 2 6	15°30'10	10♋ 0	9° 5	3° 5	4°51	22° 6	6°18	13°47	19°44	0°30	5°D 8	6°34	18°59	n.a.	F 21
S 22	15 6 2	16°27'14	24° 2	8°38	4°18	5°25	22°17	6°18	13°50	19°46	0°30	5° 8	6°31	19° 5	n.a.	S 22
S 23	15 9 59	17°24'18	8♌ 8	8°14	5°32	5°58	22°28	6°18	13°53	19°48	0°30	5° 9	6°28	19°12	n.a.	S 23
M24	15 13 55	18°21'22	22°19	7°53	6°45	6°32	22°39	6°D18	13°57	19°50	0°29	5°R10	6°25	19°19	n.a.	M24
T 25	15 17 52	19°18'25	6♍31	7°37	7°58	7° 5	22°50	6°18	14° 0	19°52	0°29	5° 8	6°21	19°26	n.a.	T 25
W26	15 21 48	20°15'28	20°43	7°24	9°12	7°37	23° 0	6°18	14° 4	19°54	0°29	5° 5	6°18	19°32	n.a.	W26
T 27	15 25 45	21°12'31	4♎52	7°16	10°25	8°10	23°11	6°19	14° 7	19°56	0°29	5° 0	6°15	19°39	n.a.	T 27
F 28	15 29 42	22° 9'34	18°54	7°D13	11°38	8°42	23°21	6°19	14°11	19°58	0°28	4°54	6°12	19°46	n.a.	F 28
S 29	15 33 38	23° 6'38	2♏46	7°15	12°51	9°14	23°32	6°19	14°14	20° 0	0°28	4°48	6° 9	19°52	n.a.	S 29
S 30	15 37 35	24° 3'41	16°24	7°22	14° 5	9°46	23°42	6°20	14°18	20° 2	0°28	4°41	6° 6	19°59	n.a.	S 30
M31	15 41 31	25♉ 0'45	29♏46	7♉34	15♊18	10♒17	23♓52	6♍21	14♊21	20♈ 4	0♒27	4♋36	6♋ 2	20♒ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n23	4s51	4n49	17n43	0n52	14n51	0n14	23s52	2s 0	5s57	1s18	11n43	2n43	22n58	0n14	5n46	1s57	34s11	14s10	23n41	23n38	19s11		n.a.
S 2	10 44	10 14	4 19	17 33	0 39	15 17	0 17	23 47	2 3	5 53	1 18	11 44	2 43	22 58	0 14	5 47	1 57	34 11	14 10	23 42	23 38	19 10		n.a.
M 3	11 5	14 57	3 35	17 22	0 25	15 43	0 19	23 43	2 5	5 48	1 18	11 45	2 43	22 58	0 14	5 48	1 57	34 11	14 11	23 42	23 39	19 8		n.a.
T 4	11 26	18 49	2 40	17 8	0 10	16 8	0 21	23 38	2 7	5 43	1 18	11 45	2 43	22 59	0 14	5 49	1 57	34 12	14 11	23 42	23 39	19 7		n.a.
W 5	11 46	21 38	1 38	16 53	0s 5	16 33	0 24	23 34	2 9	5 38	1 18	11 46	2 42	22 59	0 14	5 50	1 57	34 12	14 11	23 43	23 39	19 5		n.a.
T 6	12 6	23 19	0 33	16 36	0 21	16 58	0 26	23 29	2 11	5 33	1 18	11 46	2 42	22 59	0 14	5 51	1 57	34 12	14 12	23 43	23 39	19 4		n.a.
F 7	12 26	23 49	0s33	16 18	0 37	17 22	0 29	23 24	2 14	5 28	1 18	11 46	2 42	23 0	0 14	5 51	1 57	34 13	14 12	23 43	23 39	19 2		n.a.
S 8	12 46	23 11	1 35	15 58	0 53	17 45	0 31	23 19	2 16	5 24	1 19	11 47	2 42	23 0	0 14	5 52	1 57	34 13	14 12	23 43	23 39	19 1		n.a.
S 9	13 6	21 31	2 33	15 36	1 10	18 9	0 33	23 13	2 18	5 19	1 19	11 47	2 42	23 1	0 14	5 53	1 57	34 13	14 13	23 43	23 40	18 59		n.a.
M10	13 26	18 55	3 24	15 14	1 27	18 31	0 36	23 8	2 21	5 14	1 19	11 48	2 41	23 1	0 14	5 54	1 57	34 14	14 13	23 43	23 40	18 58		n.a.
T 11	13 45	15 32	4 7	14 50	1 43	18 54	0 38	23 3	2 23	5 10	1 19	11 48	2 41	23 1	0 14	5 55	1 57	34 14	14 13	23 43	23 40	18 56		n.a.
W12	14 4	11 30	4 39	14 26	2 0	19 15	0 40	22 57	2 25	5 5	1 19	11 48	2 41	23 2	0 14	5 56	1 57	34 14	14 14	23 43	23 40	18 55		n.a.
T 13	14 23	6 57	4 59	14 2	2 16	19 37	0 43	22 52	2 28	5 0	1 19	11 48	2 41	23 2	0 14	5 56	1 57	34 15	14 14	23 43	23 40	18 53		n.a.
F 14	14 42	2 3	5 5	13 37	2 31	19 57	0 45	22 46	2 30	4 56	1 19	11 48	2 40	23 3	0 14	5 57	1 57	34 15	14 15	23 44	23 40	18 52		n.a.
S 15	15 0	3n 3	4 57	13 13	2 46	20 18	0 47	22 41	2 32	4 51	1 20	11 49	2 40	23 3	0 14	5 58	1 57	34 15	14 15	23 44	23 41	18 50		n.a.
S 16	15 19	8 7	4 33	12 49	3 0	20 37	0 49	22 35	2 35	4 47	1 20	11 49	2 40	23 3	0 14	5 59	1 57	34 16	14 15	23 45	23 41	18 49		n.a.
M17	15 37	12 57	3 55	12 26	3 12	20 57	0 51	22 29	2 37	4 42	1 20	11 49	2 40	23 4	0 14	6 0	1 57	34 16	14 16	23 45	23 41	18 47		n.a.
T 18	15 54	17 14	3 3	12 3	3 24	21 15	0 54	22 23	2 40	4 38	1 20	11 49	2 40	23 4	0 14	6 0	1 57	34 16	14 16	23 45	23 41	18 46		n.a.
W19	16 12	20 41	2 0	11 43	3 35	21 33	0 56	22 17	2 42	4 34	1 20	11 49	2 39	23 5	0 14	6 1	1 57	34 17	14 16	23 45	23 41	18 44		n.a.
T 20	16 29	22 59	0 49	11 24	3 44	21 50	0 58	22 11	2 45	4 29	1 20	11 49	2 39	23 5	0 14	6 2	1 57	34 17	14 17	23 46	23 41	18 43		n.a.
F 21	16 46	23 55	0n26	11 7	3 52	22 7	1 0	22 5	2 47	4 25	1 20	11 48	2 39	23 5	0 14	6 3	1 57	34 18	14 17	23 46	23 42	18 41		n.a.
S 22	17 3	23 20	1 40	10 51	3 59	22 23	1 2	21 59	2 49	4 21	1 21	11 48	2 39	23 6	0 14	6 3	1 57	34 18	14 17	23 45	23 42	18 40		n.a.
S 23	17 19	21 15	2 48	10 39	4 4	22 39	1 4	21 53	2 52	4 16	1 21	11 48	2 38	23 6	0 14	6 4	1 57	34 18	14 18	23 45	23 42	18 38		n.a.
M24	17 36	17 53	3 47	10 28	4 8	22 54	1 6	21 47	2 54	4 12	1 21	11 48	2 38	23 7	0 14	6 5	1 57	34 19	14 18	23 45	23 42	18 37		n.a.
T 25	17 52	13 28	4 31	10 21	4 11	23 8	1 8	21 41	2 57	4 8	1 21	11 48	2 38	23 7	0 14	6 6	1 57	34 19	14 19	23 45	23 42	18 35		n.a.
W26	18 7	8 19	4 59	10 16	4 12	23 22	1 9	21 34	3 0	4 4	1 21	11 47	2 38	23 7	0 14	6 6	1 57	34 20	14 19	23 46	23 42	18 34		n.a.
T 27	18 23	2 45	5 9	10 13	4 11	23 35	1 11	21 28	3 2	4 0	1 21	11 47	2 37	23 8	0 14	6 7	1 57	34 20	14 19	23 46	23 43	18 32		n.a.
F 28	18 38	2s55	5 0	10 14	4 10	23 47	1 13	21 22	3 5	3 56	1 22	11 47	2 37	23 8	0 14	6 8	1 57	34 20	14 20	23 46	23 43	18 31		n.a.
S 29	18 53	8 23	4 33	10 17	4 7	23 58	1 15	21 16	3 7	3 52	1 22	11 46	2 37	23 9	0 14	6 9	1 57	34 21	14 20	23 46	23 43	18 29		n.a.
S 30	19 7	13 21	3 51	10 23	4 3	24 9	1 16	21 9	3 10	3 48	1 22	11 46	2 37	23 9	0 14	6 9	1 57	34 21	14 20	23 47	23 43	18 27		n.a.
M31	19n21	17s34	2n57	10n32	3s58	24n19	1n18	21s 3	3s12	3s44	1s22	11n45	2n36	23n10	0n14	6n10	1s57	34s22	14s21	23n47	23n43	18s26		n.a.

Julian Day Number = 1208001.5, Delta T = 09h15m49s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'18, Lahiri = -23°21'18 Julian Calendar 1 May 1406 BCE == Greg. Calendar 18 Apr. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

JUNE 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 45 28	25♉57'49	12♐49	7♉51	16♊31	10♒48	24♓ 2	6♍22	14♊25	20♈ 6	0°R27	4°R32	5♋59	20♒12	n.a.	T 1
W 2	15 49 24	26°54'54	25°34	8°14	17°44	11°19	24°12	6°22	14°28	20° 8	0♒27	4♋30	5°56	20°19	n.a.	W 2
T 3	15 53 21	27°51'59	8♑ 1	8°42	18°58	11°49	24°22	6°23	14°32	20°10	0°26	4°D30	5°53	20°26	n.a.	T 3
F 4	15 57 18	28°49'05	20°13	9°15	20°11	12°19	24°31	6°24	14°35	20°11	0°26	4°31	5°50	20°32	n.a.	F 4
S 5	16 1 14	29°46'12	2♒14	9°53	21°24	12°49	24°41	6°26	14°39	20°13	0°25	4°33	5°46	20°39	n.a.	S 5
S 6	16 5 11	0♊43'20	14° 8	10°37	22°37	13°19	24°50	6°27	14°43	20°15	0°25	4°34	5°43	20°46	n.a.	S 6
M 7	16 9 7	1°40'28	25°59	11°25	23°50	13°48	25° 0	6°28	14°46	20°17	0°24	4°35	5°40	20°52	n.a.	M 7
T 8	16 13 4	2°37'37	7♓52	12°19	25° 3	14°16	25° 9	6°30	14°50	20°19	0°24	4°R35	5°37	20°59	n.a.	T 8
W 9	16 17 0	3°34'47	19°52	13°18	26°16	14°45	25°18	6°31	14°53	20°20	0°23	4°34	5°34	21° 6	n.a.	W 9
T 10	16 20 57	4°31'57	2♈ 4	14°21	27°30	15°13	25°27	6°33	14°57	20°22	0°22	4°32	5°31	21°12	n.a.	T 10
F 11	16 24 53	5°29'09	14°32	15°30	28°43	15°40	25°36	6°34	15° 1	20°24	0°22	4°28	5°27	21°19	n.a.	F 11
S 12	16 28 50	6°26'22	27°18	16°43	29°56	16° 7	25°44	6°36	15° 4	20°25	0°21	4°24	5°24	21°26	n.a.	S 12
S 13	16 32 47	7°23'35	10♉25	18° 1	1♋ 9	16°34	25°53	6°38	15° 8	20°27	0°21	4°19	5°21	21°33	n.a.	S 13
M14	16 36 43	8°20'50	23°52	19°24	2°22	17° 0	26° 1	6°40	15°12	20°29	0°20	4°16	5°18	21°39	n.a.	M14
T 15	16 40 40	9°18'06	7♊37	20°51	3°35	17°26	26°10	6°42	15°15	20°30	0°19	4°13	5°15	21°46	n.a.	T 15
W16	16 44 36	10°15'22	21°39	22°22	4°48	17°51	26°18	6°44	15°19	20°32	0°18	4°11	5°12	21°53	n.a.	W16
T 17	16 48 33	11°12'40	5♋52	23°58	6° 1	18°16	26°26	6°47	15°23	20°34	0°18	4°D11	5° 8	21°59	n.a.	T 17
F 18	16 52 29	12° 9'58	20°13	25°37	7°14	18°41	26°34	6°49	15°27	20°35	0°17	4°11	5° 5	22° 6	n.a.	F 18
S 19	16 56 26	13° 7'17	4♌37	27°20	8°27	19° 5	26°42	6°51	15°30	20°37	0°16	4°13	5° 2	22°13	n.a.	S 19
S 20	17 0 23	14° 4'36	19° 1	29° 7	9°40	19°28	26°49	6°54	15°34	20°38	0°15	4°14	4°59	22°19	n.a.	S 20
M21	17 4 19	15° 1'57	3♍19	0♊57	10°53	19°51	26°57	6°57	15°38	20°40	0°15	4°15	4°56	22°26	n.a.	M21
T 22	17 8 16	15°59'18	17°31	2°50	12° 6	20°14	27° 4	6°59	15°41	20°41	0°14	4°R15	4°52	22°33	n.a.	T 22
W23	17 12 12	16°56'39	1♎33	4°45	13°19	20°35	27°11	7° 2	15°45	20°43	0°13	4°15	4°49	22°39	n.a.	W23
T 24	17 16 9	17°54'02	15°25	6°43	14°32	20°57	27°18	7° 5	15°49	20°44	0°12	4°13	4°46	22°46	n.a.	T 24
F 25	17 20 5	18°51'25	29° 4	8°42	15°45	21°18	27°25	7° 8	15°52	20°45	0°11	4°12	4°43	22°53	n.a.	F 25
S 26	17 24 2	19°48'50	12♏30	10°43	16°58	21°38	27°32	7°11	15°56	20°47	0°10	4°10	4°40	22°59	n.a.	S 26
S 27	17 27 58	20°46'15	25°43	12°45	18°11	21°58	27°39	7°14	16° 0	20°48	0°10	4° 8	4°37	23° 6	n.a.	S 27
M28	17 31 55	21°43'42	8♐41	14°49	19°23	22°17	27°45	7°17	16° 3	20°49	0° 9	4° 6	4°33	23°13	n.a.	M28
T 29	17 35 52	22°41'10	21°25	16°52	20°36	22°35	27°51	7°21	16° 7	20°51	0° 8	4° 6	4°30	23°20	n.a.	T 29
W30	17 39 48	23♊38'39	3♑56	18♊56	21♋49	22♒53	27♓57	7♍24	16♊11	20♈52	0♒ 7	4°D 5	4♋27	23♒26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n35	20s50	1n55	10n43	3s52	24n29	1n20	20s57	3s15	3s40	1s22	11n45	2n36	23n10	0n14	6n11	1s58	34s22	14s21	23n47	23n43	18s24		n.a.
W 2	19 49	22 59	0 49	10 57	3 45	24 38	1 21	20 51	3 18	3 36	1 23	11 44	2 36	23 10	0 14	6 11	1 58	34 22	14 21	23 47	23 43	18 23		n.a.
T 3	20 2	23 56	0s19	11 14	3 37	24 46	1 22	20 45	3 20	3 33	1 23	11 44	2 36	23 11	0 14	6 12	1 58	34 23	14 22	23 47	23 44	18 21		n.a.
F 4	20 15	23 42	1 25	11 33	3 28	24 53	1 24	20 38	3 23	3 29	1 23	11 43	2 36	23 11	0 14	6 13	1 58	34 23	14 22	23 47	23 44	18 19		n.a.
S 5	20 27	22 22	2 26	11 54	3 18	25 0	1 25	20 32	3 26	3 25	1 23	11 42	2 35	23 12	0 14	6 13	1 58	34 24	14 22	23 47	23 44	18 18		n.a.
S 6	20 40	20 3	3 20	12 17	3 8	25 5	1 26	20 26	3 28	3 21	1 23	11 42	2 35	23 12	0 14	6 14	1 58	34 24	14 23	23 47	23 44	18 16		n.a.
M 7	20 52	16 54	4 5	12 43	2 57	25 10	1 28	20 20	3 31	3 18	1 24	11 41	2 35	23 13	0 14	6 15	1 58	34 25	14 23	23 47	23 44	18 15		n.a.
T 8	21 3	13 5	4 40	13 10	2 46	25 15	1 29	20 14	3 34	3 14	1 24	11 40	2 35	23 13	0 14	6 15	1 58	34 25	14 23	23 47	23 44	18 13		n.a.
W 9	21 14	8 42	5 3	13 39	2 34	25 18	1 30	20 8	3 36	3 11	1 24	11 39	2 34	23 13	0 14	6 16	1 58	34 26	14 24	23 47	23 44	18 11		n.a.
T 10	21 25	3 56	5 13	14 10	2 22	25 21	1 31	20 2	3 39	3 7	1 24	11 39	2 34	23 14	0 14	6 17	1 58	34 26	14 24	23 47	23 45	18 10		n.a.
F 11	21 36	1n 6	5 8	14 42	2 9	25 23	1 32	19 56	3 42	3 4	1 24	11 38	2 34	23 14	0 14	6 17	1 58	34 26	14 24	23 47	23 45	18 8		n.a.
S 12	21 46	6 13	4 48	15 16	1 57	25 24	1 33	19 51	3 45	3 1	1 25	11 37	2 34	23 15	0 14	6 18	1 58	34 27	14 25	23 47	23 45	18 6		n.a.
S 13	21 56	11 12	4 13	15 51	1 43	25 25	1 34	19 45	3 47	2 58	1 25	11 36	2 33	23 15	0 14	6 18	1 58	34 27	14 25	23 47	23 45	18 5		n.a.
M14	22 5	15 47	3 24	16 26	1 30	25 25	1 34	19 40	3 50	2 54	1 25	11 35	2 33	23 16	0 14	6 19	1 58	34 28	14 25	23 47	23 45	18 3		n.a.
T 15	22 14	19 39	2 21	17 3	1 17	25 24	1 35	19 34	3 53	2 51	1 25	11 34	2 33	23 16	0 14	6 20	1 58	34 28	14 26	23 47	23 45	18 2		n.a.
W16	22 23	22 27	1 8	17 40	1 4	25 22	1 36	19 29	3 56	2 48	1 26	11 33	2 33	23 16	0 14	6 20	1 58	34 29	14 26	23 48	23 45	18 0		n.a.
T 17	22 31	23 53	0n 9	18 17	0 51	25 19	1 36	19 23	3 59	2 45	1 26	11 32	2 32	23 17	0 14	6 21	1 58	34 29	14 26	23 48	23 45	17 58		n.a.
F 18	22 39	23 45	1 27	18 54	0 38	25 16	1 37	19 18	4 1	2 42	1 26	11 31	2 32	23 17	0 14	6 21	1 58	34 30	14 26	23 48	23 46	17 57		n.a.
S 19	22 46	22 2	2 40	19 31	0 25	25 12	1 37	19 13	4 4	2 39	1 26	11 30	2 32	23 18	0 14	6 22	1 58	34 30	14 27	23 47	23 46	17 55		n.a.
S 20	22 53	18 54	3 43	20 7	0 12	25 7	1 38	19 8	4 7	2 36	1 26	11 28	2 32	23 18	0 14	6 22	1 58	34 31	14 27	23 47	23 46	17 53		n.a.
M21	23 0	14 39	4 31	20 42	0 0	25 2	1 38	19 3	4 10	2 33	1 27	11 27	2 31	23 18	0 14	6 23	1 58	34 31	14 27	23 47	23 46	17 51		n.a.
T 22	23 6	9 38	5 2	21 17	0n12	24 56	1 38	18 59	4 13	2 31	1 27	11 26	2 31	23 19	0 14	6 23	1 58	34 31	14 28	23 47	23 46	17 50		n.a.
W23	23 12	4 11	5 15	21 50	0 23	24 49	1 38	18 54	4 15	2 28	1 27	11 25	2 31	23 19	0 14	6 24	1 58	34 32	14 28	23 47	23 46	17 48		n.a.
T 24	23 18	1s25	5 10	22 22	0 33	24 41	1 38	18 50	4 18	2 25	1 27	11 23	2 31	23 20	0 14	6 24	1 59	34 32	14 28	23 47	23 46	17 46		n.a.
F 25	23 23	6 53	4 47	22 51	0 44	24 32	1 38	18 46	4 21	2 23	1 28	11 22	2 31	23 20	0 14	6 25	1 59	34 33	14 28	23 48	23 46	17 45		n.a.
S 26	23 28	11 56	4 8	23 19	0 53	24 23	1 38	18 42	4 24	2 20	1 28	11 21	2 30	23 21	0 14	6 25	1 59	34 33	14 29	23 48	23 47	17 43		n.a.
S 27	23 32	16 21	3 17	23 45	1 2	24 13	1 38	18 38	4 27	2 18	1 28	11 19	2 30	23 21	0 14	6 26	1 59	34 34	14 29	23 48	23 47	17 41		n.a.
M28	23 36	19 54	2 16	24 8	1 10	24 3	1 38	18 34	4 30	2 15	1 28	11 18	2 30	23 21	0 14	6 26	1 59	34 34	14 29	23 48	23 47	17 40		n.a.
T 29	23 39	22 25	1 10	24 28	1 17	23 51	1 37	18 30	4 33	2 13	1 29	11 16	2 30	23 22	0 14	6 27	1 59	34 35	14 29	23 48	23 47	17 38		n.a.
W30	23n42	23s47	0n 1	24n46	1n23	23n39	1n37	18s27	4s35	2s11	1s29	11n15	2n29	23n22	0n14	6n27	1s59	34s35	14s30	23n48	23n47	17s36		n.a.

Julian Day Number = 1208032.5, Delta T = 09h15m47s
Ecliptic obliquity = 23°51'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'14, Lahiri = -23°21'13 Julian Calendar 1 June 1406 BCE == Greg. Calendar 19 May 1406 BCE

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

JULY 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 43 45	24♊36'10	16♉13	21♊ 0	23♋ 2	23♒10	28♓ 3	7♍28	16♊14	20♈53	0°R 6	4♋ 6	4♋24	23♒33	n.a.	T 1
F 2	17 47 41	25°33'42	28°20	23° 4	24°15	23°27	28° 9	7°31	16°18	20°54	0♒ 5	4° 6	4°21	23°40	n.a.	F 2
S 3	17 51 38	26°31'15	10♒18	25° 7	25°27	23°43	28°15	7°35	16°22	20°55	0° 4	4° 7	4°18	23°46	n.a.	S 3
S 4	17 55 34	27°28'50	22°10	27° 9	26°40	23°59	28°20	7°39	16°25	20°56	0° 3	4° 8	4°14	23°53	n.a.	S 4
M 5	17 59 31	28°26'27	4♓ 1	29°11	27°53	24°13	28°26	7°42	16°29	20°58	0° 2	4° 8	4°11	24° 0	n.a.	M 5
T 6	18 3 28	29°24'05	15°54	1♋12	29° 5	24°27	28°31	7°46	16°33	20°59	0° 1	4° 9	4° 8	24° 6	n.a.	T 6
W 7	18 7 24	0♋21'45	27°53	3°11	0♌18	24°40	28°36	7°50	16°36	21° 0	29♑59	4°R 9	4° 5	24°13	n.a.	W 7
T 8	18 11 21	1°19'27	10♈ 4	5°10	1°31	24°53	28°41	7°54	16°40	21° 1	29°59	4° 9	4° 2	24°20	n.a.	T 8
F 9	18 15 17	2°17'10	22°31	7° 7	2°43	25° 5	28°45	7°58	16°44	21° 2	29°58	4° 9	3°58	24°26	n.a.	F 9
S 10	18 19 14	3°14'56	5♉18	9° 3	3°56	25°16	28°50	8° 3	16°47	21° 3	29°56	4° 8	3°55	24°33	n.a.	S 10
S 11	18 23 10	4°12'43	18°27	10°58	5° 8	25°26	28°54	8° 7	16°51	21° 4	29°55	4°D 8	3°52	24°40	n.a.	S 11
M12	18 27 7	5°10'32	2♊ 0	12°51	6°21	25°36	28°58	8°11	16°54	21° 4	29°54	4° 9	3°49	24°47	n.a.	M12
T 13	18 31 3	6° 8'23	15°57	14°43	7°34	25°44	29° 2	8°16	16°58	21° 5	29°53	4° 9	3°46	24°53	n.a.	T 13
W14	18 35 0	7° 6'16	0♋16	16°34	8°46	25°52	29° 6	8°20	17° 1	21° 6	29°52	4°R 9	3°43	25° 0	n.a.	W14
T 15	18 38 57	8° 4'10	14°52	18°23	9°58	25°59	29° 9	8°25	17° 5	21° 7	29°51	4° 9	3°39	25° 7	n.a.	T 15
F 16	18 42 53	9° 2'07	29°39	20°11	11°11	26° 6	29°13	8°29	17° 8	21° 8	29°50	4° 8	3°36	25°13	n.a.	F 16
S 17	18 46 50	10° 0'04	14♌29	21°58	12°23	26°11	29°16	8°34	17°12	21° 8	29°49	4° 8	3°33	25°20	n.a.	S 17
S 18	18 50 46	10°58'04	29°15	23°43	13°36	26°16	29°19	8°39	17°15	21° 9	29°47	4° 7	3°30	25°27	n.a.	S 18
M19	18 54 43	11°56'05	13♍52	25°27	14°48	26°19	29°22	8°43	17°19	21°10	29°46	4° 6	3°27	25°33	n.a.	M19
T 20	18 58 39	12°54'07	28°13	27°10	16° 0	26°22	29°24	8°48	17°22	21°11	29°45	4° 6	3°23	25°40	n.a.	T 20
W21	19 2 36	13°52'10	12♎16	28°51	17°13	26°24	29°27	8°53	17°26	21°11	29°44	4°D 6	3°20	25°47	n.a.	W21
T 22	19 6 32	14°50'16	26° 0	0♌32	18°25	26°25	29°29	8°58	17°29	21°12	29°43	4° 6	3°17	25°54	n.a.	T 22
F 23	19 10 29	15°48'23	9♏25	2°10	19°37	26°R26	29°31	9° 3	17°32	21°12	29°42	4° 6	3°14	26° 0	n.a.	F 23
S 24	19 14 25	16°46'31	22°32	3°48	20°49	26°25	29°33	9° 9	17°36	21°13	29°40	4° 7	3°11	26° 7	n.a.	S 24
S 25	19 18 22	17°44'41	5♐24	5°24	22° 1	26°24	29°34	9°14	17°39	21°13	29°39	4° 9	3° 8	26°14	n.a.	S 25
M26	19 22 19	18°42'53	18° 2	7° 0	23°14	26°22	29°36	9°19	17°42	21°14	29°38	4°10	3° 4	26°20	n.a.	M26
T 27	19 26 15	19°41'07	0♑27	8°34	24°26	26°18	29°37	9°24	17°46	21°14	29°37	4°R10	3° 1	26°27	n.a.	T 27
W28	19 30 12	20°39'23	12°42	10° 6	25°38	26°14	29°38	9°30	17°49	21°14	29°35	4°10	2°58	26°34	n.a.	W28
T 29	19 34 8	21°37'40	24°48	11°38	26°50	26°10	29°39	9°35	17°52	21°15	29°34	4° 9	2°55	26°40	n.a.	T 29
F 30	19 38 5	22°36'00	6♒48	13° 8	28° 2	26° 4	29°40	9°41	17°55	21°15	29°33	4° 7	2°52	26°47	n.a.	F 30
S 31	19 42 1	23♋34'21	18♒42	14♌37	29♌14	25♒57	29♓40	9♍46	17♊59	21♈15	29♑32	4♋ 4	2♋49	26♒54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23n45	23s58	1s 7	25n 2	1n29	23n26	1n37	18s24	4s38	2s 9	1s29	11n13	2n29	23n23	0n14	6n27	1s59	34s36	14s30	23n48	23n47	17s34			n.a.
F 2	23 47	22 59	2 10	25 14	1 34	23 13	1 36	18 21	4 41	2 7	1 29	11 12	2 29	23 23	0 15	6 28	1 59	34 36	14 30	23 48	23 47	17 33			n.a.
S 3	23 49	20 58	3 8	25 24	1 38	22 59	1 35	18 18	4 44	2 4	1 30	11 10	2 29	23 23	0 15	6 28	1 59	34 37	14 30	23 48	23 47	17 31			n.a.
S 4	23 50	18 5	3 56	25 31	1 41	22 44	1 35	18 15	4 47	2 2	1 30	11 9	2 29	23 24	0 15	6 29	1 59	34 37	14 30	23 48	23 47	17 29			n.a.
M 5	23 51	14 27	4 35	25 36	1 44	22 29	1 34	18 13	4 50	2 1	1 30	11 7	2 28	23 24	0 15	6 29	1 59	34 37	14 31	23 48	23 48	17 27			n.a.
T 6	23 51	10 16	5 1	25 38	1 46	22 13	1 33	18 11	4 52	1 59	1 30	11 5	2 28	23 24	0 15	6 29	1 59	34 38	14 31	23 48	23 48	17 26			n.a.
W 7	23 52	5 40	5 15	25 37	1 48	21 56	1 32	18 9	4 55	1 57	1 31	11 4	2 28	23 25	0 15	6 30	1 59	34 38	14 31	23 48	23 48	17 24			n.a.
T 8	23 51	0 46	5 16	25 34	1 48	21 39	1 31	18 7	4 58	1 55	1 31	11 2	2 28	23 25	0 15	6 30	1 59	34 39	14 31	23 48	23 48	17 22			n.a.
F 9	23 50	4n16	5 1	25 28	1 48	21 21	1 30	18 6	5 1	1 54	1 31	11 0	2 28	23 26	0 15	6 30	1 59	34 39	14 32	23 48	23 48	17 20			n.a.
S 10	23 49	9 15	4 32	25 20	1 48	21 3	1 29	18 4	5 3	1 52	1 31	10 58	2 27	23 26	0 15	6 31	1 59	34 40	14 32	23 48	23 48	17 19			n.a.
S 11	23 47	13 59	3 47	25 11	1 47	20 44	1 27	18 3	5 6	1 51	1 32	10 56	2 27	23 26	0 15	6 31	2 0	34 40	14 32	23 48	23 48	17 17			n.a.
M12	23 45	18 10	2 49	24 59	1 45	20 24	1 26	18 3	5 9	1 49	1 32	10 55	2 27	23 27	0 15	6 31	2 0	34 41	14 32	23 48	23 48	17 15			n.a.
T 13	23 43	21 28	1 39	24 45	1 43	20 4	1 25	18 2	5 12	1 48	1 32	10 53	2 27	23 27	0 15	6 32	2 0	34 41	14 32	23 48	23 48	17 13			n.a.
W14	23 40	23 30	0 22	24 29	1 41	19 43	1 23	18 2	5 14	1 47	1 32	10 51	2 27	23 27	0 15	6 32	2 0	34 41	14 32	23 48	23 48	17 11			n.a.
T 15	23 37	24 0	0n59	24 11	1 38	19 22	1 22	18 2	5 17	1 45	1 33	10 49	2 26	23 28	0 15	6 32	2 0	34 42	14 33	23 48	23 49	17 10			n.a.
F 16	23 33	22 49	2 17	23 52	1 34	19 0	1 20	18 2	5 19	1 44	1 33	10 47	2 26	23 28	0 15	6 32	2 0	34 42	14 33	23 48	23 49	17 8			n.a.
S 17	23 29	20 3	3 26	23 31	1 30	18 38	1 18	18 2	5 22	1 43	1 33	10 45	2 26	23 29	0 15	6 32	2 0	34 43	14 33	23 48	23 49	17 6			n.a.
S 18	23 24	15 59	4 20	23 9	1 26	18 15	1 17	18 3	5 24	1 42	1 34	10 43	2 26	23 29	0 15	6 33	2 0	34 43	14 33	23 48	23 49	17 4			n.a.
M19	23 19	11 1	4 57	22 46	1 22	17 52	1 15	18 4	5 27	1 41	1 34	10 41	2 26	23 29	0 15	6 33	2 0	34 44	14 33	23 48	23 49	17 2			n.a.
T 20	23 13	5 32	5 15	22 21	1 17	17 28	1 13	18 5	5 29	1 41	1 34	10 39	2 26	23 30	0 15	6 33	2 0	34 44	14 33	23 48	23 49	17 1			n.a.
W21	23 7	0s 8	5 14	21 55	1 11	17 4	1 11	18 7	5 31	1 40	1 34	10 37	2 25	23 30	0 15	6 33	2 0	34 44	14 33	23 48	23 49	16 59			n.a.
T 22	23 1	5 39	4 54	21 28	1 6	16 40	1 9	18 8	5 34	1 39	1 35	10 35	2 25	23 30	0 15	6 33	2 0	34 45	14 34	23 48	23 49	16 57			n.a.
F 23	22 54	10 48	4 19	21 0	1 0	16 15	1 6	18 10	5 36	1 39	1 35	10 33	2 25	23 31	0 15	6 34	2 0	34 45	14 34	23 48	23 49	16 55			n.a.
S 24	22 47	15 20	3 31	20 31	0 54	15 49	1 4	18 12	5 38	1 38	1 35	10 31	2 25	23 31	0 15	6 34	2 0	34 46	14 34	23 48	23 49	16 53			n.a.
S 25	22 40	19 5	2 33	20 1	0 48	15 23	1 2	18 15	5 40	1 38	1 35	10 29	2 25	23 31	0 15	6 34	2 0	34 46	14 34	23 48	23 49	16 51			n.a.
M26	22 32	21 51	1 28	19 30	0 41	14 57	1 0	18 17	5 42	1 37	1 36	10 26	2 25	23 32	0 15	6 34	2 0	34 46	14 34	23 48	23 49	16 50			n.a.
T 27	22 23	23 31	0 21	18 59	0 34	14 30	0 57	18 20	5 44	1 37	1 36	10 24	2 24	23 32	0 15	6 34	2 1	34 47	14 34	23 48	23 49	16 48			n.a.
W28	22 14	24 1	0s47	18 27	0 27	14 3	0 55	18 23	5 46	1 37	1 36	10 22	2 24	23 32	0 15	6 34	2 1	34 47	14 34	23 48	23 50	16 46			n.a.
T 29	22 5	23 22	1 52	17 55	0 20	13 36	0 52	18 27	5 47	1 37	1 37	10 20	2 24	23 33	0 15	6 34	2 1	34 47	14 34	23 48	23 50	16 44			n.a.
F 30	21 56	21 39	2 50	17 22	0 12	13 8	0 49	18 30	5 49	1 37	1 37	10 17	2 24	23 33	0 15	6 34	2 1	34 48	14 34	23 48	23 50	16 42			n.a.
S 31	21n46	18s59	3s41	16n49	0n 5	12n40	0n47	18s34	5s51	1s37	1s37	10n15	2n24	23n33	0n15	6n34	2s 1	34s48	14s34	23n48	23n50	16s40			n.a.

Julian Day Number = 1208062.5, Delta T = 09h15m46s
Ecliptic obliquity = 23°51'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'10, Lahiri = -23°21'09 Julian Calendar 1 July 1406 BCE == Greg. Calendar 18 June 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

AUGUST 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 45 58	24♋32'45	0♓33	16♌ 5	0♍25	25°R50	29♓41	9♍52	18♊ 2	21♈16	29°R31	4°R 1	2♋45	27♒ 0	n.a.	S 1
M 2	19 49 54	25°31'10	12°23	17°31	1°37	25♒42	29°R41	9°58	18° 5	21°16	29♉29	3♋58	2°42	27° 7	n.a.	M 2
T 3	19 53 51	26°29'38	24°16	18°57	2°49	25°33	29°41	10° 3	18° 8	21°16	29°28	3°54	2°39	27°14	n.a.	T 3
W 4	19 57 48	27°28'08	6♈15	20°21	4° 1	25°23	29°40	10° 9	18°11	21°16	29°27	3°52	2°36	27°21	n.a.	W 4
T 5	20 1 44	28°26'41	18°24	21°44	5°12	25°12	29°40	10°15	18°14	21°16	29°26	3°50	2°33	27°27	n.a.	T 5
F 6	20 5 41	29°25'16	0♉47	23° 5	6°24	25° 1	29°39	10°21	18°17	21°16	29°24	3°D50	2°29	27°34	n.a.	F 6
S 7	20 9 37	0♊23'53	13°29	24°25	7°36	24°49	29°38	10°27	18°20	21°16	29°23	3°50	2°26	27°41	n.a.	S 7
S 8	20 13 34	1°22'33	26°33	25°43	8°47	24°36	29°37	10°33	18°23	21°R16	29°22	3°52	2°23	27°47	n.a.	S 8
M 9	20 17 30	2°21'15	10♊ 3	27° 1	9°59	24°22	29°36	10°39	18°26	21°16	29°21	3°53	2°20	27°54	n.a.	M 9
T 10	20 21 27	3°19'59	24° 0	28°16	11°10	24° 8	29°34	10°45	18°29	21°16	29°19	3°55	2°17	28° 1	n.a.	T 10
W11	20 25 23	4°18'46	8♋23	29°30	12°22	23°53	29°32	10°51	18°32	21°16	29°18	3°R55	2°14	28° 7	n.a.	W11
T 12	20 29 20	5°17'35	23°10	0♍42	13°33	23°38	29°30	10°57	18°35	21°16	29°17	3°54	2°10	28°14	n.a.	T 12
F 13	20 33 17	6°16'27	8♌13	1°53	14°45	23°21	29°28	11° 3	18°37	21°16	29°16	3°51	2° 7	28°21	n.a.	F 13
S 14	20 37 13	7°15'20	23°24	3° 1	15°56	23° 5	29°26	11°10	18°40	21°16	29°14	3°47	2° 4	28°28	n.a.	S 14
S 15	20 41 10	8°14'16	8♍32	4° 8	17° 7	22°48	29°23	11°16	18°43	21°16	29°13	3°42	2° 1	28°34	n.a.	S 15
M16	20 45 6	9°13'13	23°29	5°12	18°18	22°30	29°21	11°22	18°45	21°15	29°12	3°37	1°58	28°41	n.a.	M16
T 17	20 49 3	10°12'13	8♎ 7	6°14	19°29	22°12	29°18	11°29	18°48	21°15	29°11	3°32	1°55	28°48	n.a.	T 17
W18	20 52 59	11°11'14	22°20	7°14	20°41	21°54	29°15	11°35	18°51	21°15	29° 9	3°29	1°51	28°54	n.a.	W18
T 19	20 56 56	12°10'17	6♏ 6	8°11	21°52	21°36	29°11	11°41	18°53	21°14	29° 8	3°D28	1°48	29° 1	n.a.	T 19
F 20	21 0 52	13° 9'22	19°28	9° 5	23° 3	21°17	29° 8	11°48	18°56	21°14	29° 7	3°28	1°45	29° 8	n.a.	F 20
S 21	21 4 49	14° 8'29	2♐26	9°55	24°13	20°58	29° 4	11°54	18°58	21°13	29° 6	3°29	1°42	29°15	n.a.	S 21
S 22	21 8 45	15° 7'38	15° 6	10°43	25°24	20°39	29° 0	12° 1	19° 1	21°13	29° 5	3°30	1°39	29°21	n.a.	S 22
M23	21 12 42	16° 6'49	27°29	11°27	26°35	20°20	28°56	12° 8	19° 3	21°13	29° 3	3°R32	1°35	29°28	n.a.	M23
T 24	21 16 39	17° 6'02	9♑41	12° 7	27°46	20° 0	28°52	12°14	19° 5	21°12	29° 2	3°32	1°32	29°35	n.a.	T 24
W25	21 20 35	18° 5'17	21°44	12°42	28°56	19°41	28°48	12°21	19° 8	21°11	29° 1	3°30	1°29	29°41	n.a.	W25
T 26	21 24 32	19° 4'34	3♒41	13°13	0♎ 7	19°22	28°43	12°28	19°10	21°11	29° 0	3°26	1°26	29°48	n.a.	T 26
F 27	21 28 28	20° 3'54	15°34	13°38	1°17	19° 3	28°38	12°34	19°12	21°10	28°59	3°20	1°23	29°55	n.a.	F 27
S 28	21 32 25	21° 3'15	27°25	13°58	2°28	18°44	28°33	12°41	19°15	21°10	28°58	3°12	1°20	0♓ 1	n.a.	S 28
S 29	21 36 21	22° 2'38	9♓17	14°12	3°38	18°25	28°28	12°48	19°17	21° 9	28°56	3° 2	1°16	0° 8	n.a.	S 29
M30	21 40 18	23° 2'04	21°10	14°19	4°48	18° 7	28°23	12°54	19°19	21° 8	28°55	2°52	1°13	0°15	n.a.	M30
T 31	21 44 14	24♌ 1'32	3♈ 6	14°R19	5♎59	17♒49	28♓18	13♍ 1	19♊21	21♈ 8	28♑54	2♋43	1♋10	0♓22	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	21n35	15s33	4s23	16n15	0s 3	12n12	0n44	18s38	5s52	1s37	1s37	10n13	2n24	23n33	0n15	6n34	2s 1	34s49	14s34	23n48	23n50	16s38			n.a.
M 2	21 25	11 31	4 52	15 41	0 11	11 43	0 41	18 42	5 53	1 37	1 38	10 11	2 24	23 34	0 15	6 34	2 1	34 49	14 35	23 48	23 50	16 36			n.a.
T 3	21 13	7 2	5 10	15 7	0 19	11 14	0 38	18 46	5 55	1 37	1 38	10 8	2 23	23 34	0 15	6 34	2 1	34 49	14 35	23 48	23 50	16 35			n.a.
W 4	21 2	2 16	5 14	14 32	0 27	10 45	0 35	18 51	5 56	1 38	1 38	10 6	2 23	23 34	0 15	6 34	2 1	34 50	14 35	23 48	23 50	16 33			n.a.
T 5	20 50	2n40	5 4	13 58	0 35	10 16	0 32	18 55	5 57	1 38	1 38	10 3	2 23	23 35	0 15	6 34	2 1	34 50	14 35	23 48	23 50	16 31			n.a.
F 6	20 38	7 35	4 40	13 23	0 43	9 46	0 29	19 0	5 57	1 39	1 39	10 1	2 23	23 35	0 15	6 34	2 1	34 50	14 35	23 48	23 50	16 29			n.a.
S 7	20 25	12 19	4 2	12 48	0 51	9 16	0 26	19 5	5 58	1 39	1 39	9 59	2 23	23 35	0 15	6 34	2 1	34 51	14 35	23 48	23 50	16 27			n.a.
S 8	20 12	16 38	3 11	12 14	1 0	8 46	0 23	19 10	5 59	1 40	1 39	9 56	2 23	23 36	0 15	6 34	2 1	34 51	14 35	23 48	23 50	16 25			n.a.
M 9	19 59	20 15	2 7	11 40	1 8	8 16	0 20	19 15	5 59	1 41	1 39	9 54	2 23	23 36	0 15	6 34	2 1	34 51	14 35	23 48	23 50	16 23			n.a.
T 10	19 45	22 49	0 54	11 5	1 17	7 45	0 16	19 20	5 59	1 42	1 40	9 51	2 23	23 36	0 15	6 34	2 1	34 51	14 35	23 48	23 50	16 21			n.a.
W11	19 31	24 0	0n24	10 31	1 25	7 14	0 13	19 25	5 59	1 43	1 40	9 49	2 22	23 36	0 15	6 34	2 1	34 52	14 35	23 48	23 50	16 19			n.a.
T 12	19 17	23 32	1 43	9 58	1 33	6 43	0 10	19 31	5 59	1 44	1 40	9 46	2 22	23 37	0 15	6 34	2 2	34 52	14 35	23 48	23 51	16 17			n.a.
F 13	19 2	21 22	2 56	9 25	1 42	6 12	0 6	19 36	5 59	1 45	1 40	9 44	2 22	23 37	0 15	6 34	2 2	34 52	14 35	23 48	23 51	16 15			n.a.
S 14	18 47	17 41	3 58	8 52	1 50	5 41	0 3	19 41	5 59	1 46	1 41	9 41	2 22	23 37	0 15	6 34	2 2	34 53	14 35	23 48	23 51	16 13			n.a.
S 15	18 31	12 51	4 42	8 20	1 58	5 10	0s 1	19 46	5 58	1 47	1 41	9 39	2 22	23 37	0 15	6 33	2 2	34 53	14 35	23 48	23 51	16 12			n.a.
M16	18 16	7 18	5 6	7 49	2 7	4 38	0 4	19 52	5 57	1 48	1 41	9 36	2 22	23 38	0 15	6 33	2 2	34 53	14 35	23 49	23 51	16 10			n.a.
T 17	18 0	1 28	5 10	7 18	2 15	4 7	0 8	19 57	5 56	1 50	1 41	9 34	2 22	23 38	0 15	6 33	2 2	34 53	14 35	23 49	23 51	16 8			n.a.
W18	17 43	4s17	4 55	6 48	2 23	3 35	0 12	20 2	5 55	1 51	1 42	9 31	2 22	23 38	0 15	6 33	2 2	34 54	14 35	23 49	23 51	16 6			n.a.
T 19	17 27	9 40	4 22	6 20	2 30	3 3	0 15	20 7	5 54	1 53	1 42	9 29	2 22	23 38	0 15	6 33	2 2	34 54	14 35	23 49	23 51	16 4			n.a.
F 20	17 10	14 26	3 37	5 52	2 38	2 31	0 19	20 12	5 53	1 54	1 42	9 26	2 22	23 39	0 15	6 33	2 2	34 54	14 35	23 49	23 51	16 2			n.a.
S 21	16 52	18 23	2 41	5 26	2 45	1 59	0 23	20 17	5 51	1 56	1 42	9 23	2 21	23 39	0 15	6 32	2 2	34 54	14 34	23 49	23 51	16 0			n.a.
S 22	16 35	21 23	1 38	5 1	2 52	1 27	0 26	20 22	5 49	1 58	1 42	9 21	2 21	23 39	0 15	6 32	2 2	34 54	14 34	23 49	23 51	15 58			n.a.
M23	16 17	23 17	0 33	4 39	2 59	0 55	0 30	20 26	5 47	2 0	1 43	9 18	2 21	23 39	0 15	6 32	2 2	34 55	14 34	23 49	23 51	15 56			n.a.
T 24	15 59	24 3	0s33	4 17	3 5	0 23	0 34	20 31	5 45	2 2	1 43	9 15	2 21	23 40	0 15	6 32	2 2	34 55	14 34	23 49	23 51	15 54			n.a.
W25	15 41	23 40	1 37	3 58	3 11	0s 9	0 38	20 35	5 43	2 4	1 43	9 13	2 21	23 40	0 15	6 31	2 2	34 55	14 34	23 49	23 51	15 52			n.a.
T 26	15 22	22 11	2 36	3 42	3 16	0 41	0 42	20 39	5 41	2 6	1 43	9 10	2 21	23 40	0 15	6 31	2 2	34 55	14 34	23 49	23 51	15 50			n.a.
F 27	15 3	19 44	3 27	3 27	3 21	1 13	0 46	20 43	5 38	2 8	1 43	9 7	2 21	23 40	0 15	6 31	2 2	34 55	14 34	23 49	23 51	15 48			n.a.
S 28	14 44	16 28	4 9	3 16	3 25	1 45	0 49	20 46	5 36	2 10	1 44	9 5	2 21	23 40	0 15	6 30	2 3	34 56	14 34	23 49	23 51	15 46			n.a.
S 29	14 24	12 33	4 40	3 8	3 28	2 17	0 53	20 50	5 33	2 12	1 44	9 2	2 21	23 41	0 16	6 30	2 3	34 56	14 34	23 49	23 51	15 44			n.a.
M30	14 5	8 8	5 0	3 3	3 31	2 49	0 57	20 53	5 30	2 14	1 44	8 59	2 21	23 41	0 16	6 30	2 3	34 56	14 34	23 50	23 51	15 42			n.a.
T 31	13n45	3s25	5s 6	3n 2	3s32	3s21	1s 1	20s56	5s27	2s17	1s44	8n57	2n21	23n41	0n16	6n29	2s 3	34s56	14s34	23n50	23n51	15s40			n.a.

Julian Day Number = 1208093.5, Delta T = 09h15m44s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'06, Lahiri = -23°21'05 Julian Calendar 1 Aug. 1406 BCE == Greg. Calendar 19 July 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

SEPTEMBER 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 48 11	25♌ 1'03	15♈ 7	14°R12	7♎ 9	17°R31	28°R12	13♍ 8	19♊23	21°R 7	28°R53	2°R35	1♋ 7	0♓28	n.a.	W 1
T 2	21 52 7	26° 0'36	27°17	13♍57	8°19	17♒13	28♓ 6	13°15	19°25	21♈ 6	28♉52	2♋29	1° 4	0°35	n.a.	T 2
F 3	21 56 4	27° 0'11	9♉39	13°33	9°29	16°56	28° 0	13°22	19°27	21° 5	28°51	2°25	1° 1	0°42	n.a.	F 3
S 4	22 0 1	27°59'49	22°16	13° 2	10°39	16°39	27°54	13°29	19°29	21° 4	28°50	2°23	0°57	0°48	n.a.	S 4
S 5	22 3 57	28°59'29	5♊13	12°22	11°48	16°23	27°48	13°36	19°30	21° 3	28°49	2°D23	0°54	0°55	n.a.	S 5
M 6	22 7 54	29°59'12	18°34	11°34	12°58	16° 8	27°42	13°43	19°32	21° 2	28°48	2°24	0°51	1° 2	n.a.	M 6
T 7	22 11 50	0♍58'57	2♋21	10°38	14° 8	15°53	27°35	13°50	19°34	21° 2	28°47	2°R24	0°48	1° 8	n.a.	T 7
W 8	22 15 47	1°58'44	16°35	9°35	15°17	15°38	27°29	13°57	19°36	21° 1	28°46	2°23	0°45	1°15	n.a.	W 8
T 9	22 19 43	2°58'35	1♌17	8°27	16°27	15°24	27°22	14° 4	19°37	21° 0	28°45	2°20	0°41	1°22	n.a.	T 9
F 10	22 23 40	3°58'27	16°20	7°14	17°36	15°11	27°15	14°11	19°39	20°59	28°44	2°15	0°38	1°29	n.a.	F 10
S 11	22 27 36	4°58'21	1♍36	6° 0	18°45	14°59	27° 8	14°18	19°40	20°57	28°43	2° 7	0°35	1°35	n.a.	S 11
S 12	22 31 33	5°58'18	16°56	4°45	19°54	14°47	27° 1	14°25	19°42	20°56	28°42	1°57	0°32	1°42	n.a.	S 12
M13	22 35 29	6°58'16	2♎ 7	3°33	21° 3	14°36	26°54	14°32	19°43	20°55	28°41	1°47	0°29	1°49	n.a.	M13
T 14	22 39 26	7°58'17	16°58	2°24	22°12	14°26	26°46	14°39	19°45	20°54	28°40	1°38	0°26	1°55	n.a.	T 14
W15	22 43 23	8°58'19	1♏24	1°22	23°21	14°16	26°39	14°46	19°46	20°53	28°39	1°31	0°22	2° 2	n.a.	W15
T 16	22 47 19	9°58'23	15°21	0°29	24°30	14° 7	26°31	14°53	19°47	20°52	28°38	1°26	0°19	2° 9	n.a.	T 16
F 17	22 51 16	10°58'29	28°47	29♌45	25°38	13°59	26°24	15° 0	19°48	20°51	28°37	1°23	0°16	2°16	n.a.	F 17
S 18	22 55 12	11°58'37	11♐47	29°11	26°47	13°52	26°16	15° 7	19°50	20°49	28°36	1°D23	0°13	2°22	n.a.	S 18
S 19	22 59 9	12°58'46	24°23	28°49	27°55	13°46	26° 8	15°14	19°51	20°48	28°36	1°23	0°10	2°29	n.a.	S 19
M20	23 3 5	13°58'57	6♑41	28°D39	29° 3	13°40	26° 1	15°21	19°52	20°47	28°35	1°R23	0° 6	2°36	n.a.	M20
T 21	23 7 2	14°59'10	18°46	28°40	0♏11	13°36	25°53	15°28	19°53	20°46	28°34	1°22	0° 3	2°42	n.a.	T 21
W22	23 10 58	15°59'25	0♒42	28°51	1°19	13°32	25°45	15°35	19°54	20°44	28°33	1°18	0° 0	2°49	n.a.	W22
T 23	23 14 55	16°59'41	12°34	29°14	2°27	13°29	25°37	15°42	19°55	20°43	28°32	1°11	29♊57	2°56	n.a.	T 23
F 24	23 18 52	17°59'59	24°24	29°46	3°35	13°26	25°29	15°49	19°56	20°42	28°32	1° 2	29°54	3° 2	n.a.	F 24
S 25	23 22 48	19° 0'19	6♓16	0♍26	4°42	13°25	25°21	15°57	19°56	20°40	28°31	0°50	29°51	3° 9	n.a.	S 25
S 26	23 26 45	20° 0'41	18°10	1°15	5°50	13°D24	25°13	16° 4	19°57	20°39	28°30	0°36	29°47	3°16	n.a.	S 26
M27	23 30 41	21° 1'04	0♈ 8	2°11	6°57	13°24	25° 4	16°11	19°58	20°37	28°30	0°21	29°44	3°23	n.a.	M27
T 28	23 34 38	22° 1'29	12°12	3°13	8° 4	13°25	24°56	16°18	19°58	20°36	28°29	0° 7	29°41	3°29	n.a.	T 28
W29	23 38 34	23° 1'56	24°22	4°20	9°10	13°27	24°48	16°25	19°59	20°34	28°28	29♊55	29°38	3°36	n.a.	W29
T 30	23 42 31	24♍ 2'26	6♉40	5♍32	10♏17	13♒29	24♓40	16♍32	20♊ 0	20♈33	28♉28	29♊45	29♊35	3♓43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n25	1n28	4s59	3n 5	3s32	3s53	1s 5	20s58	5s23	2s19	1s44	8n54	2n21	23n41	0n16	6n29	2s 3	34s56	14s33	23n50	23n51	15s38		n.a.
T 2	13 4	6 22	4 38	3 12	3 30	4 24	1 9	21 1	5 20	2 22	1 45	8 51	2 21	23 41	0 16	6 29	2 3	34 56	14 33	23 50	23 51	15 36		n.a.
F 3	12 44	11 6	4 4	3 23	3 27	4 56	1 13	21 3	5 17	2 24	1 45	8 48	2 21	23 42	0 16	6 28	2 3	34 56	14 33	23 50	23 51	15 34		n.a.
S 4	12 23	15 28	3 18	3 40	3 23	5 28	1 17	21 5	5 13	2 27	1 45	8 46	2 21	23 42	0 16	6 28	2 3	34 57	14 33	23 50	23 51	15 32		n.a.
S 5	12 2	19 15	2 20	4 1	3 17	5 59	1 21	21 6	5 9	2 29	1 45	8 43	2 20	23 42	0 16	6 28	2 3	34 57	14 33	23 50	23 51	15 30		n.a.
M 6	11 40	22 8	1 13	4 27	3 9	6 30	1 25	21 8	5 6	2 32	1 45	8 40	2 20	23 42	0 16	6 27	2 3	34 57	14 33	23 50	23 51	15 28		n.a.
T 7	11 19	23 50	0 0	4 58	2 58	7 2	1 29	21 9	5 2	2 35	1 45	8 37	2 20	23 42	0 16	6 27	2 3	34 57	14 33	23 50	23 51	15 26		n.a.
W 8	10 57	24 3	1n15	5 33	2 46	7 33	1 33	21 9	4 58	2 38	1 45	8 35	2 20	23 42	0 16	6 26	2 3	34 57	14 32	23 50	23 51	15 23		n.a.
T 9	10 35	22 37	2 28	6 12	2 32	8 3	1 37	21 10	4 54	2 40	1 45	8 32	2 20	23 42	0 16	6 26	2 3	34 57	14 32	23 50	23 52	15 21		n.a.
F 10	10 13	19 35	3 32	6 54	2 16	8 34	1 40	21 10	4 50	2 43	1 46	8 29	2 20	23 43	0 16	6 26	2 3	34 57	14 32	23 50	23 52	15 19		n.a.
S 11	9 51	15 9	4 22	7 38	1 59	9 5	1 44	21 10	4 46	2 46	1 46	8 26	2 20	23 43	0 16	6 25	2 3	34 57	14 32	23 51	23 52	15 17		n.a.
S 12	9 29	9 44	4 53	8 23	1 40	9 35	1 48	21 10	4 41	2 49	1 46	8 23	2 20	23 43	0 16	6 25	2 3	34 57	14 32	23 51	23 52	15 15		n.a.
M13	9 6	3 46	5 3	9 8	1 20	10 5	1 52	21 9	4 37	2 52	1 46	8 21	2 20	23 43	0 16	6 24	2 3	34 57	14 32	23 51	23 52	15 13		n.a.
T 14	8 44	2s18	4 52	9 52	1 0	10 35	1 56	21 8	4 33	2 55	1 46	8 18	2 20	23 43	0 16	6 24	2 3	34 57	14 31	23 51	23 52	15 11		n.a.
W15	8 21	8 4	4 23	10 34	0 39	11 4	2 0	21 7	4 29	2 58	1 46	8 15	2 20	23 43	0 16	6 23	2 3	34 57	14 31	23 51	23 52	15 9		n.a.
T 16	7 58	13 14	3 39	11 12	0 19	11 34	2 3	21 5	4 24	3 1	1 46	8 12	2 20	23 43	0 16	6 23	2 4	34 57	14 31	23 51	23 52	15 7		n.a.
F 17	7 35	17 34	2 44	11 46	0n 1	12 3	2 7	21 3	4 20	3 4	1 46	8 10	2 20	23 44	0 16	6 22	2 4	34 57	14 31	23 51	23 52	15 5		n.a.
S 18	7 11	20 54	1 42	12 15	0 19	12 32	2 11	21 1	4 16	3 8	1 46	8 7	2 20	23 44	0 16	6 22	2 4	34 57	14 30	23 51	23 52	15 3		n.a.
S 19	6 48	23 7	0 37	12 39	0 37	13 0	2 14	20 59	4 11	3 11	1 46	8 4	2 20	23 44	0 16	6 21	2 4	34 57	14 30	23 51	23 52	15 1		n.a.
M20	6 25	24 9	0s28	12 58	0 52	13 28	2 18	20 57	4 7	3 14	1 46	8 1	2 20	23 44	0 16	6 21	2 4	34 57	14 30	23 51	23 52	14 59		n.a.
T 21	6 1	24 1	1 31	13 11	1 7	13 56	2 21	20 54	4 2	3 17	1 46	7 58	2 20	23 44	0 16	6 20	2 4	34 57	14 30	23 51	23 52	14 56		n.a.
W22	5 37	22 46	2 29	13 19	1 20	14 24	2 25	20 51	3 58	3 20	1 46	7 56	2 20	23 44	0 16	6 20	2 4	34 57	14 30	23 51	23 52	14 54		n.a.
T 23	5 13	20 31	3 20	13 22	1 31	14 51	2 28	20 47	3 54	3 24	1 46	7 53	2 20	23 44	0 16	6 19	2 4	34 57	14 29	23 51	23 52	14 52		n.a.
F 24	4 49	17 24	4 2	13 19	1 41	15 18	2 32	20 44	3 49	3 27	1 46	7 50	2 20	23 44	0 16	6 19	2 4	34 57	14 29	23 51	23 52	14 50		n.a.
S 25	4 25	13 35	4 33	13 12	1 49	15 44	2 35	20 40	3 45	3 30	1 46	7 47	2 20	23 44	0 16	6 18	2 4	34 57	14 29	23 51	23 52	14 48		n.a.
S 26	4 1	9 14	4 53	13 1	1 55	16 11	2 38	20 36	3 41	3 33	1 46	7 44	2 20	23 44	0 16	6 17	2 4	34 57	14 29	23 52	23 52	14 46		n.a.
M27	3 37	4 31	5 0	12 45	2 1	16 36	2 41	20 32	3 36	3 37	1 46	7 42	2 20	23 45	0 16	6 17	2 4	34 57	14 28	23 52	23 52	14 44		n.a.
T 28	3 13	0n25	4 53	12 26	2 5	17 2	2 45	20 28	3 32	3 40	1 46	7 39	2 20	23 45	0 16	6 16	2 4	34 57	14 28	23 52	23 52	14 42		n.a.
W29	2 49	5 23	4 33	12 4	2 8	17 27	2 48	20 23	3 28	3 43	1 46	7 36	2 20	23 45	0 16	6 16	2 4	34 57	14 28	23 52	23 52	14 39		n.a.
T 30	2n24	10n12	4s 1	11n39	2n10	17s51	2s51	20s19	3s24	3s46	1s46	7n33	2n21	23n45	0n16	6n15	2s 4	34s56	14s28	23n52	23n52	14s37		n.a.

Julian Day Number = 1208124.5, Delta T = 09h15m42s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°28'01, Lahiri = -23°21'01 Julian Calendar 1 Sept. 1406 BCE == Greg. Calendar 19 Aug. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

OCTOBER 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 46 27	25♍ 2'57	19♉ 7	6♍48	11♏23	13♒33	24°R32	16♍39	20♊ 0	20°R31	28°R27	29°R38	29♊32	3♓49	n.a.	F 1
S 2	23 50 24	26° 3'30	1♊47	8° 8	12°30	13°37	24♓24	16°46	20° 0	20♈30	28♉26	29♊34	29°28	3°56	n.a.	S 2
S 3	23 54 20	27° 4'05	14°43	9°30	13°36	13°41	24°15	16°53	20° 1	20°28	28°26	29°32	29°25	4° 3	n.a.	S 3
M 4	23 58 17	28° 4'42	27°57	10°55	14°41	13°47	24° 7	17° 0	20° 1	20°27	28°25	29°32	29°22	4°10	n.a.	M 4
T 5	0 2 14	29° 5'21	11♋34	12°22	15°47	13°53	23°59	17° 7	20° 1	20°25	28°25	29°32	29°19	4°16	n.a.	T 5
W 6	0 6 10	0♎ 6'02	25°35	13°50	16°52	14° 0	23°51	17°14	20° 1	20°24	28°24	29°30	29°16	4°23	n.a.	W 6
T 7	0 10 7	1° 6'45	10♌ 0	15°20	17°58	14° 8	23°43	17°21	20° 2	20°22	28°24	29°27	29°12	4°30	n.a.	T 7
F 8	0 14 3	2° 7'30	24°47	16°51	19° 3	14°16	23°35	17°28	20° 2	20°21	28°24	29°20	29° 9	4°36	n.a.	F 8
S 9	0 18 0	3° 8'16	9♍50	18°23	20° 7	14°25	23°27	17°35	20°R 2	20°19	28°23	29°11	29° 6	4°43	n.a.	S 9
S 10	0 21 56	4° 9'04	25° 1	19°56	21°12	14°35	23°19	17°42	20° 2	20°17	28°23	28°59	29° 3	4°50	n.a.	S 10
M11	0 25 53	5° 9'54	10♎ 9	21°29	22°16	14°45	23°11	17°49	20° 2	20°16	28°22	28°48	29° 0	4°57	n.a.	M11
T 12	0 29 49	6°10'45	25° 3	23° 3	23°20	14°56	23° 3	17°55	20° 1	20°14	28°22	28°36	28°57	5° 3	n.a.	T 12
W13	0 33 46	7°11'37	9♏35	24°37	24°24	15° 8	22°56	18° 2	20° 1	20°12	28°22	28°27	28°53	5°10	n.a.	W13
T 14	0 37 43	8°12'31	23°39	26°11	25°27	15°20	22°48	18° 9	20° 1	20°11	28°21	28°20	28°50	5°17	n.a.	T 14
F 15	0 41 39	9°13'26	7♐13	27°45	26°30	15°33	22°41	18°16	20° 1	20° 9	28°21	28°16	28°47	5°23	n.a.	F 15
S 16	0 45 36	10°14'22	20°18	29°20	27°33	15°46	22°33	18°23	20° 0	20° 8	28°21	28°15	28°44	5°30	n.a.	S 16
S 17	0 49 32	11°15'19	2♑59	0♎54	28°36	16° 1	22°26	18°29	20° 0	20° 6	28°21	28°D15	28°41	5°37	n.a.	S 17
M18	0 53 29	12°16'17	15°19	2°29	29°38	16°15	22°18	18°36	19°59	20° 4	28°20	28°R15	28°38	5°44	n.a.	M18
T 19	0 57 25	13°17'16	27°24	4° 4	0♐40	16°31	22°11	18°43	19°59	20° 2	28°20	28°14	28°34	5°50	n.a.	T 19
W20	1 1 22	14°18'16	9♒19	5°38	1°41	16°46	22° 4	18°49	19°58	20° 1	28°20	28°11	28°31	5°57	n.a.	W20
T 21	1 5 18	15°19'16	21°10	7°13	2°42	17° 3	21°57	18°56	19°58	19°59	28°20	28° 6	28°28	6° 4	n.a.	T 21
F 22	1 9 15	16°20'18	3♓ 0	8°47	3°43	17°20	21°51	19° 3	19°57	19°57	28°20	27°57	28°25	6°10	n.a.	F 22
S 23	1 13 12	17°21'20	14°53	10°22	4°43	17°37	21°44	19° 9	19°56	19°56	28°20	27°46	28°22	6°17	n.a.	S 23
S 24	1 17 8	18°22'24	26°51	11°56	5°43	17°55	21°37	19°16	19°55	19°54	28°20	27°34	28°18	6°24	n.a.	S 24
M25	1 21 5	19°23'28	8♈57	13°31	6°42	18°13	21°31	19°22	19°55	19°52	28°20	27°20	28°15	6°31	n.a.	M25
T 26	1 25 1	20°24'33	21°12	15° 5	7°41	18°32	21°25	19°28	19°54	19°51	28°D20	27° 7	28°12	6°37	n.a.	T 26
W27	1 28 58	21°25'39	3♉35	16°39	8°40	18°51	21°19	19°35	19°53	19°49	28°20	26°56	28° 9	6°44	n.a.	W27
T 28	1 32 54	22°26'47	16° 9	18°14	9°38	19°11	21°13	19°41	19°52	19°47	28°20	26°47	28° 6	6°51	n.a.	T 28
F 29	1 36 51	23°27'55	28°52	19°48	10°35	19°31	21° 7	19°47	19°51	19°45	28°20	26°40	28° 3	6°57	n.a.	F 29
S 30	1 40 47	24°29'04	11♊45	21°22	11°32	19°52	21° 1	19°54	19°49	19°44	28°20	26°37	27°59	7° 4	n.a.	S 30
S 31	1 44 44	25♎30'15	24♊51	22♎57	12♐29	20♒13	20♓56	20♍ 0	19♊48	19♈42	28♉20	26°D36	27♊56	7♓11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2n 0	14n40	3s16	11n11	2n11	18s15	2s53	20s14	3s19	3s50	1s46	7n31	2n21	23n45	0n16	6n15	2s 4	34s56	14s27	23n52	23n52	14s35		n.a.
S 2	1 36	18 35	2 21	10 41	2 11	18 39	2 56	20 8	3 15	3 53	1 46	7 28	2 21	23 45	0 16	6 14	2 4	34 56	14 27	23 52	23 52	14 33		n.a.
S 3	1 11	21 41	1 17	10 8	2 10	19 2	2 59	20 3	3 11	3 56	1 46	7 25	2 21	23 45	0 16	6 13	2 4	34 56	14 27	23 52	23 52	14 31		n.a.
M 4	0 47	23 42	0 8	9 34	2 8	19 25	3 2	19 58	3 7	3 59	1 46	7 22	2 21	23 45	0 16	6 13	2 4	34 56	14 27	23 52	23 52	14 29		n.a.
T 5	0 22	24 24	1n 3	8 59	2 6	19 47	3 4	19 52	3 3	4 2	1 46	7 20	2 21	23 45	0 16	6 12	2 4	34 56	14 26	23 52	23 52	14 26		n.a.
W 6	0s 2	23 34	2 13	8 21	2 3	20 9	3 7	19 46	2 59	4 6	1 46	7 17	2 21	23 45	0 16	6 12	2 4	34 56	14 26	23 52	23 52	14 24		n.a.
T 7	0 27	21 12	3 16	7 43	2 0	20 30	3 9	19 40	2 55	4 9	1 45	7 14	2 21	23 45	0 16	6 11	2 4	34 55	14 26	23 52	23 51	14 22		n.a.
F 8	0 52	17 22	4 8	7 4	1 56	20 51	3 11	19 34	2 51	4 12	1 45	7 12	2 21	23 45	0 16	6 10	2 4	34 55	14 25	23 52	23 51	14 20		n.a.
S 9	1 16	12 22	4 43	6 23	1 52	21 11	3 14	19 27	2 47	4 15	1 45	7 9	2 21	23 45	0 16	6 10	2 4	34 55	14 25	23 51	23 51	14 18		n.a.
S 10	1 41	6 35	4 59	5 42	1 48	21 31	3 16	19 21	2 44	4 18	1 45	7 6	2 21	23 45	0 17	6 9	2 4	34 55	14 25	23 51	23 51	14 16		n.a.
M11	2 5	0 25	4 54	5 0	1 43	21 50	3 18	19 14	2 40	4 21	1 45	7 4	2 21	23 45	0 17	6 8	2 4	34 55	14 25	23 51	23 51	14 13		n.a.
T 12	2 30	5s42	4 29	4 18	1 38	22 9	3 19	19 7	2 36	4 24	1 45	7 1	2 21	23 45	0 17	6 8	2 4	34 55	14 24	23 51	23 51	14 11		n.a.
W13	2 54	11 21	3 47	3 35	1 32	22 27	3 21	19 0	2 32	4 27	1 45	6 58	2 21	23 45	0 17	6 7	2 4	34 54	14 24	23 51	23 51	14 9		n.a.
T 14	3 19	16 14	2 52	2 52	1 27	22 44	3 23	18 53	2 29	4 30	1 44	6 56	2 21	23 45	0 17	6 6	2 4	34 54	14 24	23 51	23 51	14 7		n.a.
F 15	3 43	20 6	1 49	2 9	1 21	23 1	3 24	18 46	2 25	4 33	1 44	6 53	2 22	23 45	0 17	6 6	2 4	34 54	14 23	23 51	23 51	14 5		n.a.
S 16	4 7	22 48	0 42	1 25	1 15	23 17	3 26	18 38	2 22	4 36	1 44	6 50	2 22	23 45	0 17	6 5	2 4	34 54	14 23	23 51	23 51	14 2		n.a.
S 17	4 32	24 15	0s25	0 41	1 9	23 33	3 27	18 31	2 18	4 38	1 44	6 48	2 22	23 45	0 17	6 5	2 4	34 53	14 23	23 51	23 51	14 0		n.a.
M18	4 56	24 26	1 29	0s 3	1 3	23 48	3 28	18 23	2 15	4 41	1 44	6 45	2 22	23 45	0 17	6 4	2 4	34 53	14 23	23 51	23 51	13 58		n.a.
T 19	5 20	23 28	2 28	0 47	0 56	24 3	3 29	18 15	2 12	4 44	1 44	6 43	2 22	23 45	0 17	6 3	2 4	34 53	14 22	23 51	23 51	13 56		n.a.
W20	5 44	21 26	3 19	1 31	0 50	24 17	3 30	18 7	2 8	4 47	1 43	6 40	2 22	23 45	0 17	6 3	2 4	34 53	14 22	23 51	23 51	13 53		n.a.
T 21	6 8	18 30	4 2	2 15	0 43	24 30	3 30	17 59	2 5	4 49	1 43	6 38	2 22	23 45	0 17	6 2	2 4	34 52	14 22	23 51	23 51	13 51		n.a.
F 22	6 32	14 49	4 34	2 59	0 37	24 43	3 31	17 51	2 2	4 52	1 43	6 35	2 22	23 45	0 17	6 1	2 4	34 52	14 21	23 51	23 51	13 49		n.a.
S 23	6 56	10 33	4 54	3 43	0 30	24 55	3 31	17 42	1 59	4 54	1 43	6 32	2 22	23 45	0 17	6 1	2 4	34 52	14 21	23 50	23 51	13 47		n.a.
S 24	7 20	5 52	5 1	4 26	0 24	25 6	3 31	17 34	1 55	4 56	1 42	6 30	2 22	23 45	0 17	6 0	2 4	34 52	14 21	23 50	23 51	13 44		n.a.
M25	7 43	0 54	4 55	5 10	0 17	25 17	3 31	17 25	1 52	4 59	1 42	6 28	2 23	23 45	0 17	5 59	2 4	34 51	14 20	23 50	23 51	13 42		n.a.
T 26	8 7	4n10	4 36	5 53	0 11	25 27	3 31	17 16	1 49	5 1	1 42	6 25	2 23	23 45	0 17	5 59	2 4	34 51	14 20	23 50	23 51	13 40		n.a.
W27	8 30	9 8	4 3	6 36	0 4	25 36	3 31	17 7	1 46	5 3	1 42	6 23	2 23	23 45	0 17	5 58	2 4	34 51	14 20	23 49	23 51	13 38		n.a.
T 28	8 53	13 48	3 18	7 19	0s 3	25 45	3 31	16 58	1 44	5 5	1 41	6 20	2 23	23 45	0 17	5 57	2 4	34 50	14 19	23 49	23 51	13 35		n.a.
F 29	9 16	17 57	2 22	8 1	0 9	25 53	3 30	16 49	1 41	5 8	1 41	6 18	2 23	23 45	0 17	5 57	2 4	34 50	14 19	23 49	23 51	13 33		n.a.
S 30	9 39	21 18	1 18	8 43	0 16	26 1	3 29	16 40	1 38	5 10	1 41	6 15	2 23	23 45	0 17	5 56	2 4	34 50	14 19	23 49	23 51	13 31		n.a.
S 31	10s 2	23n36	0s 9	9s25	0s22	26s 8	3s28	16s30	1s35	5s12	1s41	6n13	2n23	23n45	0n17	5n55	2s 4	34s49	14s19	23n49	23n51	13s29		n.a.

Julian Day Number = 1208154.5, Delta T = 09h15m40s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'57, Lahiri = -23°20'57 Julian Calendar 1 Oct. 1406 BCE == Greg. Calendar 18 Sept. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

NOVEMBER 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 48 41	26♎31'26	8♋11	24♎31	13♐25	20♒34	20°R50	20♍ 6	19°R47	19°R40	28♑20	26♊36	27♊53	7♓18	n.a.	M 1
T 2	1 52 37	27°32'38	21°46	26° 5	14°20	20°56	20♓45	20°12	19♊46	19♈39	28°20	26°R37	27°50	7°24	n.a.	T 2
W 3	1 56 34	28°33'52	5♌38	27°40	15°15	21°18	20°40	20°18	19°45	19°37	28°20	26°37	27°47	7°31	n.a.	W 3
T 4	2 0 30	29°35'06	19°48	29°14	16° 9	21°41	20°36	20°24	19°43	19°35	28°21	26°35	27°43	7°38	n.a.	T 4
F 5	2 4 27	0♏36'21	4♍14	0♏49	17° 2	22° 4	20°31	20°30	19°42	19°34	28°21	26°31	27°40	7°44	n.a.	F 5
S 6	2 8 23	1°37'37	18°54	2°24	17°55	22°27	20°26	20°36	19°40	19°32	28°21	26°24	27°37	7°51	n.a.	S 6
S 7	2 12 20	2°38'54	3♎40	3°59	18°47	22°51	20°22	20°42	19°39	19°30	28°22	26°16	27°34	7°58	n.a.	S 7
M 8	2 16 17	3°40'11	18°26	5°33	19°38	23°15	20°18	20°48	19°37	19°29	28°22	26° 7	27°31	8° 5	n.a.	M 8
T 9	2 20 13	4°41'29	3♏ 4	7° 9	20°29	23°39	20°14	20°54	19°36	19°27	28°22	25°59	27°28	8°11	n.a.	T 9
W10	2 24 10	5°42'48	17°26	8°44	21°19	24° 4	20°11	21° 0	19°34	19°25	28°23	25°52	27°24	8°18	n.a.	W10
T 11	2 28 6	6°44'06	1♐26	10°19	22° 8	24°29	20° 7	21° 5	19°32	19°24	28°23	25°47	27°21	8°25	n.a.	T 11
F 12	2 32 3	7°45'25	15° 1	11°55	22°56	24°54	20° 4	21°11	19°31	19°22	28°23	25°44	27°18	8°31	n.a.	F 12
S 13	2 35 59	8°46'44	28°10	13°31	23°43	25°20	20° 1	21°16	19°29	19°21	28°24	25°D43	27°15	8°38	n.a.	S 13
S 14	2 39 56	9°48'04	10♑55	15° 7	24°29	25°46	19°58	21°22	19°27	19°19	28°24	25°44	27°12	8°45	n.a.	S 14
M15	2 43 52	10°49'23	23°20	16°43	25°14	26°12	19°55	21°27	19°25	19°17	28°25	25°46	27° 9	8°52	n.a.	M15
T 16	2 47 49	11°50'42	5♒28	18°20	25°58	26°38	19°53	21°33	19°23	19°16	28°25	25°47	27° 5	8°58	n.a.	T 16
W17	2 51 46	12°52'00	17°26	19°56	26°42	27° 5	19°50	21°38	19°21	19°14	28°26	25°R47	27° 2	9° 5	n.a.	W17
T 18	2 55 42	13°53'19	29°18	21°33	27°24	27°32	19°48	21°43	19°19	19°13	28°26	25°45	26°59	9°12	n.a.	T 18
F 19	2 59 39	14°54'37	11♓ 9	23°10	28° 4	27°59	19°46	21°48	19°17	19°11	28°27	25°42	26°56	9°18	n.a.	F 19
S 20	3 3 35	15°55'55	23° 4	24°47	28°44	28°27	19°45	21°53	19°15	19°10	28°28	25°37	26°53	9°25	n.a.	S 20
S 21	3 7 32	16°57'13	5♈ 6	26°25	29°22	28°55	19°43	21°58	19°13	19° 8	28°28	25°30	26°49	9°32	n.a.	S 21
M22	3 11 28	17°58'30	17°19	28° 2	29°59	29°23	19°42	22° 3	19°11	19° 7	28°29	25°23	26°46	9°39	n.a.	M22
T 23	3 15 25	18°59'47	29°44	29°39	0♑35	29°51	19°41	22° 8	19° 9	19° 5	28°30	25°16	26°43	9°45	n.a.	T 23
W24	3 19 21	20° 1'04	12♉22	1♐17	1° 9	0♓20	19°40	22°13	19° 7	19° 4	28°30	25°10	26°40	9°52	n.a.	W24
T 25	3 23 18	21° 2'21	25°13	2°54	1°42	0°48	19°39	22°18	19° 5	19° 3	28°31	25° 5	26°37	9°59	n.a.	T 25
F 26	3 27 15	22° 3'38	8♊18	4°31	2°13	1°17	19°39	22°22	19° 3	19° 1	28°32	25° 2	26°34	10° 5	n.a.	F 26
S 27	3 31 11	23° 4'54	21°35	6° 8	2°43	1°46	19°39	22°27	19° 0	19° 0	28°33	25°D 1	26°30	10°12	n.a.	S 27
S 28	3 35 8	24° 6'10	5♋ 3	7°45	3°11	2°16	19°D39	22°32	18°58	18°59	28°33	25° 1	26°27	10°19	n.a.	S 28
M29	3 39 4	25° 7'26	18°42	9°21	3°37	2°45	19°39	22°36	18°56	18°57	28°34	25° 3	26°24	10°26	n.a.	M29
T 30	3 43 1	26♏ 8'42	2♌30	10♐57	4♑ 1	3♓15	19♓39	22♍40	18♊53	18♈56	28♑35	25♊ 4	26♊21	10♓32	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s24	24n38	1n 2	10s 6	0s28	26s14	3s27	16s21	1s32	5s13	1s40	6n11	2n23	23n45	0n17	5n55	2s 4	34s49	14s18	23n49	23n51	13s26		n.a.
T 2	10 47	24 13	2 10	10 47	0 35	26 19	3 25	16 11	1 30	5 15	1 40	6 8	2 24	23 44	0 17	5 54	2 4	34 49	14 18	23 49	23 51	13 24		n.a.
W 3	11 9	22 18	3 13	11 27	0 41	26 24	3 24	16 1	1 27	5 17	1 40	6 6	2 24	23 44	0 17	5 54	2 4	34 48	14 18	23 49	23 50	13 22		n.a.
T 4	11 31	19 0	4 5	12 7	0 47	26 28	3 22	15 51	1 24	5 19	1 39	6 4	2 24	23 44	0 17	5 53	2 4	34 48	14 17	23 49	23 50	13 20		n.a.
F 5	11 53	14 30	4 43	12 47	0 53	26 32	3 20	15 41	1 22	5 20	1 39	6 2	2 24	23 44	0 17	5 52	2 4	34 48	14 17	23 49	23 50	13 17		n.a.
S 6	12 15	9 6	5 3	13 26	0 58	26 35	3 18	15 31	1 19	5 22	1 39	5 59	2 24	23 44	0 17	5 52	2 4	34 47	14 17	23 49	23 50	13 15		n.a.
S 7	12 36	3 8	5 3	14 4	1 4	26 37	3 15	15 21	1 17	5 23	1 38	5 57	2 24	23 44	0 17	5 51	2 4	34 47	14 16	23 48	23 50	13 13		n.a.
M 8	12 58	3s 0	4 43	14 42	1 10	26 39	3 12	15 11	1 14	5 24	1 38	5 55	2 25	23 44	0 17	5 50	2 4	34 47	14 16	23 48	23 50	13 10		n.a.
T 9	13 19	8 56	4 4	15 19	1 15	26 40	3 9	15 0	1 12	5 26	1 38	5 53	2 25	23 44	0 17	5 50	2 4	34 46	14 16	23 48	23 50	13 8		n.a.
W10	13 39	14 17	3 11	15 55	1 20	26 40	3 6	14 50	1 10	5 27	1 38	5 51	2 25	23 44	0 17	5 49	2 4	34 46	14 15	23 48	23 50	13 6		n.a.
T 11	14 0	18 44	2 7	16 31	1 25	26 40	3 3	14 39	1 7	5 28	1 37	5 49	2 25	23 44	0 17	5 49	2 4	34 45	14 15	23 48	23 50	13 3		n.a.
F 12	14 20	22 3	0 57	17 6	1 30	26 39	2 59	14 28	1 5	5 29	1 37	5 46	2 25	23 44	0 17	5 48	2 4	34 45	14 15	23 47	23 50	13 1		n.a.
S 13	14 41	24 4	0s13	17 40	1 35	26 37	2 55	14 17	1 3	5 30	1 37	5 44	2 25	23 43	0 17	5 47	2 4	34 45	14 15	23 47	23 50	12 59		n.a.
S 14	15 0	24 45	1 21	18 14	1 39	26 35	2 51	14 6	1 0	5 31	1 36	5 42	2 26	23 43	0 17	5 47	2 4	34 44	14 14	23 47	23 50	12 56		n.a.
M15	15 20	24 10	2 24	18 46	1 43	26 33	2 46	13 55	0 58	5 32	1 36	5 40	2 26	23 43	0 17	5 46	2 4	34 44	14 14	23 47	23 50	12 54		n.a.
T 16	15 39	22 26	3 18	19 18	1 47	26 30	2 42	13 44	0 56	5 32	1 36	5 38	2 26	23 43	0 17	5 46	2 4	34 43	14 14	23 48	23 50	12 52		n.a.
W17	15 58	19 44	4 3	19 48	1 51	26 26	2 37	13 33	0 54	5 33	1 35	5 36	2 26	23 43	0 17	5 45	2 4	34 43	14 13	23 48	23 50	12 49		n.a.
T 18	16 17	16 14	4 38	20 18	1 54	26 21	2 31	13 21	0 52	5 33	1 35	5 34	2 26	23 43	0 17	5 45	2 4	34 42	14 13	23 47	23 50	12 47		n.a.
F 19	16 36	12 7	5 0	20 46	1 57	26 16	2 26	13 10	0 50	5 34	1 35	5 33	2 27	23 43	0 17	5 44	2 4	34 42	14 13	23 47	23 49	12 45		n.a.
S 20	16 54	7 31	5 9	21 14	1 59	26 11	2 20	12 58	0 48	5 34	1 34	5 31	2 27	23 42	0 17	5 44	2 4	34 42	14 12	23 47	23 49	12 42		n.a.
S 21	17 12	2 36	5 5	21 40	2 2	26 5	2 14	12 46	0 46	5 34	1 34	5 29	2 27	23 42	0 17	5 43	2 4	34 41	14 12	23 47	23 49	12 40		n.a.
M22	17 29	2n30	4 48	22 5	2 4	25 59	2 7	12 35	0 44	5 35	1 33	5 27	2 27	23 42	0 18	5 42	2 4	34 41	14 12	23 47	23 49	12 38		n.a.
T 23	17 46	7 35	4 16	22 28	2 5	25 52	2 0	12 23	0 42	5 35	1 33	5 25	2 27	23 42	0 18	5 42	2 4	34 40	14 12	23 46	23 49	12 35		n.a.
W24	18 3	12 28	3 31	22 50	2 6	25 44	1 53	12 11	0 40	5 35	1 33	5 24	2 28	23 42	0 18	5 41	2 4	34 40	14 11	23 46	23 49	12 33		n.a.
T 25	18 20	16 54	2 35	23 11	2 7	25 36	1 45	11 59	0 38	5 35	1 32	5 22	2 28	23 42	0 18	5 41	2 4	34 39	14 11	23 46	23 49	12 31		n.a.
F 26	18 36	20 36	1 30	23 30	2 7	25 28	1 37	11 47	0 37	5 34	1 32	5 20	2 28	23 41	0 18	5 40	2 4	34 39	14 11	23 46	23 49	12 28		n.a.
S 27	18 52	23 16	0 19	23 47	2 6	25 19	1 29	11 34	0 35	5 34	1 32	5 19	2 28	23 41	0 18	5 40	2 4	34 39	14 10	23 46	23 49	12 26		n.a.
S 28	19 8	24 40	0n55	24 3	2 5	25 10	1 20	11 22	0 33	5 34	1 31	5 17	2 28	23 41	0 18	5 40	2 3	34 38	14 10	23 46	23 49	12 23		n.a.
M29	19 23	24 37	2 6	24 17	2 4	25 0	1 11	11 10	0 31	5 34	1 31	5 15	2 29	23 41	0 18	5 39	2 3	34 38	14 10	23 46	23 49	12 21		n.a.
T 30	19s38	23n 3	3n11	24s29	2s 2	24s50	1s 2	10s57	0s30	5s33	1s31	5n14	2n29	23n41	0n18	5n39	2s 3	34s37	14s10	23n46	23n49	12s19		n.a.

Julian Day Number = 1208185.5, Delta T = 09h15m39s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'53, Lahiri = -23°20'53 Julian Calendar 1 Nov. 1406 BCE == Greg. Calendar 19 Oct. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1406 BCE
geocentric

DECEMBER 1406 BCE (-1405) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 46 57	27♏ 9'58	16♌28	12♐31	4♑24	3♓45	19♓40	22♍45	18°R51	18°R55	28♑36	25♊ 5	26♊18	10♓39	n.a.	W 1
T 2	3 50 54	28°11'13	0♍34	14° 4	4°45	4°15	19°41	22°49	18♊49	18♈53	28°37	25°R 6	26°15	10°46	n.a.	T 2
F 3	3 54 51	29°12'29	14°47	15°36	5° 3	4°45	19°42	22°53	18°46	18°52	28°38	25° 5	26°11	10°52	n.a.	F 3
S 4	3 58 47	0♐13'43	29° 4	17° 6	5°20	5°15	19°43	22°57	18°44	18°51	28°39	25° 3	26° 8	10°59	n.a.	S 4
S 5	4 2 44	1°14'58	13♎23	18°34	5°34	5°46	19°44	23° 1	18°41	18°50	28°40	25° 0	26° 5	11° 6	n.a.	S 5
M 6	4 6 40	2°16'12	27°39	19°59	5°47	6°17	19°46	23° 5	18°39	18°49	28°41	24°56	26° 2	11°13	n.a.	M 6
T 7	4 10 37	3°17'26	11♏48	21°21	5°57	6°48	19°48	23° 9	18°36	18°48	28°42	24°53	25°59	11°19	n.a.	T 7
W 8	4 14 33	4°18'39	25°45	22°39	6° 5	7°19	19°50	23°12	18°34	18°46	28°43	24°50	25°55	11°26	n.a.	W 8
T 9	4 18 30	5°19'51	9♐26	23°53	6°10	7°50	19°52	23°16	18°31	18°45	28°44	24°49	25°52	11°33	n.a.	T 9
F 10	4 22 27	6°21'03	22°49	25° 2	6°13	8°21	19°55	23°20	18°29	18°44	28°45	24°D48	25°49	11°40	n.a.	F 10
S 11	4 26 23	7°22'14	5♑52	26° 5	6°R14	8°53	19°57	23°23	18°26	18°43	28°46	24°48	25°46	11°46	n.a.	S 11
S 12	4 30 20	8°23'23	18°36	27° 1	6°12	9°25	20° 0	23°27	18°24	18°42	28°47	24°49	25°43	11°53	n.a.	S 12
M13	4 34 16	9°24'32	1♒ 2	27°50	6° 8	9°56	20° 3	23°30	18°21	18°41	28°48	24°51	25°40	12° 0	n.a.	M13
T 14	4 38 13	10°25'39	13°13	28°30	6° 1	10°28	20° 6	23°33	18°19	18°40	28°49	24°52	25°36	12° 6	n.a.	T 14
W15	4 42 9	11°26'45	25°13	29° 1	5°52	11° 1	20°10	23°36	18°16	18°40	28°50	24°53	25°33	12°13	n.a.	W15
T 16	4 46 6	12°27'50	7♓ 7	29°22	5°40	11°33	20°13	23°39	18°13	18°39	28°51	24°R54	25°30	12°20	n.a.	T 16
F 17	4 50 2	13°28'54	18°59	29°R32	5°25	12° 5	20°17	23°42	18°11	18°38	28°53	24°54	25°27	12°27	n.a.	F 17
S 18	4 53 59	14°29'56	0♈54	29°31	5° 8	12°38	20°21	23°45	18° 8	18°37	28°54	24°53	25°24	12°33	n.a.	S 18
S 19	4 57 56	15°30'56	12°57	29°19	4°49	13°10	20°25	23°48	18° 6	18°36	28°55	24°52	25°21	12°40	n.a.	S 19
M20	5 1 52	16°31'55	25°12	28°55	4°27	13°43	20°30	23°50	18° 3	18°36	28°56	24°51	25°17	12°47	n.a.	M20
T 21	5 5 49	17°32'53	7♉42	28°21	4° 3	14°16	20°34	23°53	18° 0	18°35	28°57	24°50	25°14	12°53	n.a.	T 21
W22	5 9 45	18°33'50	20°29	27°36	3°36	14°49	20°39	23°55	17°58	18°34	28°59	24°49	25°11	13° 0	n.a.	W22
T 23	5 13 42	19°34'45	3♊35	26°42	3° 8	15°22	20°44	23°58	17°55	18°33	29° 0	24°49	25° 8	13° 7	n.a.	T 23
F 24	5 17 38	20°35'38	17° 0	25°40	2°38	15°55	20°49	24° 0	17°52	18°33	29° 1	24°48	25° 5	13°14	n.a.	F 24
S 25	5 21 35	21°36'31	0♋42	24°33	2° 6	16°28	20°54	24° 2	17°50	18°32	29° 3	24°D48	25° 1	13°20	n.a.	S 25
S 26	5 25 32	22°37'22	14°39	23°22	1°32	17° 1	21° 0	24° 4	17°47	18°32	29° 4	24°49	24°58	13°27	n.a.	S 26
M27	5 29 28	23°38'12	28°46	22° 9	0°58	17°35	21° 5	24° 6	17°45	18°31	29° 5	24°49	24°55	13°34	n.a.	M27
T 28	5 33 25	24°39'00	13♌ 1	20°57	0°22	18° 8	21°11	24° 8	17°42	18°31	29° 7	24°R49	24°52	13°41	n.a.	T 28
W29	5 37 21	25°39'47	27°19	19°46	29♐45	18°42	21°17	24°10	17°39	18°30	29° 8	24°49	24°49	13°47	n.a.	W29
T 30	5 41 18	26°40'33	11♍36	18°40	29° 8	19°16	21°23	24°11	17°37	18°30	29° 9	24°49	24°46	13°54	n.a.	T 30
F 31	5 45 14	27♐41'18	25♍50	17♐39	28♐31	19♓49	21♓30	24♍13	17♊34	18♈29	29♑11	24°D49	24♊42	14♓ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	19s52	20n 4	4n 5	24s39	1s59	24s39	0s52	10s45	0s28	5s32	1s30	5n12	2n29	23n41	0n18	5n38	2s 3	34s37	14s 9	23n46	23n48	12s16			n.a.
T 2	20 6	15 54	4 46	24 48	1 55	24 29	0 42	10 32	0 26	5 32	1 30	5 11	2 29	23 40	0 18	5 38	2 3	34 36	14 9	23 46	23 48	12 14			n.a.
F 3	20 20	10 50	5 9	24 54	1 51	24 17	0 32	10 19	0 25	5 31	1 30	5 9	2 30	23 40	0 18	5 37	2 3	34 36	14 9	23 46	23 48	12 11			n.a.
S 4	20 33	5 9	5 13	24 58	1 46	24 6	0 21	10 6	0 23	5 30	1 29	5 8	2 30	23 40	0 18	5 37	2 3	34 35	14 9	23 46	23 48	12 9			n.a.
S 5	20 46	0s48	4 58	25 1	1 39	23 54	0 10	9 53	0 22	5 29	1 29	5 6	2 30	23 40	0 18	5 36	2 3	34 35	14 8	23 46	23 48	12 7			n.a.
M 6	20 59	6 43	4 24	25 1	1 32	23 42	0n 2	9 40	0 20	5 28	1 29	5 5	2 30	23 40	0 18	5 36	2 3	34 34	14 8	23 46	23 48	12 4			n.a.
T 7	21 11	12 14	3 35	24 59	1 24	23 30	0 14	9 27	0 18	5 27	1 28	5 4	2 31	23 39	0 18	5 36	2 3	34 34	14 8	23 46	23 48	12 2			n.a.
W 8	21 23	17 3	2 33	24 54	1 15	23 17	0 26	9 14	0 17	5 26	1 28	5 3	2 31	23 39	0 18	5 35	2 3	34 34	14 8	23 45	23 48	11 59			n.a.
T 9	21 34	20 53	1 24	24 48	1 5	23 4	0 39	9 1	0 16	5 25	1 27	5 1	2 31	23 39	0 18	5 35	2 3	34 33	14 7	23 45	23 48	11 57			n.a.
F 10	21 45	23 29	0 11	24 40	0 54	22 51	0 52	8 48	0 14	5 24	1 27	5 0	2 31	23 39	0 18	5 35	2 3	34 33	14 7	23 45	23 48	11 55			n.a.
S 11	21 55	24 44	1s 1	24 30	0 42	22 37	1 5	8 35	0 13	5 22	1 27	4 59	2 32	23 39	0 18	5 34	2 3	34 32	14 7	23 45	23 47	11 52			n.a.
S 12	22 5	24 39	2 8	24 18	0 29	22 24	1 19	8 21	0 11	5 21	1 26	4 58	2 32	23 38	0 18	5 34	2 3	34 32	14 7	23 45	23 47	11 50			n.a.
M13	22 15	23 19	3 7	24 5	0 14	22 10	1 33	8 8	0 10	5 19	1 26	4 57	2 32	23 38	0 18	5 34	2 3	34 31	14 6	23 45	23 47	11 47			n.a.
T 14	22 24	20 55	3 57	23 50	0n 1	21 56	1 47	7 54	0 9	5 18	1 26	4 56	2 32	23 38	0 18	5 33	2 3	34 31	14 6	23 46	23 47	11 45			n.a.
W15	22 33	17 39	4 35	23 34	0 17	21 42	2 2	7 40	0 7	5 16	1 25	4 55	2 33	23 38	0 18	5 33	2 3	34 30	14 6	23 46	23 47	11 42			n.a.
T 16	22 41	13 42	5 1	23 17	0 35	21 28	2 17	7 27	0 6	5 14	1 25	4 54	2 33	23 37	0 18	5 33	2 3	34 30	14 6	23 46	23 47	11 40			n.a.
F 17	22 49	9 14	5 15	22 59	0 53	21 13	2 32	7 13	0 5	5 12	1 25	4 53	2 33	23 37	0 18	5 33	2 2	34 29	14 6	23 46	23 47	11 37			n.a.
S 18	22 56	4 26	5 15	22 41	1 11	20 59	2 47	6 59	0 3	5 11	1 24	4 52	2 33	23 37	0 18	5 32	2 2	34 29	14 5	23 46	23 47	11 35			n.a.
S 19	23 3	0n36	5 1	22 22	1 30	20 45	3 2	6 45	0 2	5 9	1 24	4 51	2 34	23 37	0 18	5 32	2 2	34 28	14 5	23 46	23 47	11 33			n.a.
M20	23 10	5 41	4 33	22 3	1 49	20 30	3 17	6 32	0 1	5 6	1 24	4 50	2 34	23 37	0 18	5 32	2 2	34 28	14 5	23 46	23 46	11 30			n.a.
T 21	23 16	10 40	3 52	21 44	2 7	20 16	3 32	6 18	0n 0	5 4	1 23	4 49	2 34	23 36	0 18	5 32	2 2	34 27	14 5	23 45	23 46	11 28			n.a.
W22	23 21	15 19	2 59	21 26	2 25	20 1	3 47	6 4	0 2	5 2	1 23	4 49	2 34	23 36	0 18	5 31	2 2	34 27	14 5	23 45	23 46	11 25			n.a.
T 23	23 27	19 22	1 55	21 8	2 41	19 47	4 2	5 49	0 3	5 0	1 23	4 48	2 35	23 36	0 18	5 31	2 2	34 26	14 4	23 45	23 46	11 23			n.a.
F 24	23 31	22 30	0 43	20 51	2 57	19 33	4 17	5 35	0 4	4 58	1 22	4 47	2 35	23 36	0 18	5 31	2 2	34 26	14 4	23 45	23 46	11 20			n.a.
S 25	23 35	24 24	0n33	20 35	3 10	19 19	4 32	5 21	0 5	4 55	1 22	4 47	2 35	23 35	0 18	5 31	2 2	34 25	14 4	23 45	23 46	11 18			n.a.
S 26	23 39	24 50	1 48	20 20	3 21	19 5	4 46	5 7	0 6	4 53	1 22	4 46	2 35	23 35	0 18	5 31	2 2	34 25	14 4	23 45	23 46	11 15			n.a.
M27	23 42	23 40	2 57	20 7	3 31	18 52	5 0	4 53	0 7	4 50	1 21	4 45	2 36	23 35	0 18	5 31	2 2	34 25	14 4	23 45	23 46	11 13			n.a.
T 28	23 45	20 59	3 57	19 56	3 37	18 39	5 13	4 38	0 8	4 47	1 21	4 45	2 36	23 35	0 18	5 30	2 2	34 24	14 3	23 45	23 46	11 10			n.a.
W29	23 47	17 1	4 41	19 46	3 42	18 26	5 26	4 24	0 10	4 45	1 21	4 44	2 36	23 34	0 18	5 30	2 2	34 24	14 3	23 45	23 45	11 8			n.a.
T 30	23 49	12 5	5 9	19 39	3 44	18 13	5 38	4 10	0 11	4 42	1 20	4 44	2 37	23 34	0 18	5 30	2 2	34 23	14 3	23 45	23 45	11 5			n.a.
F 31	23s50	6n31	5n17	19s34	3n44	18s 1	5n50	3s55	0n12	4s39	1s20	4n44	2n37	23n34	0n18	5n30	2s 2	34s23	14s 3	23n45	23n45	11s 3			n.a.

Julian Day Number = 1208215.5, Delta T = 09h15m37s
Ecliptic obliquity = 23°51'37, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'49, Lahiri = -23°20'49 Julian Calendar 1 Dec. 1406 BCE == Greg. Calendar 18 Nov. 1406 BCE

The year -1405 astronomical counting style corresponds to year 1406 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

JANUARY 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 49 11	28♐42'01	9♎57	16°R45	27°R53	20♓23	21♓36	24♍15	17°R32	18°R29	29♉12	24♊49	24♊39	14♓ 7	n.a.	S 1
S 2	5 53 7	29°42'44	23°57	15♐58	27♐16	20°57	21°43	24°16	17♊29	18♈29	29°13	24°49	24°36	14°14	n.a.	S 2
M 3	5 57 4	0♑43'25	7♏48	15°18	26°39	21°31	21°49	24°17	17°27	18°28	29°15	24°49	24°33	14°21	n.a.	M 3
T 4	6 1 1	1°44'04	21°27	14°47	26° 3	22° 5	21°56	24°18	17°24	18°28	29°16	24°50	24°30	14°28	n.a.	T 4
W 5	6 4 57	2°44'42	4♐55	14°23	25°28	22°39	22° 4	24°19	17°22	18°28	29°18	24°51	24°27	14°34	n.a.	W 5
T 6	6 8 54	3°45'19	18°10	14° 8	24°54	23°14	22°11	24°20	17°19	18°28	29°19	24°51	24°23	14°41	n.a.	T 6
F 7	6 12 50	4°45'54	1♑12	14° 0	24°21	23°48	22°18	24°21	17°17	18°28	29°21	24°R51	24°20	14°48	n.a.	F 7
S 8	6 16 47	5°46'27	14° 0	13°D59	23°50	24°22	22°26	24°22	17°14	18°27	29°22	24°51	24°17	14°54	n.a.	S 8
S 9	6 20 43	6°46'59	26°34	14° 5	23°21	24°57	22°33	24°23	17°12	18°27	29°24	24°49	24°14	15° 1	n.a.	S 9
M10	6 24 40	7°47'28	8♒54	14°18	22°54	25°31	22°41	24°23	17° 9	18°27	29°25	24°48	24°11	15° 8	n.a.	M10
T 11	6 28 36	8°47'56	21° 3	14°36	22°28	26° 6	22°49	24°24	17° 7	18°D27	29°27	24°45	24° 7	15°15	n.a.	T 11
W12	6 32 33	9°48'22	3♓ 4	15° 0	22° 5	26°41	22°57	24°24	17° 4	18°27	29°28	24°43	24° 4	15°21	n.a.	W12
T 13	6 36 30	10°48'45	14°58	15°30	21°44	27°15	23° 6	24°24	17° 2	18°27	29°30	24°41	24° 1	15°28	n.a.	T 13
F 14	6 40 26	11°49'06	26°50	16° 4	21°26	27°50	23°14	24°24	17° 0	18°27	29°31	24°40	23°58	15°35	n.a.	F 14
S 15	6 44 23	12°49'25	8♈44	16°42	21°10	28°25	23°23	24°R25	16°58	18°28	29°33	24°D39	23°55	15°42	n.a.	S 15
S 16	6 48 19	13°49'42	20°45	17°25	20°56	29° 0	23°31	24°24	16°55	18°28	29°34	24°39	23°52	15°48	n.a.	S 16
M17	6 52 16	14°49'57	2♉57	18°11	20°45	29°35	23°40	24°24	16°53	18°28	29°36	24°40	23°48	15°55	n.a.	M17
T 18	6 56 12	15°50'10	15°26	19° 1	20°36	0♈10	23°49	24°24	16°51	18°28	29°37	24°41	23°45	16° 2	n.a.	T 18
W19	7 0 9	16°50'20	28°14	19°54	20°30	0°45	23°58	24°24	16°49	18°28	29°39	24°43	23°42	16° 8	n.a.	W19
T 20	7 4 5	17°50'29	11♊26	20°51	20°26	1°20	24° 7	24°23	16°46	18°29	29°41	24°44	23°39	16°15	n.a.	T 20
F 21	7 8 2	18°50'35	25° 2	21°50	20°D25	1°55	24°17	24°23	16°44	18°29	29°42	24°R45	23°36	16°22	n.a.	F 21
S 22	7 11 59	19°50'39	9♋ 1	22°51	20°26	2°30	24°26	24°22	16°42	18°29	29°44	24°44	23°33	16°29	n.a.	S 22
S 23	7 15 55	20°50'41	23°22	23°55	20°29	3° 6	24°36	24°21	16°40	18°30	29°45	24°42	23°29	16°35	n.a.	S 23
M24	7 19 52	21°50'41	7♌58	25° 2	20°35	3°41	24°45	24°21	16°38	18°30	29°47	24°39	23°26	16°42	n.a.	M24
T 25	7 23 48	22°50'39	22°42	26°10	20°43	4°16	24°55	24°20	16°36	18°31	29°48	24°35	23°23	16°49	n.a.	T 25
W26	7 27 45	23°50'35	7♍28	27°21	20°54	4°52	25° 5	24°19	16°34	18°31	29°50	24°31	23°20	16°56	n.a.	W26
T 27	7 31 41	24°50'29	22° 8	28°34	21° 6	5°27	25°15	24°17	16°32	18°32	29°52	24°27	23°17	17° 2	n.a.	T 27
F 28	7 35 38	25°50'21	6♎36	29°48	21°21	6° 2	25°25	24°16	16°31	18°32	29°53	24°24	23°13	17° 9	n.a.	F 28
S 29	7 39 34	26°50'11	20°48	1♑ 5	21°37	6°38	25°36	24°15	16°29	18°33	29°55	24°D23	23°10	17°16	n.a.	S 29
S 30	7 43 31	27°50'00	4♏43	2°22	21°56	7°13	25°46	24°13	16°27	18°33	29°56	24°23	23° 7	17°22	n.a.	S 30
M31	7 47 28	28♑49'47	18♏20	3♑42	22♐17	7♈49	25♓56	24♍12	16♊25	18♈34	29♉58	24♊24	23♊ 4	17♓29	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s51	0n40	5n 6	19s31	3n42	17s50	6n 1	3s41	0n13	4s36	1s20	4n43	2n37	23n34	0n18	5n30	2s 1	34s22	14s 3	23n45	23n45	11s 0		n.a.
S 2	23 52	5s10	4 37	19 30	3 38	17 39	6 11	3 26	0 14	4 33	1 20	4 43	2 37	23 34	0 18	5 30	2 1	34 22	14 3	23 45	23 45	10 58		n.a.
M 3	23 51	10 42	3 52	19 31	3 32	17 29	6 20	3 12	0 15	4 30	1 19	4 43	2 38	23 33	0 18	5 30	2 1	34 21	14 3	23 45	23 45	10 55		n.a.
T 4	23 51	15 38	2 55	19 34	3 25	17 19	6 29	2 57	0 16	4 27	1 19	4 42	2 38	23 33	0 18	5 30	2 1	34 21	14 2	23 45	23 45	10 53		n.a.
W 5	23 50	19 43	1 48	19 40	3 17	17 10	6 37	2 43	0 17	4 24	1 19	4 42	2 38	23 33	0 18	5 30	2 1	34 20	14 2	23 45	23 44	10 50		n.a.
T 6	23 48	22 43	0 37	19 47	3 8	17 2	6 44	2 28	0 18	4 21	1 18	4 42	2 38	23 33	0 18	5 30	2 1	34 20	14 2	23 45	23 44	10 48		n.a.
F 7	23 46	24 26	0s35	19 55	2 59	16 55	6 50	2 13	0 18	4 18	1 18	4 42	2 39	23 32	0 18	5 30	2 1	34 19	14 2	23 45	23 44	10 45		n.a.
S 8	23 44	24 50	1 44	20 6	2 49	16 48	6 55	1 59	0 19	4 14	1 18	4 42	2 39	23 32	0 18	5 30	2 1	34 19	14 2	23 45	23 44	10 43		n.a.
S 9	23 41	23 56	2 47	20 17	2 38	16 42	7 0	1 44	0 20	4 11	1 17	4 42	2 39	23 32	0 18	5 30	2 1	34 19	14 2	23 45	23 44	10 40		n.a.
M10	23 38	21 53	3 40	20 29	2 27	16 37	7 4	1 29	0 21	4 8	1 17	4 42	2 40	23 32	0 18	5 30	2 1	34 18	14 2	23 45	23 44	10 38		n.a.
T 11	23 34	18 52	4 23	20 43	2 16	16 33	7 6	1 14	0 22	4 4	1 17	4 42	2 40	23 31	0 18	5 30	2 1	34 18	14 2	23 45	23 44	10 35		n.a.
W12	23 29	15 6	4 53	20 57	2 4	16 29	7 9	1 0	0 23	4 1	1 17	4 42	2 40	23 31	0 18	5 30	2 1	34 17	14 2	23 45	23 43	10 32		n.a.
T 13	23 25	10 47	5 11	21 11	1 53	16 27	7 10	0 45	0 24	3 57	1 16	4 42	2 40	23 31	0 18	5 30	2 1	34 17	14 2	23 45	23 43	10 30		n.a.
F 14	23 19	6 5	5 15	21 26	1 41	16 25	7 11	0 30	0 25	3 53	1 16	4 43	2 41	23 31	0 18	5 30	2 1	34 16	14 1	23 45	23 43	10 27		n.a.
S 15	23 14	1 9	5 6	21 41	1 30	16 24	7 11	0 15	0 26	3 50	1 16	4 43	2 41	23 31	0 18	5 30	2 0	34 16	14 1	23 45	23 43	10 25		n.a.
S 16	23 8	3n52	4 43	21 57	1 19	16 23	7 10	0 0	0 26	3 46	1 15	4 43	2 41	23 30	0 18	5 31	2 0	34 16	14 1	23 45	23 43	10 22		n.a.
M17	23 1	8 50	4 8	22 12	1 8	16 24	7 9	0n15	0 27	3 42	1 15	4 43	2 41	23 30	0 18	5 31	2 0	34 15	14 1	23 45	23 43	10 20		n.a.
T 18	22 54	13 34	3 20	22 27	0 57	16 25	7 7	0 30	0 28	3 38	1 15	4 44	2 42	23 30	0 18	5 31	2 0	34 15	14 1	23 45	23 43	10 17		n.a.
W19	22 47	17 50	2 21	22 42	0 46	16 27	7 5	0 44	0 29	3 34	1 15	4 44	2 42	23 30	0 18	5 31	2 0	34 14	14 1	23 45	23 42	10 15		n.a.
T 20	22 39	21 21	1 13	22 57	0 36	16 29	7 2	0 59	0 29	3 30	1 14	4 45	2 42	23 29	0 18	5 31	2 0	34 14	14 1	23 45	23 42	10 12		n.a.
F 21	22 31	23 47	0n 2	23 11	0 25	16 32	6 59	1 14	0 30	3 26	1 14	4 45	2 43	23 29	0 18	5 31	2 0	34 13	14 1	23 45	23 42	10 9		n.a.
S 22	22 22	24 50	1 18	23 25	0 15	16 36	6 56	1 29	0 31	3 22	1 14	4 45	2 43	23 29	0 18	5 32	2 0	34 13	14 1	23 45	23 42	10 7		n.a.
S 23	22 13	24 16	2 31	23 38	0 5	16 40	6 51	1 44	0 32	3 18	1 14	4 46	2 43	23 29	0 18	5 32	2 0	34 13	14 1	23 45	23 42	10 4		n.a.
M24	22 3	22 3	3 35	23 50	0s 4	16 45	6 47	1 59	0 32	3 14	1 13	4 47	2 43	23 29	0 18	5 32	2 0	34 12	14 1	23 45	23 42	10 2		n.a.
T 25	21 53	18 22	4 26	24 1	0 13	16 50	6 42	2 14	0 33	3 10	1 13	4 47	2 44	23 28	0 18	5 32	2 0	34 12	14 1	23 45	23 42	9 59		n.a.
W26	21 43	13 31	4 59	24 12	0 22	16 56	6 37	2 29	0 34	3 6	1 13	4 48	2 44	23 28	0 18	5 33	2 0	34 11	14 1	23 45	23 41	9 57		n.a.
T 27	21 32	7 56	5 12	24 22	0 31	17 2	6 32	2 44	0 35	3 2	1 13	4 49	2 44	23 28	0 18	5 33	2 0	34 11	14 1	23 45	23 41	9 54		n.a.
F 28	21 21	2 0	5 6	24 31	0 39	17 9	6 26	2 59	0 35	2 57	1 12	4 49	2 44	23 28	0 18	5 33	1 59	34 11	14 1	23 44	23 41	9 51		n.a.
S 29	21 9	3s57	4 40	24 38	0 47	17 16	6 20	3 14	0 36	2 53	1 12	4 50	2 45	23 28	0 18	5 33	1 59	34 10	14 1	23 44	23 41	9 49		n.a.
S 30	20 58	9 35	3 59	24 45	0 55	17 23	6 14	3 28	0 37	2 48	1 12	4 51	2 45	23 27	0 18	5 34	1 59	34 10	14 1	23 44	23 41	9 46		n.a.
M31	20s45	14s38	3n 4	24s50	1s 2	17s30	6n 8	3n43	0n37	2s44	1s12	4n52	2n45	23n27	0n18	5n34	1s59	34s10	14s 1	23n44	23n41	9s44		n.a.

Julian Day Number = 1208246.5, Delta T = 09h15m35s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'45, Lahiri = -23°20'44 Julian Calendar 1 Jan. 1405 BCE == Greg. Calendar 19 Dec. 1406 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

FEBRUARY 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 51 24	29♑49'32	1♐40	5♑ 3	22♐39	8♈25	26♓ 7	24°R10	16°R23	18♈35	29♑59	24♊26	23♊ 1	17♓36	n.a.	T 1
W 2	7 55 21	0♒49'15	14°46	6°26	23° 3	9° 0	26°18	24♍ 8	16♊22	18°36	0♒ 1	24°27	22°58	17°43	n.a.	W 2
T 3	7 59 17	1°48'56	27°37	7°50	23°29	9°36	26°28	24° 7	16°20	18°36	0° 3	24°R27	22°54	17°49	n.a.	T 3
F 4	8 3 14	2°48'35	10♑17	9°16	23°57	10°12	26°39	24° 5	16°19	18°37	0° 4	24°26	22°51	17°56	n.a.	F 4
S 5	8 7 10	3°48'12	22°46	10°43	24°26	10°47	26°50	24° 3	16°17	18°38	0° 6	24°23	22°48	18° 3	n.a.	S 5
S 6	8 11 7	4°47'47	5♒ 6	12°11	24°56	11°23	27° 1	24° 1	16°16	18°39	0° 8	24°18	22°45	18°10	n.a.	S 6
M 7	8 15 3	5°47'20	17°17	13°41	25°28	11°59	27°12	23°59	16°14	18°40	0° 9	24°11	22°42	18°16	n.a.	M 7
T 8	8 19 0	6°46'51	29°20	15°12	26° 2	12°35	27°24	23°56	16°13	18°41	0°11	24° 3	22°38	18°23	n.a.	T 8
W 9	8 22 56	7°46'19	11♓17	16°45	26°37	13°11	27°35	23°54	16°11	18°42	0°12	23°54	22°35	18°30	n.a.	W 9
T 10	8 26 53	8°45'45	23°10	18°18	27°13	13°47	27°46	23°52	16°10	18°43	0°14	23°46	22°32	18°36	n.a.	T 10
F 11	8 30 50	9°45'08	5♈ 1	19°53	27°50	14°23	27°58	23°49	16° 9	18°44	0°15	23°39	22°29	18°43	n.a.	F 11
S 12	8 34 46	10°44'29	16°54	21°30	28°29	14°59	28° 9	23°46	16° 8	18°45	0°17	23°34	22°26	18°50	n.a.	S 12
S 13	8 38 43	11°43'48	28°53	23° 8	29° 8	15°35	28°21	23°44	16° 6	18°46	0°19	23°31	22°23	18°57	n.a.	S 13
M14	8 42 39	12°43'04	11♉ 2	24°47	29°49	16°11	28°33	23°41	16° 5	18°47	0°20	23°D30	22°19	19° 3	n.a.	M14
T 15	8 46 36	13°42'18	23°26	26°27	0♑31	16°47	28°45	23°38	16° 4	18°48	0°22	23°31	22°16	19°10	n.a.	T 15
W16	8 50 32	14°41'29	6♊10	28° 9	1°14	17°23	28°57	23°35	16° 3	18°49	0°23	23°32	22°13	19°17	n.a.	W16
T 17	8 54 29	15°40'38	19°19	29°52	1°57	17°59	29° 9	23°32	16° 2	18°50	0°25	23°R33	22°10	19°23	n.a.	T 17
F 18	8 58 25	16°39'45	2♋55	1♒36	2°42	18°35	29°21	23°29	16° 1	18°52	0°26	23°32	22° 7	19°30	n.a.	F 18
S 19	9 2 22	17°38'49	16°59	3°22	3°28	19°11	29°33	23°26	16° 1	18°53	0°28	23°30	22° 4	19°37	n.a.	S 19
S 20	9 6 19	18°37'50	1♌30	5° 9	4°14	19°47	29°45	23°23	16° 0	18°54	0°29	23°26	22° 0	19°44	n.a.	S 20
M21	9 10 15	19°36'50	16°22	6°58	5° 1	20°23	29°57	23°20	15°59	18°55	0°31	23°19	21°57	19°50	n.a.	M21
T 22	9 14 12	20°35'47	1♍29	8°48	5°49	21° 0	0♈10	23°16	15°58	18°57	0°32	23°11	21°54	19°57	n.a.	T 22
W23	9 18 8	21°34'42	16°39	10°39	6°38	21°36	0°22	23°13	15°58	18°58	0°34	23° 2	21°51	20° 4	n.a.	W23
T 24	9 22 5	22°33'35	1♎43	12°32	7°28	22°12	0°34	23° 9	15°57	18°59	0°35	22°53	21°48	20°11	n.a.	T 24
F 25	9 26 1	23°32'26	16°31	14°27	8°18	22°48	0°47	23° 6	15°56	19° 1	0°37	22°47	21°44	20°17	n.a.	F 25
S 26	9 29 58	24°31'15	0♏57	16°22	9° 9	23°24	1° 0	23° 2	15°56	19° 2	0°38	22°42	21°41	20°24	n.a.	S 26
S 27	9 33 54	25°30'02	14°58	18°19	10° 1	24° 1	1°12	22°58	15°56	19° 4	0°40	22°40	21°38	20°31	n.a.	S 27
M28	9 37 51	26°28'48	28°35	20°18	10°53	24°37	1°25	22°55	15°55	19° 5	0°41	22°D39	21°35	20°37	n.a.	M28
T 29	9 41 47	27♒27'32	11♐49	22♒17	11♑46	25♈13	1♈38	22♍51	15♊55	19♈ 7	0♒43	22♊40	21♊32	20♓44	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s33	18s53	2n 1	24s55	1s 9	17s38	6n 2	3n58	0n38	2s40	1s11	4n53	2n45	23n27	0n18	5n34	1s59	34s 9	14s 1	23n44	23n40	9s41		n.a.
W 2	20 20	22 6	0 53	24 58	1 16	17 46	5 55	4 13	0 39	2 35	1 11	4 54	2 46	23 27	0 18	5 35	1 59	34 9	14 1	23 45	23 40	9 38		n.a.
T 3	20 6	24 8	0s17	24 59	1 22	17 54	5 48	4 28	0 39	2 30	1 11	4 55	2 46	23 27	0 18	5 35	1 59	34 9	14 1	23 45	23 40	9 36		n.a.
F 4	19 53	24 52	1 25	24 59	1 28	18 2	5 42	4 43	0 40	2 26	1 11	4 55	2 46	23 27	0 18	5 35	1 59	34 8	14 1	23 44	23 40	9 33		n.a.
S 5	19 38	24 19	2 28	24 58	1 33	18 10	5 35	4 58	0 40	2 21	1 10	4 57	2 46	23 26	0 18	5 36	1 59	34 8	14 1	23 44	23 40	9 30		n.a.
S 6	19 24	22 36	3 22	24 56	1 39	18 18	5 28	5 12	0 41	2 17	1 10	4 58	2 47	23 26	0 18	5 36	1 59	34 8	14 1	23 44	23 39	9 28		n.a.
M 7	19 9	19 50	4 7	24 51	1 43	18 27	5 20	5 27	0 42	2 12	1 10	4 59	2 47	23 26	0 18	5 37	1 59	34 7	14 1	23 44	23 39	9 25		n.a.
T 8	18 54	16 16	4 40	24 46	1 48	18 35	5 13	5 42	0 42	2 7	1 10	5 0	2 47	23 26	0 18	5 37	1 59	34 7	14 1	23 43	23 39	9 23		n.a.
W 9	18 39	12 4	5 0	24 38	1 52	18 43	5 6	5 57	0 43	2 2	1 10	5 1	2 47	23 26	0 18	5 37	1 59	34 7	14 1	23 43	23 39	9 20		n.a.
T 10	18 23	7 27	5 8	24 29	1 55	18 51	4 59	6 12	0 43	1 57	1 9	5 2	2 48	23 26	0 18	5 38	1 59	34 6	14 1	23 43	23 39	9 17		n.a.
F 11	18 7	2 34	5 2	24 19	1 59	18 59	4 52	6 26	0 44	1 53	1 9	5 3	2 48	23 26	0 18	5 38	1 59	34 6	14 2	23 42	23 39	9 15		n.a.
S 12	17 51	2n25	4 43	24 6	2 2	19 7	4 44	6 41	0 44	1 48	1 9	5 5	2 48	23 25	0 18	5 39	1 58	34 6	14 2	23 42	23 38	9 12		n.a.
S 13	17 34	7 21	4 12	23 52	2 4	19 15	4 37	6 56	0 45	1 43	1 9	5 6	2 48	23 25	0 18	5 39	1 58	34 5	14 2	23 42	23 38	9 9		n.a.
M14	17 17	12 6	3 28	23 37	2 6	19 22	4 29	7 10	0 46	1 38	1 9	5 7	2 48	23 25	0 18	5 40	1 58	34 5	14 2	23 42	23 38	9 7		n.a.
T 15	17 0	16 28	2 35	23 19	2 7	19 30	4 22	7 25	0 46	1 33	1 8	5 8	2 49	23 25	0 18	5 40	1 58	34 5	14 2	23 42	23 38	9 4		n.a.
W16	16 43	20 12	1 32	22 59	2 8	19 37	4 15	7 39	0 47	1 28	1 8	5 10	2 49	23 25	0 18	5 41	1 58	34 5	14 2	23 42	23 38	9 1		n.a.
T 17	16 25	23 3	0 23	22 38	2 9	19 44	4 7	7 54	0 47	1 23	1 8	5 11	2 49	23 25	0 18	5 41	1 58	34 4	14 2	23 42	23 37	8 59		n.a.
F 18	16 7	24 40	0n50	22 15	2 9	19 50	4 0	8 8	0 48	1 18	1 8	5 13	2 49	23 25	0 18	5 42	1 58	34 4	14 2	23 42	23 37	8 56		n.a.
S 19	15 49	24 47	2 2	21 50	2 9	19 56	3 52	8 23	0 48	1 13	1 8	5 14	2 49	23 25	0 18	5 42	1 58	34 4	14 2	23 42	23 37	8 53		n.a.
S 20	15 30	23 14	3 9	21 22	2 8	20 2	3 45	8 37	0 49	1 8	1 7	5 16	2 50	23 25	0 18	5 43	1 58	34 4	14 3	23 42	23 37	8 51		n.a.
M21	15 12	20 4	4 4	20 53	2 6	20 8	3 38	8 51	0 49	1 3	1 7	5 17	2 50	23 24	0 18	5 43	1 58	34 3	14 3	23 41	23 37	8 48		n.a.
T 22	14 53	15 32	4 43	20 22	2 4	20 14	3 30	9 6	0 50	0 57	1 7	5 19	2 50	23 24	0 18	5 44	1 58	34 3	14 3	23 41	23 36	8 45		n.a.
W23	14 34	9 59	5 2	19 49	2 2	20 19	3 23	9 20	0 50	0 52	1 7	5 20	2 50	23 24	0 18	5 45	1 58	34 3	14 3	23 40	23 36	8 43		n.a.
T 24	14 14	3 54	5 1	19 14	1 59	20 23	3 16	9 34	0 51	0 47	1 7	5 22	2 50	23 24	0 18	5 45	1 58	34 3	14 3	23 40	23 36	8 40		n.a.
F 25	13 55	2s19	4 39	18 37	1 55	20 27	3 9	9 48	0 51	0 42	1 6	5 23	2 50	23 24	0 18	5 46	1 58	34 2	14 3	23 40	23 36	8 37		n.a.
S 26	13 35	8 16	4 0	17 58	1 51	20 31	3 2	10 3	0 51	0 37	1 6	5 25	2 51	23 24	0 18	5 46	1 58	34 2	14 3	23 39	23 36	8 35		n.a.
S 27	13 15	13 38	3 7	17 18	1 47	20 35	2 54	10 17	0 52	0 31	1 6	5 26	2 51	23 24	0 18	5 47	1 58	34 2	14 4	23 39	23 35	8 32		n.a.
M28	12 54	18 10	2 5	16 35	1 42	20 38	2 47	10 31	0 52	0 26	1 6	5 28	2 51	23 24	0 18	5 48	1 57	34 2	14 4	23 39	23 35	8 29		n.a.
T 29	12s34	21s39	0n58	15s50	1s36	20s40	2n40	10n45	0n53	0s21	1s 6	5n30	2n51	23n24	0n18	5n48	1s57	34s 2	14s 4	23n39	23n35	8s27		n.a.

Julian Day Number = 1208277.5, Delta T = 09h15m33s
Ecliptic obliquity = 23°51'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'41, Lahiri = -23°20'40 Julian Calendar 1 Feb. 1405 BCE == Greg. Calendar 19 Jan. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

MARCH 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 45 44	28♒26'14	24♐43	24♒18	12♑40	25♈50	1♈51	22°R47	15°R54	19♈ 8	0♒44	22°R40	21♊29	20♓51	n.a.	W 1
T 2	9 49 41	29°24'54	7♑20	26°21	13°34	26°26	2° 3	22♍43	15♊54	19°10	0°46	22♊39	21°25	20°58	n.a.	T 2
F 3	9 53 37	0♓23'32	19°45	28°24	14°28	27° 2	2°16	22°39	15°54	19°11	0°47	22°36	21°22	21° 4	n.a.	F 3
S 4	9 57 34	1°22'08	1♒59	0♓28	15°24	27°39	2°29	22°35	15°54	19°13	0°49	22°30	21°19	21°11	n.a.	S 4
S 5	10 1 30	2°20'43	14° 6	2°34	16°19	28°15	2°42	22°31	15°54	19°15	0°50	22°21	21°16	21°18	n.a.	S 5
M 6	10 5 27	3°19'15	26° 7	4°40	17°15	28°52	2°55	22°27	15°D54	19°16	0°51	22°10	21°13	21°25	n.a.	M 6
T 7	10 9 23	4°17'45	8♓ 4	6°46	18°12	29°28	3° 9	22°23	15°54	19°18	0°53	21°57	21°10	21°31	n.a.	T 7
W 8	10 13 20	5°16'13	19°57	8°53	19° 9	0♉ 5	3°22	22°19	15°54	19°20	0°54	21°44	21° 6	21°38	n.a.	W 8
T 9	10 17 16	6°14'39	1♈49	11° 0	20° 6	0°41	3°35	22°15	15°54	19°22	0°55	21°31	21° 3	21°45	n.a.	T 9
F 10	10 21 13	7°13'03	13°41	13° 7	21° 4	1°18	3°48	22°11	15°54	19°23	0°57	21°19	21° 0	21°51	n.a.	F 10
S 11	10 25 9	8°11'25	25°35	15°13	22° 2	1°54	4° 2	22° 6	15°55	19°25	0°58	21°10	20°57	21°58	n.a.	S 11
S 12	10 29 6	9° 9'45	7♉34	17°19	23° 1	2°31	4°15	22° 2	15°55	19°27	0°59	21° 4	20°54	22° 5	n.a.	S 12
M13	10 33 3	10° 8'02	19°43	19°24	24° 0	3° 7	4°28	21°58	15°55	19°29	1° 1	21° 0	20°50	22°12	n.a.	M13
T 14	10 36 59	11° 6'18	2♊ 4	21°27	24°59	3°44	4°42	21°53	15°56	19°30	1° 2	20°58	20°47	22°18	n.a.	T 14
W15	10 40 56	12° 4'31	14°44	23°28	25°59	4°20	4°55	21°49	15°56	19°32	1° 3	20°58	20°44	22°25	n.a.	W15
T 16	10 44 52	13° 2'42	27°47	25°28	26°59	4°57	5° 9	21°45	15°57	19°34	1° 5	20°58	20°41	22°32	n.a.	T 16
F 17	10 48 49	14° 0'51	11♋16	27°25	28° 0	5°34	5°22	21°40	15°57	19°36	1° 6	20°57	20°38	22°38	n.a.	F 17
S 18	10 52 45	14°58'58	25°14	29°20	29° 0	6°10	5°36	21°36	15°58	19°38	1° 7	20°54	20°35	22°45	n.a.	S 18
S 19	10 56 42	15°57'03	9♌42	1♈12	0♒ 1	6°47	5°49	21°32	15°58	19°40	1° 8	20°48	20°31	22°52	n.a.	S 19
M20	11 0 38	16°55'05	24°36	3° 0	1° 2	7°23	6° 3	21°27	15°59	19°42	1° 9	20°40	20°28	22°59	n.a.	M20
T 21	11 4 35	17°53'06	9♍48	4°46	2° 4	8° 0	6°17	21°23	16° 0	19°44	1°11	20°30	20°25	23° 5	n.a.	T 21
W22	11 8 31	18°51'04	25° 8	6°28	3° 6	8°37	6°30	21°18	16° 1	19°46	1°12	20°19	20°22	23°12	n.a.	W22
T 23	11 12 28	19°49'01	10♎26	8° 6	4° 8	9°13	6°44	21°14	16° 2	19°48	1°13	20° 9	20°19	23°19	n.a.	T 23
F 24	11 16 25	20°46'57	25°29	9°41	5°10	9°50	6°58	21° 9	16° 3	19°50	1°14	20° 0	20°15	23°26	n.a.	F 24
S 25	11 20 21	21°44'51	10♏ 9	11°12	6°13	10°27	7°11	21° 5	16° 4	19°52	1°15	19°53	20°12	23°32	n.a.	S 25
S 26	11 24 18	22°42'43	24°22	12°39	7°16	11° 3	7°25	21° 0	16° 5	19°54	1°16	19°50	20° 9	23°39	n.a.	S 26
M27	11 28 14	23°40'34	8♐ 6	14° 2	8°19	11°40	7°39	20°56	16° 6	19°56	1°17	19°48	20° 6	23°46	n.a.	M27
T 28	11 32 11	24°38'24	21°23	15°21	9°22	12°17	7°53	20°51	16° 7	19°58	1°18	19°48	20° 3	23°52	n.a.	T 28
W29	11 36 7	25°36'12	4♑16	16°35	10°26	12°54	8° 7	20°47	16° 8	20° 0	1°19	19°48	20° 0	23°59	n.a.	W29
T 30	11 40 4	26°34'00	16°49	17°46	11°30	13°30	8°21	20°42	16° 9	20° 2	1°20	19°47	19°56	24° 6	n.a.	T 30
F 31	11 44 0	27♓31'45	29♑ 7	18♈52	12♒34	14♉ 7	8♈34	20♍38	16♊11	20♈ 4	1♒21	19♊43	19♊53	24♓13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	12s13	23s56	0s11	15s 3	1s29	20s42	2n33	10n58	0n53	0s15	1s 6	5n31	2n51	23n24	0n18	5n49	1s57	34s 1	14s 4	23n39	23n35	8s24			n.a.
T 2	11 53	24 56	1 17	14 15	1 23	20 44	2 26	11 12	0 54	0 10	1 5	5 33	2 51	23 24	0 18	5 50	1 57	34 1	14 4	23 39	23 35	8 21			n.a.
F 3	11 32	24 40	2 19	13 25	1 15	20 45	2 20	11 26	0 54	0 5	1 5	5 35	2 51	23 24	0 18	5 50	1 57	34 1	14 4	23 39	23 34	8 19			n.a.
S 4	11 11	23 11	3 13	12 33	1 7	20 45	2 13	11 40	0 54	0n 1	1 5	5 36	2 52	23 24	0 18	5 51	1 57	34 1	14 5	23 39	23 34	8 16			n.a.
S 5	10 49	20 40	3 57	11 39	0 59	20 45	2 6	11 53	0 55	0 6	1 5	5 38	2 52	23 24	0 18	5 52	1 57	34 1	14 5	23 38	23 34	8 13			n.a.
M 6	10 28	17 16	4 31	10 44	0 50	20 45	1 59	12 7	0 55	0 12	1 5	5 40	2 52	23 24	0 18	5 52	1 57	34 1	14 5	23 37	23 34	8 11			n.a.
T 7	10 6	13 11	4 52	9 48	0 40	20 44	1 53	12 21	0 56	0 17	1 5	5 42	2 52	23 24	0 18	5 53	1 57	34 1	14 5	23 37	23 34	8 8			n.a.
W 8	9 45	8 38	5 0	8 51	0 31	20 43	1 46	12 34	0 56	0 22	1 5	5 43	2 52	23 24	0 18	5 54	1 57	34 0	14 5	23 36	23 33	8 5			n.a.
T 9	9 23	3 46	4 56	7 53	0 20	20 41	1 40	12 47	0 56	0 28	1 4	5 45	2 52	23 24	0 18	5 54	1 57	34 0	14 6	23 35	23 33	8 2			n.a.
F 10	9 1	1n13	4 38	6 54	0 10	20 38	1 33	13 1	0 57	0 33	1 4	5 47	2 52	23 24	0 18	5 55	1 57	34 0	14 6	23 34	23 33	8 0			n.a.
S 11	8 39	6 12	4 9	5 54	0n 1	20 35	1 27	13 14	0 57	0 39	1 4	5 49	2 52	23 24	0 18	5 56	1 57	34 0	14 6	23 34	23 33	7 57			n.a.
S 12	8 16	11 0	3 28	4 55	0 12	20 32	1 21	13 27	0 57	0 44	1 4	5 51	2 52	23 24	0 18	5 57	1 57	34 0	14 6	23 33	23 33	7 54			n.a.
M13	7 54	15 27	2 37	3 55	0 23	20 28	1 15	13 40	0 58	0 50	1 4	5 52	2 52	23 24	0 18	5 57	1 57	34 0	14 7	23 33	23 32	7 51			n.a.
T 14	7 32	19 20	1 38	2 56	0 34	20 23	1 9	13 53	0 58	0 56	1 4	5 54	2 53	23 24	0 18	5 58	1 57	34 0	14 7	23 33	23 32	7 49			n.a.
W15	7 9	22 25	0 33	1 56	0 45	20 18	1 3	14 6	0 58	1 1	1 4	5 56	2 53	23 24	0 18	5 59	1 57	34 0	14 7	23 33	23 32	7 46			n.a.
T 16	6 46	24 26	0n36	0 58	0 57	20 12	0 57	14 19	0 59	1 7	1 3	5 58	2 53	23 24	0 18	6 0	1 57	34 0	14 7	23 33	23 32	7 43			n.a.
F 17	6 24	25 7	1 45	0 1	1 7	20 6	0 51	14 32	0 59	1 12	1 3	6 0	2 53	23 24	0 18	6 0	1 57	34 0	14 7	23 33	23 31	7 41			n.a.
S 18	6 1	24 15	2 50	0n55	1 18	19 59	0 45	14 45	0 59	1 18	1 3	6 2	2 53	23 24	0 18	6 1	1 57	34 0	14 8	23 33	23 31	7 38			n.a.
S 19	5 38	21 46	3 47	1 50	1 28	19 52	0 39	14 57	1 0	1 23	1 3	6 3	2 53	23 24	0 18	6 2	1 56	33 59	14 8	23 32	23 31	7 35			n.a.
M20	5 15	17 47	4 30	2 43	1 38	19 44	0 34	15 10	1 0	1 29	1 3	6 5	2 53	23 24	0 18	6 3	1 56	33 59	14 8	23 32	23 31	7 32			n.a.
T 21	4 52	12 34	4 55	3 34	1 48	19 35	0 28	15 22	1 0	1 35	1 3	6 7	2 53	23 24	0 18	6 3	1 56	33 59	14 9	23 31	23 30	7 30			n.a.
W22	4 29	6 31	4 59	4 24	1 57	19 26	0 23	15 35	1 1	1 40	1 3	6 9	2 53	23 24	0 18	6 4	1 56	33 59	14 9	23 30	23 30	7 27			n.a.
T 23	4 6	0 7	4 42	5 11	2 5	19 17	0 18	15 47	1 1	1 46	1 3	6 11	2 53	23 25	0 18	6 5	1 56	33 59	14 9	23 29	23 30	7 24			n.a.
F 24	3 43	6s14	4 5	5 56	2 13	19 6	0 13	15 59	1 1	1 51	1 3	6 12	2 53	23 25	0 18	6 6	1 56	33 59	14 9	23 29	23 30	7 21			n.a.
S 25	3 20	12 4	3 13	6 39	2 20	18 56	0 7	16 11	1 2	1 57	1 2	6 14	2 53	23 25	0 18	6 7	1 56	33 59	14 10	23 28	23 30	7 19			n.a.
S 26	2 56	17 6	2 10	7 19	2 27	18 45	0 2	16 23	1 2	2 3	1 2	6 16	2 53	23 25	0 18	6 7	1 56	33 59	14 10	23 28	23 29	7 16			n.a.
M27	2 33	21 2	1 1	7 58	2 32	18 33	0s 3	16 35	1 2	2 8	1 2	6 18	2 53	23 25	0 18	6 8	1 56	33 59	14 10	23 28	23 29	7 13			n.a.
T 28	2 10	23 43	0s 8	8 33	2 37	18 20	0 7	16 47	1 2	2 14	1 2	6 20	2 53	23 25	0 18	6 9	1 56	33 59	14 10	23 28	23 29	7 10			n.a.
W29	1 47	25 3	1 16	9 6	2 41	18 8	0 12	16 59	1 3	2 20	1 2	6 21	2 53	23 25	0 18	6 10	1 56	33 59	14 11	23 28	23 29	7 7			n.a.
T 30	1 23	25 3	2 18	9 37	2 44	17 54	0 17	17 10	1 3	2 25	1 2	6 23	2 53	23 25	0 18	6 11	1 56	33 59	14 11	23 28	23 28	7 5			n.a.
F 31	1s 0	23s49	3s12	10n 5	2n47	17s41	0s21	17n22	1n 3	2n31	1s 2	6n25	2n53	23n25	0n18	6n12	1s56	34s 0	14s11	23n27	23n28	7s 2			n.a.

Julian Day Number = 1208306.5, Delta T = 09h15m32s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'37, Lahiri = -23°20'36 Julian Calendar 1 March 1405 BCE == Greg. Calendar 17 Feb. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

APRIL 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 47 57	28♓29'30	11♒14	19♈54	13♒38	14♉44	8♈48	20°R34	16♊12	20♈ 6	1♒22	19°R37	19♊50	24♓19	n.a.	S 1
S 2	11 51 54	29°27'13	23°13	20°51	14°42	15°21	9° 2	20♍29	16°13	20° 8	1°23	19♊29	19°47	24°26	n.a.	S 2
M 3	11 55 50	0♈24'54	5♓ 8	21°44	15°47	15°57	9°16	20°25	16°15	20°10	1°24	19°17	19°44	24°33	n.a.	M 3
T 4	11 59 47	1°22'35	17° 0	22°33	16°52	16°34	9°30	20°21	16°16	20°13	1°25	19° 5	19°41	24°40	n.a.	T 4
W 5	12 3 43	2°20'13	28°52	23°16	17°57	17°11	9°44	20°16	16°18	20°15	1°26	18°51	19°37	24°46	n.a.	W 5
T 6	12 7 40	3°17'51	10♈44	23°55	19° 2	17°48	9°58	20°12	16°19	20°17	1°27	18°38	19°34	24°53	n.a.	T 6
F 7	12 11 36	4°15'27	22°39	24°30	20° 7	18°25	10°12	20° 8	16°21	20°19	1°28	18°26	19°31	25° 0	n.a.	F 7
S 8	12 15 33	5°13'01	4♉38	25° 0	21°13	19° 2	10°26	20° 3	16°23	20°21	1°29	18°17	19°28	25° 6	n.a.	S 8
S 9	12 19 29	6°10'34	16°43	25°24	22°18	19°38	10°40	19°59	16°24	20°23	1°29	18°10	19°25	25°13	n.a.	S 9
M10	12 23 26	7° 8'06	28°57	25°44	23°24	20°15	10°54	19°55	16°26	20°26	1°30	18° 6	19°21	25°20	n.a.	M10
T 11	12 27 22	8° 5'36	11♊22	26° 0	24°30	20°52	11° 8	19°51	16°28	20°28	1°31	18° 4	19°18	25°27	n.a.	T 11
W12	12 31 19	9° 3'05	24° 3	26°10	25°36	21°29	11°22	19°47	16°30	20°30	1°32	18°D 4	19°15	25°33	n.a.	W12
T 13	12 35 16	10° 0'32	7♋ 4	26°15	26°42	22° 6	11°36	19°43	16°32	20°32	1°33	18°R 5	19°12	25°40	n.a.	T 13
F 14	12 39 12	10°57'58	20°28	26°R16	27°49	22°43	11°50	19°39	16°34	20°34	1°33	18° 4	19° 9	25°47	n.a.	F 14
S 15	12 43 9	11°55'22	4♌18	26°12	28°55	23°20	12° 4	19°35	16°36	20°37	1°34	18° 2	19° 6	25°53	n.a.	S 15
S 16	12 47 5	12°52'45	18°35	26° 4	0♓ 2	23°57	12°18	19°31	16°38	20°39	1°35	17°58	19° 2	26° 0	n.a.	S 16
M17	12 51 2	13°50'06	3♍17	25°52	1° 9	24°34	12°32	19°27	16°40	20°41	1°35	17°52	18°59	26° 7	n.a.	M17
T 18	12 54 58	14°47'26	18°19	25°35	2°15	25°11	12°46	19°23	16°42	20°43	1°36	17°44	18°56	26°14	n.a.	T 18
W19	12 58 55	15°44'45	3♎32	25°15	3°22	25°48	13° 0	19°19	16°44	20°46	1°37	17°35	18°53	26°20	n.a.	W19
T 20	13 2 51	16°42'03	18°47	24°51	4°30	26°25	13°14	19°16	16°46	20°48	1°37	17°26	18°50	26°27	n.a.	T 20
F 21	13 6 48	17°39'20	3♏52	24°25	5°37	27° 2	13°28	19°12	16°49	20°50	1°38	17°19	18°47	26°34	n.a.	F 21
S 22	13 10 45	18°36'36	18°37	23°56	6°44	27°39	13°42	19° 8	16°51	20°52	1°38	17°14	18°43	26°41	n.a.	S 22
S 23	13 14 41	19°33'51	2♐57	23°25	7°52	28°16	13°56	19° 5	16°53	20°55	1°39	17°11	18°40	26°47	n.a.	S 23
M24	13 18 38	20°31'05	16°49	22°53	8°59	28°53	14° 9	19° 1	16°56	20°57	1°39	17°D10	18°37	26°54	n.a.	M24
T 25	13 22 34	21°28'19	0♑12	22°19	10° 7	29°30	14°23	18°58	16°58	20°59	1°40	17°10	18°34	27° 1	n.a.	T 25
W26	13 26 31	22°25'33	13°10	21°46	11°15	0♊ 7	14°37	18°54	17° 1	21° 1	1°40	17°11	18°31	27° 7	n.a.	W26
T 27	13 30 27	23°22'46	25°45	21°12	12°23	0°44	14°51	18°51	17° 3	21° 4	1°41	17°R12	18°27	27°14	n.a.	T 27
F 28	13 34 24	24°19'58	8♒ 3	20°40	13°31	1°21	15° 5	18°48	17° 6	21° 6	1°41	17°11	18°24	27°21	n.a.	F 28
S 29	13 38 21	25°17'10	20° 9	20° 8	14°39	1°58	15°19	18°45	17° 8	21° 8	1°41	17° 7	18°21	27°28	n.a.	S 29
S 30	13 42 17	26♈14'21	2♓ 6	19♈39	15♓47	2♊35	15♈33	18♍42	17♊11	21♈10	1♒42	17♊ 2	18♊18	27♓34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s37	21s29	3s56	10n30	2n48	17s26	0s26	17n33	1n 3	2n36	1s 2	6n27	2n53	23n26	0n18	6n12	1s56	34s 0	14s12	23n27	23n28	6s59		n.a.
S 2	0 13	18 15	4 30	10 53	2 49	17 11	0 30	17 44	1 4	2 42	1 2	6 28	2 53	23 26	0 18	6 13	1 56	34 0	14 12	23 26	23 28	6 56		n.a.
M 3	0n10	14 18	4 51	11 12	2 48	16 56	0 34	17 55	1 4	2 48	1 2	6 30	2 53	23 26	0 18	6 14	1 56	34 0	14 12	23 25	23 27	6 54		n.a.
T 4	0 33	9 48	5 0	11 30	2 47	16 40	0 39	18 6	1 4	2 53	1 1	6 32	2 53	23 26	0 18	6 15	1 56	34 0	14 13	23 24	23 27	6 51		n.a.
W 5	0 57	4 58	4 56	11 44	2 44	16 24	0 43	18 17	1 4	2 59	1 1	6 33	2 53	23 26	0 18	6 16	1 56	34 0	14 13	23 23	23 27	6 48		n.a.
T 6	1 20	0n 4	4 38	11 56	2 41	16 7	0 47	18 28	1 5	3 5	1 1	6 35	2 53	23 26	0 18	6 17	1 56	34 0	14 13	23 22	23 27	6 45		n.a.
F 7	1 43	5 7	4 9	12 5	2 37	15 50	0 50	18 39	1 5	3 10	1 1	6 37	2 53	23 26	0 18	6 17	1 56	34 0	14 14	23 21	23 26	6 42		n.a.
S 8	2 6	10 1	3 28	12 11	2 31	15 32	0 54	18 50	1 5	3 16	1 1	6 38	2 52	23 27	0 18	6 18	1 56	34 0	14 14	23 20	23 26	6 40		n.a.
S 9	2 30	14 36	2 38	12 14	2 25	15 14	0 58	19 0	1 5	3 22	1 1	6 40	2 52	23 27	0 18	6 19	1 56	34 0	14 14	23 19	23 26	6 37		n.a.
M10	2 53	18 39	1 40	12 14	2 17	14 55	1 1	19 10	1 6	3 27	1 1	6 42	2 52	23 27	0 18	6 20	1 56	34 0	14 15	23 19	23 26	6 34		n.a.
T 11	3 16	21 57	0 36	12 12	2 8	14 36	1 5	19 21	1 6	3 33	1 1	6 43	2 52	23 27	0 18	6 21	1 56	34 1	14 15	23 19	23 25	6 31		n.a.
W12	3 39	24 15	0n32	12 7	1 59	14 17	1 8	19 31	1 6	3 39	1 1	6 45	2 52	23 27	0 18	6 22	1 56	34 1	14 15	23 19	23 25	6 28		n.a.
T 13	4 2	25 19	1 39	11 59	1 48	13 57	1 11	19 41	1 6	3 44	1 1	6 46	2 52	23 28	0 18	6 23	1 56	34 1	14 16	23 19	23 25	6 26		n.a.
F 14	4 25	24 58	2 43	11 48	1 36	13 36	1 14	19 51	1 6	3 50	1 1	6 48	2 52	23 28	0 18	6 23	1 56	34 1	14 16	23 19	23 24	6 23		n.a.
S 15	4 48	23 5	3 40	11 35	1 24	13 16	1 17	20 0	1 7	3 55	1 1	6 49	2 52	23 28	0 18	6 24	1 56	34 1	14 16	23 19	23 24	6 20		n.a.
S 16	5 10	19 42	4 25	11 20	1 10	12 55	1 20	20 10	1 7	4 1	1 0	6 51	2 52	23 28	0 18	6 25	1 56	34 1	14 17	23 18	23 24	6 17		n.a.
M17	5 33	15 2	4 54	11 2	0 56	12 33	1 23	20 20	1 7	4 7	1 0	6 52	2 52	23 28	0 18	6 26	1 56	34 1	14 17	23 18	23 24	6 14		n.a.
T 18	5 56	9 20	5 3	10 42	0 41	12 11	1 26	20 29	1 7	4 12	1 0	6 54	2 51	23 29	0 18	6 27	1 56	34 2	14 17	23 17	23 23	6 12		n.a.
W19	6 18	3 1	4 52	10 20	0 25	11 49	1 28	20 38	1 7	4 18	1 0	6 55	2 51	23 29	0 18	6 28	1 56	34 2	14 18	23 16	23 23	6 9		n.a.
T 20	6 41	3s29	4 20	9 56	0 9	11 26	1 31	20 47	1 8	4 23	1 0	6 56	2 51	23 29	0 18	6 29	1 56	34 2	14 18	23 15	23 23	6 6		n.a.
F 21	7 3	9 45	3 30	9 30	0s 8	11 3	1 33	20 56	1 8	4 29	1 0	6 58	2 51	23 29	0 18	6 29	1 56	34 2	14 18	23 15	23 23	6 3		n.a.
S 22	7 25	15 20	2 26	9 4	0 25	10 40	1 36	21 5	1 8	4 34	1 0	6 59	2 51	23 29	0 18	6 30	1 56	34 2	14 19	23 14	23 22	6 0		n.a.
S 23	7 47	19 53	1 15	8 37	0 42	10 17	1 38	21 14	1 8	4 40	1 0	7 0	2 51	23 30	0 18	6 31	1 56	34 3	14 19	23 14	23 22	5 57		n.a.
M24	8 9	23 10	0 2	8 9	0 59	9 53	1 40	21 22	1 8	4 46	1 0	7 2	2 51	23 30	0 18	6 32	1 56	34 3	14 19	23 14	23 22	5 55		n.a.
T 25	8 31	25 1	1s 9	7 40	1 15	9 29	1 42	21 31	1 8	4 51	1 0	7 3	2 50	23 30	0 18	6 33	1 56	34 3	14 20	23 14	23 22	5 52		n.a.
W26	8 53	25 26	2 15	7 12	1 32	9 4	1 44	21 39	1 9	4 57	1 0	7 4	2 50	23 30	0 18	6 34	1 56	34 3	14 20	23 14	23 21	5 49		n.a.
T 27	9 14	24 30	3 12	6 45	1 48	8 39	1 46	21 47	1 9	5 2	1 0	7 5	2 50	23 31	0 18	6 35	1 56	34 4	14 20	23 14	23 21	5 46		n.a.
F 28	9 36	22 24	3 58	6 18	2 3	8 14	1 47	21 55	1 9	5 8	1 0	7 6	2 50	23 31	0 18	6 35	1 56	34 4	14 21	23 14	23 21	5 43		n.a.
S 29	9 57	19 20	4 33	5 53	2 18	7 49	1 49	22 3	1 9	5 13	1 0	7 7	2 50	23 31	0 18	6 36	1 56	34 4	14 21	23 14	23 20	5 40		n.a.
S 30	10n18	15s30	4s56	5n29	2s32	7s23	1s50	22n10	1n 9	5n18	1s 0	7n 8	2n50	23n31	0n18	6n37	1s56	34s 4	14s22	23n13	23n20	5s38		n.a.

Julian Day Number = 1208337.5, Delta T = 09h15m30s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'33, Lahiri = -23°20'32 Julian Calendar 1 Apr. 1405 BCE == Greg. Calendar 19 March 1405 BCE

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

MAY 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 46 14	27♈11'32	13♓58	19°R12	16♓56	3♊12	15♈47	18°R39	17♊14	21♈12	1♒42	16°R55	18♊15	27♓41	n.a.	M 1
T 2	13 50 10	28° 8'42	25°49	18♈48	18° 4	3°49	16° 0	18♍36	17°16	21°15	1°42	16♊47	18°12	27°48	n.a.	T 2
W 3	13 54 7	29° 5'52	7♈42	18°27	19°13	4°26	16°14	18°33	17°19	21°17	1°43	16°38	18° 8	27°55	n.a.	W 3
T 4	13 58 3	0♉ 3'02	19°38	18°10	20°22	5° 4	16°28	18°30	17°22	21°19	1°43	16°29	18° 5	28° 1	n.a.	T 4
F 5	14 2 0	1° 0'11	1♉40	17°57	21°30	5°41	16°42	18°27	17°24	21°21	1°43	16°22	18° 2	28° 8	n.a.	F 5
S 6	14 5 56	1°57'19	13°47	17°48	22°39	6°18	16°55	18°25	17°27	21°24	1°43	16°16	17°59	28°15	n.a.	S 6
S 7	14 9 53	2°54'27	26° 3	17°43	23°48	6°55	17° 9	18°22	17°30	21°26	1°44	16°12	17°56	28°21	n.a.	S 7
M 8	14 13 50	3°51'35	8♊29	17°D42	24°57	7°32	17°23	18°20	17°33	21°28	1°44	16°10	17°52	28°28	n.a.	M 8
T 9	14 17 46	4°48'42	21° 6	17°46	26° 6	8° 9	17°36	18°17	17°36	21°30	1°44	16°D10	17°49	28°35	n.a.	T 9
W10	14 21 43	5°45'48	3♋57	17°55	27°15	8°47	17°50	18°15	17°39	21°32	1°44	16°11	17°46	28°42	n.a.	W10
T 11	14 25 39	6°42'54	17° 4	18° 8	28°24	9°24	18° 4	18°13	17°42	21°35	1°44	16°12	17°43	28°48	n.a.	T 11
F 12	14 29 36	7°39'59	0♌30	18°26	29°34	10° 1	18°17	18°10	17°45	21°37	1°44	16°13	17°40	28°55	n.a.	F 12
S 13	14 33 32	8°37'04	14°16	18°49	0♈43	10°38	18°31	18° 8	17°48	21°39	1°44	16°R13	17°37	29° 2	n.a.	S 13
S 14	14 37 29	9°34'08	28°23	19°16	1°53	11°16	18°44	18° 6	17°51	21°41	1°44	16°12	17°33	29° 8	n.a.	S 14
M15	14 41 26	10°31'11	12♍50	19°48	3° 2	11°53	18°58	18° 4	17°54	21°43	1°R44	16° 9	17°30	29°15	n.a.	M15
T 16	14 45 22	11°28'14	27°33	20°24	4°12	12°30	19°11	18° 3	17°57	21°45	1°44	16° 5	17°27	29°22	n.a.	T 16
W17	14 49 19	12°25'17	12♎27	21° 5	5°21	13° 8	19°24	18° 1	18° 0	21°48	1°44	16° 0	17°24	29°29	n.a.	W17
T 18	14 53 15	13°22'20	27°23	21°50	6°31	13°45	19°38	17°59	18° 4	21°50	1°44	15°56	17°21	29°35	n.a.	T 18
F 19	14 57 12	14°19'22	12♏14	22°39	7°41	14°22	19°51	17°58	18° 7	21°52	1°44	15°52	17°18	29°42	n.a.	F 19
S 20	15 1 8	15°16'24	26°51	23°33	8°51	15° 0	20° 4	17°56	18°10	21°54	1°44	15°49	17°14	29°49	n.a.	S 20
S 21	15 5 5	16°13'27	11♐ 7	24°31	10° 1	15°37	20°17	17°55	18°13	21°56	1°44	15°D48	17°11	29°55	n.a.	S 21
M22	15 9 1	17°10'30	24°59	25°33	11°11	16°14	20°31	17°54	18°17	21°58	1°44	15°48	17° 8	0♈ 2	n.a.	M22
T 23	15 12 58	18° 7'33	8♑25	26°40	12°21	16°52	20°44	17°53	18°20	22° 0	1°43	15°49	17° 5	0° 9	n.a.	T 23
W24	15 16 55	19° 4'36	21°27	27°50	13°31	17°29	20°57	17°51	18°23	22° 2	1°43	15°51	17° 2	0°16	n.a.	W24
T 25	15 20 51	20° 1'40	4♒ 7	29° 4	14°42	18° 7	21°10	17°51	18°27	22° 4	1°43	15°52	16°58	0°22	n.a.	T 25
F 26	15 24 48	20°58'44	16°28	0♉23	15°52	18°44	21°23	17°50	18°30	22° 6	1°43	15°R53	16°55	0°29	n.a.	F 26
S 27	15 28 44	21°55'48	28°35	1°45	17° 2	19°22	21°36	17°49	18°33	22° 8	1°43	15°53	16°52	0°36	n.a.	S 27
S 28	15 32 41	22°52'53	10♓33	3°11	18°13	19°59	21°49	17°48	18°37	22°10	1°42	15°52	16°49	0°43	n.a.	S 28
M29	15 36 37	23°49'59	22°26	4°41	19°23	20°37	22° 2	17°47	18°40	22°12	1°42	15°50	16°46	0°49	n.a.	M29
T 30	15 40 34	24°47'05	4♈19	6°14	20°34	21°14	22°14	17°47	18°44	22°14	1°42	15°47	16°43	0°56	n.a.	T 30
W31	15 44 30	25♉44'11	16♈14	7♉51	21♈45	21♊52	22♈27	17♍47	18♊47	22♈16	1♒41	15♊44	16♊39	1♈ 3	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	10n39	11s 6	5s 6	5n 7	2s44	6s57	1s52	22n18	1n 9	5n24	1s 0	7n 9	2n49	23n32	0n18	6n38	1s56	34s 5	14s22	23n12	23n20	5s35			n.a.
T 2	11 0	6 18	5 3	4 47	2 56	6 31	1 53	22 25	1 9	5 29	1 0	7 10	2 49	23 32	0 18	6 39	1 56	34 5	14 22	23 11	23 20	5 32			n.a.
W 3	11 21	1 16	4 46	4 29	3 7	6 5	1 54	22 33	1 10	5 35	1 0	7 11	2 49	23 32	0 18	6 40	1 56	34 5	14 23	23 11	23 19	5 29			n.a.
T 4	11 41	3n51	4 17	4 14	3 16	5 39	1 55	22 40	1 10	5 40	1 0	7 12	2 49	23 32	0 18	6 40	1 56	34 5	14 23	23 10	23 19	5 26			n.a.
F 5	12 2	8 53	3 37	4 1	3 24	5 12	1 56	22 46	1 10	5 46	1 0	7 13	2 49	23 33	0 18	6 41	1 56	34 6	14 23	23 9	23 19	5 23			n.a.
S 6	12 22	13 37	2 46	3 51	3 31	4 45	1 57	22 53	1 10	5 51	1 0	7 14	2 48	23 33	0 18	6 42	1 56	34 6	14 24	23 8	23 18	5 20			n.a.
S 7	12 42	17 53	1 47	3 44	3 37	4 18	1 58	23 0	1 10	5 56	0 59	7 15	2 48	23 33	0 18	6 43	1 56	34 6	14 24	23 8	23 18	5 18			n.a.
M 8	13 1	21 25	0 41	3 39	3 42	3 51	1 59	23 6	1 10	6 2	0 59	7 16	2 48	23 34	0 18	6 44	1 56	34 7	14 25	23 8	23 18	5 15			n.a.
T 9	13 21	24 0	0n27	3 38	3 45	3 24	1 59	23 13	1 10	6 7	0 59	7 17	2 48	23 34	0 18	6 45	1 56	34 7	14 25	23 8	23 18	5 12			n.a.
W10	13 40	25 23	1 35	3 39	3 48	2 56	2 0	23 19	1 10	6 12	0 59	7 17	2 48	23 34	0 18	6 45	1 56	34 7	14 25	23 8	23 17	5 9			n.a.
T 11	14 0	25 24	2 40	3 43	3 49	2 28	2 0	23 25	1 11	6 18	0 59	7 18	2 47	23 34	0 18	6 46	1 56	34 8	14 26	23 8	23 17	5 6			n.a.
F 12	14 19	23 56	3 38	3 50	3 49	2 1	2 0	23 30	1 11	6 23	0 59	7 19	2 47	23 35	0 18	6 47	1 56	34 8	14 26	23 8	23 17	5 3			n.a.
S 13	14 37	21 3	4 24	3 59	3 48	1 33	2 1	23 36	1 11	6 28	0 59	7 19	2 47	23 35	0 18	6 48	1 56	34 8	14 26	23 8	23 16	5 0			n.a.
S 14	14 56	16 51	4 56	4 12	3 46	1 5	2 1	23 42	1 11	6 33	0 59	7 20	2 47	23 35	0 18	6 49	1 56	34 9	14 27	23 8	23 16	4 57			n.a.
M15	15 14	11 37	5 11	4 27	3 43	0 37	2 1	23 47	1 11	6 38	0 59	7 20	2 46	23 36	0 18	6 49	1 56	34 9	14 27	23 8	23 16	4 55			n.a.
T 16	15 32	5 38	5 5	4 44	3 39	0 9	2 1	23 52	1 11	6 44	0 59	7 21	2 46	23 36	0 18	6 50	1 56	34 9	14 27	23 7	23 15	4 52			n.a.
W17	15 50	0s44	4 39	5 4	3 34	0n20	2 1	23 57	1 11	6 49	0 59	7 21	2 46	23 36	0 18	6 51	1 56	34 10	14 28	23 7	23 15	4 49			n.a.
T 18	16 8	7 6	3 54	5 26	3 29	0 48	2 0	24 2	1 11	6 54	0 59	7 22	2 46	23 36	0 18	6 52	1 56	34 10	14 28	23 6	23 15	4 46			n.a.
F 19	16 25	13 2	2 53	5 50	3 22	1 16	2 0	24 6	1 11	6 59	0 59	7 22	2 46	23 37	0 18	6 53	1 56	34 11	14 29	23 6	23 14	4 43			n.a.
S 20	16 42	18 9	1 42	6 17	3 15	1 44	2 0	24 11	1 11	7 4	0 59	7 23	2 45	23 37	0 18	6 53	1 56	34 11	14 29	23 5	23 14	4 40			n.a.
S 21	16 59	22 5	0 26	6 46	3 7	2 13	1 59	24 15	1 11	7 9	0 59	7 23	2 45	23 37	0 18	6 54	1 56	34 11	14 29	23 5	23 14	4 37			n.a.
M22	17 15	24 36	0s50	7 17	2 59	2 41	1 59	24 19	1 11	7 14	0 59	7 23	2 45	23 38	0 18	6 55	1 56	34 12	14 30	23 5	23 14	4 34			n.a.
T 23	17 32	25 36	2 1	7 49	2 50	3 10	1 58	24 23	1 12	7 19	0 59	7 23	2 45	23 38	0 18	6 56	1 56	34 12	14 30	23 5	23 13	4 31			n.a.
W24	17 48	25 8	3 3	8 24	2 41	3 38	1 57	24 27	1 12	7 24	0 59	7 24	2 44	23 38	0 18	6 56	1 56	34 12	14 30	23 6	23 13	4 28			n.a.
T 25	18 4	23 22	3 55	9 0	2 31	4 6	1 56	24 30	1 12	7 29	0 59	7 24	2 44	23 38	0 18	6 57	1 56	34 13	14 31	23 6	23 13	4 26			n.a.
F 26	18 19	20 31	4 34	9 37	2 20	4 35	1 56	24 34	1 12	7 34	0 59	7 24	2 44	23 39	0 18	6 58	1 56	34 13	14 31	23 6	23 12	4 23			n.a.
S 27	18 34	16 50	5 0	10 16	2 9	5 3	1 55	24 37	1 12	7 39	0 59	7 24	2 44	23 39	0 18	6 59	1 56	34 14	14 31	23 6	23 12	4 20			n.a.
S 28	18 49	12 33	5 13	10 57	1 58	5 31	1 54	24 40	1 12	7 44	0 59	7 24	2 43	23 39	0 18	6 59	1 56	34 14	14 32	23 6	23 12	4 17			n.a.
M29	19 4	7 49	5 12	11 38	1 47	5 59	1 52	24 43	1 12	7 49	0 59	7 24	2 43	23 40	0 18	7 0	1 56	34 14	14 32	23 6	23 11	4 14			n.a.
T 30	19 18	2 48	4 58	12 21	1 35	6 27	1 51	24 46	1 12	7 54	0 59	7 24	2 43	23 40	0 18	7 1	1 56	34 15	14 32	23 5	23 11	4 11			n.a.
W31	19n32	2n20	4s31	13n 4	1s23	6n55	1s50	24n48	1n12	7n58	0s59	7n24	2n43	23n40	0n18	7n 1	1s56	34s15	14s33	23n 5	23n11	4s 8			n.a.

Julian Day Number = 1208367.5, Delta T = 09h15m28s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'28, Lahiri = -23°20'28 Julian Calendar 1 May 1405 BCE == Greg. Calendar 18 Apr. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

JUNE 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 48 27	26♉41'18	28♈14	9♉32	22♈55	22♊29	22♈40	17°R46	18♊51	22♈18	1°R41	15°R41	16♊36	1♈ 9	n.a.	T 1
F 2	15 52 24	27°38'26	10♉24	11°16	24° 6	23° 7	22°52	17♍46	18°54	22°20	1♒40	15♊38	16°33	1°16	n.a.	F 2
S 3	15 56 20	28°35'34	22°43	13° 3	25°17	23°44	23° 5	17°46	18°58	22°22	1°40	15°36	16°30	1°23	n.a.	S 3
S 4	16 0 17	29°32'43	5♊14	14°54	26°28	24°22	23°17	17°D46	19° 1	22°24	1°40	15°35	16°27	1°30	n.a.	S 4
M 5	16 4 13	0♊29'53	17°57	16°47	27°39	25° 0	23°30	17°46	19° 5	22°26	1°39	15°D35	16°24	1°36	n.a.	M 5
T 6	16 8 10	1°27'02	0♋53	18°43	28°50	25°37	23°42	17°46	19° 8	22°27	1°39	15°35	16°20	1°43	n.a.	T 6
W 7	16 12 6	2°24'13	14° 3	20°41	0♌ 1	26°15	23°55	17°46	19°12	22°29	1°38	15°36	16°17	1°50	n.a.	W 7
T 8	16 16 3	3°21'24	27°27	22°42	1°12	26°53	24° 7	17°47	19°15	22°31	1°38	15°37	16°14	1°56	n.a.	T 8
F 9	16 20 0	4°18'35	11♎ 4	24°44	2°23	27°30	24°19	17°47	19°19	22°33	1°37	15°38	16°11	2° 3	n.a.	F 9
S 10	16 23 56	5°15'46	24°55	26°48	3°35	28° 8	24°31	17°48	19°23	22°35	1°36	15°39	16° 8	2°10	n.a.	S 10
S 11	16 27 53	6°12'58	8♍59	28°53	4°46	28°46	24°43	17°48	19°26	22°36	1°36	15°R39	16° 4	2°17	n.a.	S 11
M12	16 31 49	7°10'10	23°15	0♊59	5°57	29°24	24°55	17°49	19°30	22°38	1°35	15°39	16° 1	2°23	n.a.	M12
T 13	16 35 46	8° 7'23	7♎40	3° 6	7° 9	0♋ 1	25° 7	17°50	19°34	22°40	1°35	15°38	15°58	2°30	n.a.	T 13
W14	16 39 42	9° 4'36	22°10	5°13	8°20	0°39	25°19	17°51	19°37	22°41	1°34	15°37	15°55	2°37	n.a.	W14
T 15	16 43 39	10° 1'50	6♏40	7°20	9°32	1°17	25°31	17°52	19°41	22°43	1°33	15°37	15°52	2°44	n.a.	T 15
F 16	16 47 35	10°59'05	21° 6	9°26	10°44	1°55	25°42	17°53	19°45	22°45	1°33	15°36	15°49	2°50	n.a.	F 16
S 17	16 51 32	11°56'21	5♐21	11°33	11°55	2°33	25°54	17°54	19°48	22°46	1°32	15°36	15°45	2°57	n.a.	S 17
S 18	16 55 29	12°53'37	19°22	13°38	13° 7	3°10	26° 5	17°55	19°52	22°48	1°31	15°D36	15°42	3° 4	n.a.	S 18
M19	16 59 25	13°50'55	3♑ 4	15°43	14°19	3°48	26°17	17°57	19°56	22°49	1°30	15°36	15°39	3°10	n.a.	M19
T 20	17 3 22	14°48'13	16°25	17°47	15°31	4°26	26°28	17°58	19°59	22°51	1°30	15°36	15°36	3°17	n.a.	T 20
W21	17 7 18	15°45'33	29°26	19°50	16°43	5° 4	26°40	18° 0	20° 3	22°53	1°29	15°R36	15°33	3°24	n.a.	W21
T 22	17 11 15	16°42'54	12♒ 6	21°51	17°55	5°42	26°51	18° 2	20° 7	22°54	1°28	15°36	15°30	3°31	n.a.	T 22
F 23	17 15 11	17°40'17	24°29	23°51	19° 7	6°20	27° 2	18° 3	20°10	22°56	1°27	15°36	15°26	3°37	n.a.	F 23
S 24	17 19 8	18°37'40	6♓39	25°50	20°19	6°58	27°13	18° 5	20°14	22°57	1°26	15°36	15°23	3°44	n.a.	S 24
S 25	17 23 5	19°35'05	18°38	27°47	21°31	7°36	27°24	18° 7	20°18	22°58	1°25	15°D36	15°20	3°51	n.a.	S 25
M26	17 27 1	20°32'32	0♈32	29°43	22°43	8°14	27°35	18° 9	20°22	23° 0	1°25	15°36	15°17	3°57	n.a.	M26
T 27	17 30 58	21°30'00	12°25	1♋38	23°55	8°52	27°45	18°11	20°25	23° 1	1°24	15°36	15°14	4° 4	n.a.	T 27
W28	17 34 54	22°27'29	24°21	3°30	25° 8	9°30	27°56	18°14	20°29	23° 2	1°23	15°37	15°10	4°11	n.a.	W28
T 29	17 38 51	23°25'00	6♉26	5°22	26°20	10° 8	28° 7	18°16	20°33	23° 4	1°22	15°37	15° 7	4°18	n.a.	T 29
F 30	17 42 47	24♊22'33	18♉42	7♋11	27♉32	10♋47	28♈17	18♍18	20♊36	23♈ 5	1♒21	15♊38	15♊ 4	4♈24	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n45	7n26	3s52	13n48	1s11	7n23	1s49	24n50	1n12	8n 3	0s59	7n24	2n42	23n41	0n18	7n 2	1s56	34s16	14s33	23n 5	23n10	4s 5		n.a.
F 2	19 59	12 19	3 2	14 33	0 58	7 51	1 47	24 53	1 12	8 8	0 59	7 24	2 42	23 41	0 18	7 3	1 56	34 16	14 34	23 4	23 10	4 2		n.a.
S 3	20 12	16 48	2 3	15 18	0 46	8 19	1 46	24 55	1 12	8 13	0 59	7 24	2 42	23 41	0 18	7 4	1 56	34 17	14 34	23 4	23 10	3 59		n.a.
S 4	20 24	20 37	0 57	16 3	0 34	8 46	1 44	24 56	1 12	8 17	0 59	7 23	2 42	23 41	0 18	7 4	1 56	34 17	14 34	23 4	23 9	3 56		n.a.
M 5	20 37	23 31	0n13	16 48	0 22	9 14	1 43	24 58	1 12	8 22	0 59	7 23	2 41	23 42	0 18	7 5	1 56	34 18	14 35	23 4	23 9	3 54		n.a.
T 6	20 49	25 15	1 24	17 32	0 10	9 41	1 41	24 59	1 12	8 27	0 59	7 23	2 41	23 42	0 18	7 6	1 56	34 18	14 35	23 4	23 9	3 51		n.a.
W 7	21 0	25 36	2 31	18 16	0n 1	10 8	1 39	25 1	1 12	8 31	0 59	7 22	2 41	23 42	0 18	7 6	1 56	34 18	14 35	23 4	23 8	3 48		n.a.
T 8	21 12	24 29	3 31	18 58	0 13	10 35	1 38	25 2	1 12	8 36	0 59	7 22	2 41	23 43	0 18	7 7	1 56	34 19	14 36	23 4	23 8	3 45		n.a.
F 9	21 23	21 56	4 21	19 40	0 23	11 1	1 36	25 2	1 12	8 40	0 59	7 22	2 40	23 43	0 18	7 8	1 56	34 19	14 36	23 4	23 8	3 42		n.a.
S 10	21 33	18 5	4 56	20 20	0 34	11 28	1 34	25 3	1 12	8 45	0 59	7 21	2 40	23 43	0 18	7 8	1 57	34 20	14 36	23 4	23 7	3 39		n.a.
S 11	21 44	13 10	5 14	20 58	0 43	11 54	1 32	25 3	1 12	8 49	0 59	7 21	2 40	23 44	0 18	7 9	1 57	34 20	14 36	23 4	23 7	3 36		n.a.
M12	21 53	7 30	5 14	21 34	0 53	12 20	1 30	25 4	1 12	8 54	0 59	7 20	2 39	23 44	0 18	7 9	1 57	34 21	14 37	23 4	23 7	3 33		n.a.
T 13	22 3	1 23	4 53	22 9	1 1	12 45	1 28	25 4	1 12	8 58	1 0	7 20	2 39	23 44	0 18	7 10	1 57	34 21	14 37	23 4	23 6	3 30		n.a.
W14	22 12	4s51	4 15	22 41	1 9	13 11	1 26	25 4	1 12	9 2	1 0	7 19	2 39	23 44	0 18	7 11	1 57	34 22	14 37	23 4	23 6	3 27		n.a.
T 15	22 21	10 51	3 19	23 10	1 16	13 36	1 24	25 3	1 12	9 7	1 0	7 18	2 39	23 45	0 18	7 11	1 57	34 22	14 38	23 4	23 6	3 24		n.a.
F 16	22 29	16 14	2 12	23 37	1 23	14 1	1 22	25 3	1 12	9 11	1 0	7 18	2 38	23 45	0 18	7 12	1 57	34 23	14 38	23 4	23 5	3 21		n.a.
S 17	22 37	20 39	0 56	24 2	1 29	14 25	1 19	25 2	1 12	9 15	1 0	7 17	2 38	23 45	0 18	7 12	1 57	34 23	14 38	23 4	23 5	3 18		n.a.
S 18	22 45	23 46	0s21	24 24	1 34	14 50	1 17	25 1	1 12	9 19	1 0	7 16	2 38	23 46	0 18	7 13	1 57	34 23	14 39	23 4	23 5	3 15		n.a.
M19	22 52	25 25	1 35	24 43	1 38	15 14	1 15	25 0	1 12	9 24	1 0	7 15	2 38	23 46	0 18	7 13	1 57	34 24	14 39	23 4	23 4	3 12		n.a.
T 20	22 59	25 31	2 43	24 59	1 42	15 37	1 12	24 59	1 12	9 28	1 0	7 15	2 37	23 46	0 18	7 14	1 57	34 24	14 39	23 4	23 4	3 9		n.a.
W21	23 5	24 12	3 40	25 13	1 45	16 0	1 10	24 58	1 12	9 32	1 0	7 14	2 37	23 47	0 18	7 14	1 57	34 25	14 39	23 4	23 4	3 6		n.a.
T 22	23 11	21 41	4 24	25 23	1 47	16 23	1 8	24 56	1 12	9 36	1 0	7 13	2 37	23 47	0 18	7 15	1 57	34 25	14 40	23 4	23 3	3 4		n.a.
F 23	23 17	18 13	4 56	25 32	1 49	16 46	1 5	24 54	1 12	9 40	1 0	7 12	2 37	23 47	0 18	7 15	1 57	34 26	14 40	23 4	23 3	3 1		n.a.
S 24	23 22	14 3	5 13	25 38	1 50	17 8	1 3	24 52	1 12	9 44	1 0	7 11	2 36	23 47	0 18	7 16	1 57	34 26	14 40	23 4	23 3	2 58		n.a.
S 25	23 27	9 24	5 16	25 41	1 50	17 30	1 0	24 50	1 12	9 48	1 0	7 10	2 36	23 48	0 18	7 16	1 57	34 27	14 41	23 4	23 2	2 55		n.a.
M26	23 31	4 27	5 6	25 42	1 50	17 51	0 58	24 48	1 12	9 52	1 0	7 9	2 36	23 48	0 18	7 17	1 57	34 27	14 41	23 4	23 2	2 52		n.a.
T 27	23 35	0n39	4 43	25 40	1 49	18 12	0 55	24 45	1 12	9 56	1 0	7 8	2 36	23 48	0 18	7 17	1 57	34 28	14 41	23 4	23 2	2 49		n.a.
W28	23 38	5 47	4 7	25 37	1 48	18 32	0 53	24 42	1 12	9 59	1 0	7 7	2 35	23 49	0 18	7 18	1 57	34 28	14 41	23 4	23 1	2 46		n.a.
T 29	23 42	10 45	3 20	25 31	1 46	18 52	0 50	24 40	1 12	10 3	1 0	7 5	2 35	23 49	0 18	7 18	1 57	34 29	14 42	23 4	23 1	2 43		n.a.
F 30	23n44	15n23	2s24	25n23	1n44	19n11	0s47	24n36	1n12	10n 7	1s 0	7n 4	2n35	23n49	0n18	7n19	1s57	34s29	14s42	23n 4	23n 0	2s40		n.a.

Julian Day Number = 1208398.5, Delta T = 09h15m26s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'24, Lahiri = -23°20'24 Julian Calendar 1 June 1405 BCE == Greg. Calendar 19 May 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

JULY 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 46 44	25♊20'07	1♊11	9♋ 0	28♉45	11♋25	28♈27	18♍21	20♊40	23♈ 6	1°R20	15♊39	15♊ 1	4♈31	n.a.	S 1
S 2	17 50 40	26°17'42	13°57	10°46	29°57	12° 3	28°38	18°23	20°44	23° 8	1♒19	15°R39	14°58	4°38	n.a.	S 2
M 3	17 54 37	27°15'19	27° 0	12°32	1♊10	12°41	28°48	18°26	20°48	23° 9	1°18	15°39	14°55	4°44	n.a.	M 3
T 4	17 58 34	28°12'58	10♋20	14°16	2°23	13°19	28°58	18°29	20°51	23°10	1°17	15°38	14°51	4°51	n.a.	T 4
W 5	18 2 30	29°10'38	23°55	15°58	3°35	13°58	29° 8	18°32	20°55	23°11	1°16	15°37	14°48	4°58	n.a.	W 5
T 6	18 6 27	0♋ 8'19	7♌43	17°39	4°48	14°36	29°18	18°35	20°59	23°12	1°15	15°35	14°45	5° 5	n.a.	T 6
F 7	18 10 23	1° 6'01	21°42	19°18	6° 1	15°14	29°27	18°38	21° 2	23°13	1°14	15°33	14°42	5°11	n.a.	F 7
S 8	18 14 20	2° 3'45	5♍49	20°56	7°14	15°53	29°37	18°41	21° 6	23°14	1°13	15°31	14°39	5°18	n.a.	S 8
S 9	18 18 16	3° 1'30	20° 1	22°32	8°27	16°31	29°47	18°44	21°10	23°15	1°12	15°30	14°36	5°25	n.a.	S 9
M10	18 22 13	3°59'16	4♎14	24° 7	9°40	17° 9	29°56	18°47	21°13	23°16	1°11	15°D30	14°32	5°31	n.a.	M10
T 11	18 26 9	4°57'03	18°27	25°41	10°53	17°48	0♉ 5	18°51	21°17	23°17	1°10	15°30	14°29	5°38	n.a.	T 11
W12	18 30 6	5°54'52	2♏37	27°13	12° 6	18°26	0°14	18°54	21°21	23°18	1° 9	15°31	14°26	5°45	n.a.	W12
T 13	18 34 3	6°52'42	16°43	28°44	13°19	19° 5	0°23	18°58	21°24	23°19	1° 8	15°33	14°23	5°52	n.a.	T 13
F 14	18 37 59	7°50'34	0♐41	0♌13	14°32	19°43	0°32	19° 1	21°28	23°20	1° 6	15°34	14°20	5°58	n.a.	F 14
S 15	18 41 56	8°48'27	14°29	1°41	15°45	20°22	0°41	19° 5	21°31	23°21	1° 5	15°R34	14°16	6° 5	n.a.	S 15
S 16	18 45 52	9°46'22	28° 6	3° 7	16°58	21° 0	0°50	19° 9	21°35	23°22	1° 4	15°34	14°13	6°12	n.a.	S 16
M17	18 49 49	10°44'18	11♑29	4°31	18°12	21°39	0°58	19°12	21°38	23°23	1° 3	15°32	14°10	6°18	n.a.	M17
T 18	18 53 45	11°42'17	24°37	5°55	19°25	22°17	1° 7	19°16	21°42	23°23	1° 2	15°29	14° 7	6°25	n.a.	T 18
W19	18 57 42	12°40'17	7♒29	7°16	20°39	22°56	1°15	19°20	21°46	23°24	1° 1	15°25	14° 4	6°32	n.a.	W19
T 20	19 1 38	13°38'19	20° 5	8°36	21°52	23°35	1°23	19°24	21°49	23°25	1° 0	15°21	14° 1	6°39	n.a.	T 20
F 21	19 5 35	14°36'23	2♓26	9°55	23° 6	24°13	1°31	19°29	21°53	23°25	0°58	15°16	13°57	6°45	n.a.	F 21
S 22	19 9 32	15°34'28	14°34	11°11	24°19	24°52	1°39	19°33	21°56	23°26	0°57	15°12	13°54	6°52	n.a.	S 22
S 23	19 13 28	16°32'36	26°33	12°26	25°33	25°31	1°47	19°37	22° 0	23°27	0°56	15° 9	13°51	6°59	n.a.	S 23
M24	19 17 25	17°30'46	8♈26	13°40	26°46	26°10	1°55	19°41	22° 3	23°27	0°55	15° 7	13°48	7° 5	n.a.	M24
T 25	19 21 21	18°28'59	20°18	14°51	28° 0	26°48	2° 2	19°46	22° 6	23°28	0°54	15°D 7	13°45	7°12	n.a.	T 25
W26	19 25 18	19°27'13	2♉14	16° 0	29°14	27°27	2° 9	19°50	22°10	23°28	0°52	15° 7	13°42	7°19	n.a.	W26
T 27	19 29 14	20°25'30	14°19	17° 7	0♋28	28° 6	2°17	19°55	22°13	23°29	0°51	15° 9	13°38	7°26	n.a.	T 27
F 28	19 33 11	21°23'48	26°37	18°12	1°42	28°45	2°24	20° 0	22°17	23°29	0°50	15°10	13°35	7°32	n.a.	F 28
S 29	19 37 7	22°22'10	9♊13	19°15	2°55	29°24	2°31	20° 4	22°20	23°29	0°49	15°R12	13°32	7°39	n.a.	S 29
S 30	19 41 4	23°20'33	22° 9	20°15	4° 9	0♌ 3	2°37	20° 9	22°23	23°30	0°47	15°12	13°29	7°46	n.a.	S 30
M31	19 45 1	24♋18'58	5♋27	21♌13	5♋23	0♌42	2♉44	20♍14	22♊27	23♈30	0♒46	15♊10	13♊26	7♈52	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	19n28	1s19	25n13	1n41	19n30	0s45	24n33	1n12	10n11	1s 0	7n 3	2n35	23n49	0n18	7n19	1s58	34s30	14s42	23n 4	23n 0	2s37		n.a.
S 2	23 48	22 43	0 9	25 2	1 37	19 49	0 42	24 30	1 12	10 14	1 0	7 2	2 34	23 50	0 18	7 20	1 58	34 30	14 42	23 4	23 0	2 34		n.a.
M 3	23 50	24 52	1n 2	24 49	1 34	20 7	0 39	24 26	1 12	10 18	1 0	7 0	2 34	23 50	0 18	7 20	1 58	34 30	14 43	23 4	22 59	2 31		n.a.
T 4	23 51	25 39	2 12	24 34	1 29	20 24	0 37	24 22	1 12	10 21	1 0	6 59	2 34	23 50	0 18	7 20	1 58	34 31	14 43	23 4	22 59	2 28		n.a.
W 5	23 51	24 55	3 16	24 17	1 25	20 41	0 34	24 18	1 12	10 25	1 1	6 58	2 34	23 50	0 18	7 21	1 58	34 31	14 43	23 4	22 59	2 25		n.a.
T 6	23 52	22 40	4 9	23 59	1 20	20 58	0 31	24 14	1 11	10 28	1 1	6 56	2 33	23 51	0 18	7 21	1 58	34 32	14 43	23 4	22 58	2 22		n.a.
F 7	23 51	19 3	4 49	23 40	1 14	21 13	0 29	24 9	1 11	10 32	1 1	6 55	2 33	23 51	0 18	7 21	1 58	34 32	14 43	23 4	22 58	2 19		n.a.
S 8	23 51	14 20	5 11	23 20	1 9	21 29	0 26	24 5	1 11	10 35	1 1	6 53	2 33	23 51	0 18	7 22	1 58	34 33	14 44	23 4	22 58	2 16		n.a.
S 9	23 50	8 49	5 14	22 58	1 3	21 43	0 23	24 0	1 11	10 39	1 1	6 52	2 33	23 52	0 18	7 22	1 58	34 33	14 44	23 3	22 57	2 13		n.a.
M10	23 48	2 50	4 59	22 35	0 56	21 57	0 20	23 55	1 11	10 42	1 1	6 50	2 32	23 52	0 18	7 22	1 58	34 34	14 44	23 3	22 57	2 10		n.a.
T 11	23 46	3s17	4 25	22 11	0 49	22 11	0 18	23 50	1 11	10 45	1 1	6 49	2 32	23 52	0 18	7 23	1 58	34 34	14 44	23 3	22 56	2 7		n.a.
W12	23 44	9 14	3 35	21 47	0 43	22 24	0 15	23 44	1 11	10 48	1 1	6 47	2 32	23 52	0 18	7 23	1 58	34 35	14 44	23 4	22 56	2 4		n.a.
T 13	23 41	14 42	2 32	21 21	0 35	22 36	0 12	23 39	1 11	10 51	1 1	6 46	2 32	23 53	0 18	7 23	1 58	34 35	14 45	23 4	22 56	2 1		n.a.
F 14	23 37	19 20	1 21	20 55	0 28	22 47	0 10	23 33	1 11	10 55	1 1	6 44	2 32	23 53	0 18	7 24	1 58	34 35	14 45	23 4	22 55	1 58		n.a.
S 15	23 34	22 50	0 6	20 28	0 20	22 58	0 7	23 27	1 11	10 58	1 1	6 42	2 31	23 53	0 18	7 24	1 58	34 36	14 45	23 4	22 55	1 55		n.a.
S 16	23 30	24 59	1s 8	20 0	0 12	23 8	0 4	23 21	1 11	11 1	1 1	6 41	2 31	23 53	0 18	7 24	1 58	34 36	14 45	23 4	22 55	1 52		n.a.
M17	23 25	25 38	2 17	19 32	0 4	23 18	0 1	23 15	1 11	11 4	1 1	6 39	2 31	23 54	0 18	7 24	1 58	34 37	14 45	23 4	22 54	1 49		n.a.
T 18	23 20	24 49	3 18	19 4	0s 4	23 27	0n 1	23 8	1 10	11 6	1 1	6 37	2 31	23 54	0 18	7 25	1 59	34 37	14 45	23 3	22 54	1 46		n.a.
W19	23 15	22 42	4 7	18 35	0 13	23 35	0 4	23 2	1 10	11 9	1 2	6 35	2 30	23 54	0 18	7 25	1 59	34 38	14 45	23 3	22 53	1 43		n.a.
T 20	23 9	19 30	4 43	18 5	0 21	23 43	0 6	22 55	1 10	11 12	1 2	6 34	2 30	23 54	0 18	7 25	1 59	34 38	14 46	23 2	22 53	1 40		n.a.
F 21	23 3	15 31	5 5	17 36	0 30	23 50	0 9	22 48	1 10	11 15	1 2	6 32	2 30	23 55	0 18	7 25	1 59	34 38	14 46	23 2	22 53	1 37		n.a.
S 22	22 56	10 58	5 12	17 6	0 39	23 56	0 12	22 41	1 10	11 18	1 2	6 30	2 30	23 55	0 18	7 25	1 59	34 39	14 46	23 1	22 52	1 34		n.a.
S 23	22 49	6 4	5 6	16 36	0 48	24 1	0 14	22 33	1 10	11 20	1 2	6 28	2 30	23 55	0 18	7 26	1 59	34 39	14 46	23 1	22 52	1 31		n.a.
M24	22 41	0 59	4 47	16 6	0 57	24 6	0 17	22 26	1 10	11 23	1 2	6 26	2 29	23 55	0 18	7 26	1 59	34 40	14 46	23 1	22 51	1 28		n.a.
T 25	22 34	4n 8	4 15	15 37	1 6	24 10	0 19	22 18	1 10	11 25	1 2	6 24	2 29	23 55	0 18	7 26	1 59	34 40	14 46	23 1	22 51	1 25		n.a.
W26	22 25	9 8	3 33	15 7	1 16	24 13	0 22	22 10	1 10	11 28	1 2	6 22	2 29	23 56	0 18	7 26	1 59	34 40	14 46	23 1	22 51	1 22		n.a.
T 27	22 17	13 52	2 40	14 38	1 25	24 16	0 24	22 2	1 9	11 30	1 2	6 20	2 29	23 56	0 18	7 26	1 59	34 41	14 46	23 1	22 50	1 19		n.a.
F 28	22 8	18 8	1 39	14 9	1 35	24 18	0 27	21 54	1 9	11 33	1 2	6 18	2 29	23 56	0 18	7 26	1 59	34 41	14 47	23 1	22 50	1 16		n.a.
S 29	21 58	21 41	0 33	13 40	1 44	24 19	0 29	21 46	1 9	11 35	1 2	6 16	2 28	23 56	0 18	7 26	1 59	34 42	14 47	23 1	22 50	1 13		n.a.
S 30	21 48	24 15	0n38	13 12	1 53	24 19	0 32	21 37	1 9	11 37	1 2	6 14	2 28	23 57	0 18	7 26	1 59	34 42	14 47	23 1	22 49	1 10		n.a.
M31	21n38	25n32	1n48	12n45	2s 3	24n19	0n34	21n29	1n 9	11n39	1s 3	6n12	2n28	23n57	0n18	7n26	1s59	34s42	14s47	23n 1	22n49	1s 7		n.a.

Julian Day Number = 1208428.5, Delta T = 09h15m25s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'20, Lahiri = -23°20'20 Julian Calendar 1 July 1405 BCE == Greg. Calendar 18 June 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

AUGUST 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 48 57	25♋17'26	19♋ 8	22♌ 8	6♋38	1♌21	2♉50	20♍19	22♊30	23♈30	0°R45	15°R 6	13♊22	7♈59	n.a.	T 1
W 2	19 52 54	26°15'56	3♌ 9	23° 0	7°52	2° 0	2°57	20°24	22°33	23°31	0♒44	15♊ 1	13°19	8° 6	n.a.	W 2
T 3	19 56 50	27°14'27	17°25	23°48	9° 6	2°39	3° 3	20°29	22°36	23°31	0°43	14°55	13°16	8°13	n.a.	T 3
F 4	20 0 47	28°13'01	1♍52	24°34	10°20	3°18	3° 9	20°34	22°40	23°31	0°41	14°48	13°13	8°19	n.a.	F 4
S 5	20 4 43	29°11'36	16°23	25°15	11°34	3°57	3°14	20°39	22°43	23°31	0°40	14°42	13°10	8°26	n.a.	S 5
S 6	20 8 40	0♌10'13	0♎52	25°53	12°48	4°36	3°20	20°44	22°46	23°31	0°39	14°37	13° 7	8°33	n.a.	S 6
M 7	20 12 36	1° 8'52	15°15	26°27	14° 3	5°15	3°26	20°50	22°49	23°32	0°38	14°34	13° 3	8°39	n.a.	M 7
T 8	20 16 33	2° 7'33	29°27	26°56	15°17	5°55	3°31	20°55	22°52	23°32	0°36	14°D33	13° 0	8°46	n.a.	T 8
W 9	20 20 30	3° 6'16	13♏27	27°20	16°31	6°34	3°36	21° 1	22°55	23°R32	0°35	14°33	12°57	8°53	n.a.	W 9
T 10	20 24 26	4° 5'00	27°15	27°39	17°46	7°13	3°41	21° 6	22°58	23°32	0°34	14°34	12°54	9° 0	n.a.	T 10
F 11	20 28 23	5° 3'46	10♐51	27°52	19° 0	7°53	3°46	21°12	23° 1	23°32	0°33	14°R35	12°51	9° 6	n.a.	F 11
S 12	20 32 19	6° 2'35	24°15	27°59	20°15	8°32	3°50	21°17	23° 4	23°31	0°31	14°34	12°47	9°13	n.a.	S 12
S 13	20 36 16	7° 1'25	7♑27	28°R 0	21°29	9°11	3°55	21°23	23° 7	23°31	0°30	14°32	12°44	9°20	n.a.	S 13
M14	20 40 12	8° 0'17	20°28	27°54	22°44	9°51	3°59	21°28	23°10	23°31	0°29	14°27	12°41	9°26	n.a.	M14
T 15	20 44 9	8°59'12	3♒18	27°41	23°59	10°30	4° 3	21°34	23°13	23°31	0°28	14°20	12°38	9°33	n.a.	T 15
W16	20 48 5	9°58'08	15°55	27°21	25°13	11°10	4° 7	21°40	23°16	23°31	0°26	14°11	12°35	9°40	n.a.	W16
T 17	20 52 2	10°57'07	28°21	26°54	26°28	11°49	4°11	21°46	23°18	23°31	0°25	14° 0	12°32	9°47	n.a.	T 17
F 18	20 55 58	11°56'07	10♓35	26°19	27°43	12°29	4°14	21°52	23°21	23°30	0°24	13°49	12°28	9°53	n.a.	F 18
S 19	20 59 55	12°55'10	22°40	25°36	28°57	13° 8	4°18	21°58	23°24	23°30	0°23	13°39	12°25	10° 0	n.a.	S 19
S 20	21 3 52	13°54'16	4♈36	24°47	0♌12	13°48	4°21	22° 4	23°27	23°30	0°22	13°31	12°22	10° 7	n.a.	S 20
M21	21 7 48	14°53'24	16°27	23°52	1°27	14°27	4°24	22°10	23°29	23°29	0°20	13°24	12°19	10°13	n.a.	M21
T 22	21 11 45	15°52'34	28°17	22°51	2°42	15° 7	4°27	22°16	23°32	23°29	0°19	13°20	12°16	10°20	n.a.	T 22
W23	21 15 41	16°51'47	10♉11	21°45	3°57	15°47	4°29	22°22	23°34	23°28	0°18	13°19	12°13	10°27	n.a.	W23
T 24	21 19 38	17°51'02	22°13	20°37	5°12	16°27	4°32	22°28	23°37	23°28	0°17	13°D18	12° 9	10°33	n.a.	T 24
F 25	21 23 34	18°50'20	4♊28	19°28	6°27	17° 6	4°34	22°34	23°39	23°28	0°16	13°19	12° 6	10°40	n.a.	F 25
S 26	21 27 31	19°49'40	17° 3	18°18	7°42	17°46	4°36	22°40	23°42	23°27	0°14	13°R19	12° 3	10°47	n.a.	S 26
S 27	21 31 27	20°49'03	0♋ 1	17°12	8°57	18°26	4°38	22°47	23°44	23°26	0°13	13°18	12° 0	10°54	n.a.	S 27
M28	21 35 24	21°48'28	13°25	16° 9	10°12	19° 6	4°40	22°53	23°47	23°26	0°12	13°14	11°57	11° 0	n.a.	M28
T 29	21 39 20	22°47'55	27°17	15°13	11°27	19°46	4°41	22°59	23°49	23°25	0°11	13° 8	11°53	11° 7	n.a.	T 29
W30	21 43 17	23°47'25	11♌36	14°24	12°42	20°26	4°42	23° 6	23°51	23°25	0°10	13° 0	11°50	11°14	n.a.	W30
T 31	21 47 14	24♌46'57	26♌15	13♌44	13♌57	21♌ 6	4♉44	23♍12	23♊54	23♈24	0♒ 9	12♊49	11♊47	11♈20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	21n27	25n20	2n53	12n18	2s12	24n18	0n36	21n20	1n 9	11n42	1s 3	6n10	2n28	23n57	0n18	7n26	1s59	34s43	14s47	23n 1	22n48	1s 4			n.a.
W 2	21 16	23 32	3 50	11 52	2 21	24 16	0 38	21 11	1 9	11 44	1 3	6 7	2 28	23 57	0 18	7 26	1 59	34 43	14 47	23 0	22 48	1 1			n.a.
T 3	21 5	20 13	4 34	11 27	2 31	24 13	0 41	21 1	1 8	11 46	1 3	6 5	2 27	23 57	0 18	7 26	2 0	34 43	14 47	22 59	22 48	0 58			n.a.
F 4	20 53	15 39	5 1	11 4	2 40	24 10	0 43	20 52	1 8	11 48	1 3	6 3	2 27	23 58	0 18	7 27	2 0	34 44	14 47	22 59	22 47	0 55			n.a.
S 5	20 41	10 11	5 8	10 41	2 48	24 6	0 45	20 43	1 8	11 50	1 3	6 1	2 27	23 58	0 18	7 27	2 0	34 44	14 47	22 58	22 47	0 52			n.a.
S 6	20 28	4 9	4 56	10 20	2 57	24 1	0 47	20 33	1 8	11 51	1 3	5 58	2 27	23 58	0 18	7 26	2 0	34 44	14 47	22 57	22 46	0 49			n.a.
M 7	20 15	2s 2	4 25	10 1	3 5	23 55	0 49	20 23	1 8	11 53	1 3	5 56	2 27	23 58	0 18	7 26	2 0	34 45	14 47	22 57	22 46	0 46			n.a.
T 8	20 2	8 4	3 39	9 44	3 13	23 49	0 51	20 13	1 8	11 55	1 3	5 54	2 26	23 58	0 18	7 26	2 0	34 45	14 47	22 57	22 46	0 43			n.a.
W 9	19 48	13 37	2 40	9 29	3 21	23 42	0 53	20 3	1 8	11 57	1 3	5 52	2 26	23 59	0 18	7 26	2 0	34 45	14 47	22 57	22 45	0 40			n.a.
T 10	19 34	18 24	1 32	9 16	3 28	23 34	0 55	19 53	1 7	11 58	1 4	5 49	2 26	23 59	0 19	7 26	2 0	34 46	14 47	22 57	22 45	0 37			n.a.
F 11	19 20	22 8	0 20	9 5	3 34	23 26	0 57	19 42	1 7	12 0	1 4	5 47	2 26	23 59	0 19	7 26	2 0	34 46	14 47	22 57	22 44	0 34			n.a.
S 12	19 5	24 36	0s52	8 57	3 40	23 16	0 59	19 31	1 7	12 1	1 4	5 44	2 26	23 59	0 19	7 26	2 0	34 46	14 47	22 57	22 44	0 31			n.a.
S 13	18 51	25 38	2 0	8 52	3 44	23 6	1 1	19 21	1 7	12 3	1 4	5 42	2 26	23 59	0 19	7 26	2 0	34 47	14 47	22 57	22 43	0 28			n.a.
M14	18 35	25 14	3 0	8 51	3 48	22 56	1 2	19 10	1 7	12 4	1 4	5 40	2 26	23 59	0 19	7 26	2 0	34 47	14 47	22 56	22 43	0 25			n.a.
T 15	18 20	23 29	3 50	8 53	3 51	22 44	1 4	18 59	1 6	12 5	1 4	5 37	2 25	24 0	0 19	7 26	2 0	34 47	14 47	22 55	22 43	0 22			n.a.
W16	18 4	20 36	4 28	8 58	3 52	22 32	1 5	18 48	1 6	12 7	1 4	5 35	2 25	24 0	0 19	7 26	2 0	34 47	14 47	22 54	22 42	0 19			n.a.
T 17	17 47	16 49	4 53	9 8	3 53	22 20	1 7	18 36	1 6	12 8	1 4	5 32	2 25	24 0	0 19	7 26	2 0	34 48	14 47	22 53	22 42	0 16			n.a.
F 18	17 31	12 23	5 3	9 21	3 51	22 6	1 9	18 25	1 6	12 9	1 4	5 30	2 25	24 0	0 19	7 25	2 0	34 48	14 47	22 52	22 41	0 12			n.a.
S 19	17 14	7 33	5 0	9 38	3 48	21 52	1 10	18 13	1 6	12 10	1 4	5 27	2 25	24 0	0 19	7 25	2 1	34 48	14 47	22 50	22 41	0 9			n.a.
S 20	16 57	2 28	4 44	10 0	3 43	21 37	1 11	18 1	1 6	12 11	1 5	5 25	2 25	24 0	0 19	7 25	2 1	34 48	14 47	22 49	22 41	0 6			n.a.
M21	16 39	2n40	4 15	10 25	3 36	21 22	1 13	17 49	1 5	12 12	1 5	5 22	2 25	24 1	0 19	7 25	2 1	34 49	14 47	22 49	22 40	0 3			n.a.
T 22	16 21	7 42	3 36	10 53	3 27	21 6	1 14	17 37	1 5	12 13	1 5	5 20	2 24	24 1	0 19	7 25	2 1	34 49	14 47	22 48	22 40	0 0			n.a.
W23	16 3	12 29	2 47	11 25	3 16	20 49	1 15	17 25	1 5	12 14	1 5	5 17	2 24	24 1	0 19	7 24	2 1	34 49	14 47	22 48	22 39	0n 3			n.a.
T 24	15 45	16 52	1 50	11 59	3 3	20 32	1 16	17 13	1 5	12 14	1 5	5 14	2 24	24 1	0 19	7 24	2 1	34 49	14 47	22 48	22 39	0 6			n.a.
F 25	15 26	20 38	0 47	12 36	2 48	20 14	1 17	17 0	1 4	12 15	1 5	5 12	2 24	24 1	0 19	7 24	2 1	34 50	14 47	22 48	22 38	0 9			n.a.
S 26	15 8	23 33	0n20	13 13	2 31	19 56	1 18	16 48	1 4	12 16	1 5	5 9	2 24	24 1	0 19	7 24	2 1	34 50	14 46	22 48	22 38	0 12			n.a.
S 27	14 48	25 19	1 28	13 50	2 13	19 37	1 19	16 35	1 4	12 16	1 5	5 6	2 24	24 1	0 19	7 23	2 1	34 50	14 46	22 48	22 38	0 15			n.a.
M28	14 29	25 42	2 33	14 28	1 54	19 17	1 20	16 22	1 4	12 17	1 5	5 4	2 24	24 2	0 19	7 23	2 1	34 50	14 46	22 47	22 37	0 18			n.a.
T 29	14 9	24 31	3 31	15 3	1 34	18 57	1 21	16 9	1 4	12 17	1 5	5 1	2 24	24 2	0 19	7 23	2 1	34 50	14 46	22 47	22 37	0 21			n.a.
W30	13 50	21 44	4 18	15 37	1 14	18 36	1 22	15 56	1 3	12 17	1 6	4 58	2 23	24 2	0 19	7 23	2 1	34 50	14 46	22 45	22 36	0 24			n.a.
T 31	13n29	17n30	4n49	16n 8	0s54	18n15	1n23	15n43	1n 3	12n18	1s 6	4n56	2n23	24n 2	0n19	7n22	2s 1	34s51	14s46	22n44	22n36	0n27			n.a.

Julian Day Number = 1208459.5, Delta T = 09h15m23s
Ecliptic obliquity = 23°51'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'16, Lahiri = -23°20'16 Julian Calendar 1 Aug. 1405 BCE == Greg. Calendar 19 July 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

SEPTEMBER 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 51 10	25♌46'31	11♍ 8	13°R14	15♌12	21♌46	4♉44	23♍19	23♊56	23°R23	0°R 8	12°R38	11♊44	11♈27	n.a.	F 1
S 2	21 55 7	26°46'08	26° 6	12♌54	16°27	22°26	4°45	23°25	23°58	23♈22	0♒ 7	12♊28	11°41	11°34	n.a.	S 2
S 3	21 59 3	27°45'46	10♎59	12°D46	17°43	23° 6	4°46	23°32	24° 0	23°22	0° 5	12°19	11°38	11°41	n.a.	S 3
M 4	22 3 0	28°45'26	25°39	12°48	18°58	23°46	4°46	23°38	24° 2	23°21	0° 4	12°13	11°34	11°47	n.a.	M 4
T 5	22 6 56	29°45'08	10♏ 3	13° 1	20°13	24°26	4°R46	23°45	24° 4	23°20	0° 3	12°10	11°31	11°54	n.a.	T 5
W 6	22 10 53	0♍44'52	24° 6	13°25	21°28	25° 7	4°46	23°52	24° 6	23°19	0° 2	12° 9	11°28	12° 1	n.a.	W 6
T 7	22 14 49	1°44'38	7♐49	13°58	22°44	25°47	4°45	23°58	24° 8	23°18	0° 1	12° 9	11°25	12° 7	n.a.	T 7
F 8	22 18 46	2°44'26	21°13	14°41	23°59	26°27	4°45	24° 5	24°10	23°17	0° 0	12° 8	11°22	12°14	n.a.	F 8
S 9	22 22 43	3°44'15	4♑21	15°31	25°14	27° 7	4°44	24°12	24°12	23°16	29♑59	12° 7	11°19	12°21	n.a.	S 9
S 10	22 26 39	4°44'07	17°14	16°29	26°30	27°48	4°43	24°19	24°14	23°15	29°58	12° 3	11°15	12°27	n.a.	S 10
M11	22 30 36	5°44'00	29°56	17°34	27°45	28°28	4°42	24°25	24°15	23°14	29°57	11°56	11°12	12°34	n.a.	M11
T 12	22 34 32	6°43'55	12♒27	18°45	29° 0	29° 8	4°41	24°32	24°17	23°13	29°56	11°46	11° 9	12°41	n.a.	T 12
W13	22 38 29	7°43'53	24°49	20° 0	0♍16	29°49	4°39	24°39	24°19	23°12	29°55	11°34	11° 6	12°48	n.a.	W13
T 14	22 42 25	8°43'52	7♓ 3	21°20	1°31	0♍29	4°37	24°46	24°20	23°11	29°54	11°19	11° 3	12°54	n.a.	T 14
F 15	22 46 22	9°43'53	19° 8	22°44	2°46	1°10	4°35	24°53	24°22	23°10	29°54	11° 5	10°59	13° 1	n.a.	F 15
S 16	22 50 18	10°43'56	1♈ 7	24°11	4° 2	1°51	4°33	25° 0	24°23	23° 9	29°53	10°51	10°56	13° 8	n.a.	S 16
S 17	22 54 15	11°44'01	13° 0	25°40	5°17	2°31	4°31	25° 6	24°25	23° 8	29°52	10°39	10°53	13°14	n.a.	S 17
M18	22 58 11	12°44'09	24°49	27°12	6°33	3°12	4°28	25°13	24°26	23° 6	29°51	10°29	10°50	13°21	n.a.	M18
T 19	23 2 8	13°44'18	6♉38	28°46	7°48	3°52	4°26	25°20	24°27	23° 5	29°50	10°23	10°47	13°28	n.a.	T 19
W20	23 6 5	14°44'30	18°30	0♍20	9° 4	4°33	4°23	25°27	24°29	23° 4	29°49	10°19	10°44	13°34	n.a.	W20
T 21	23 10 1	15°44'44	0♊29	1°56	10°19	5°14	4°20	25°34	24°30	23° 3	29°48	10°18	10°40	13°41	n.a.	T 21
F 22	23 13 58	16°45'01	12°41	3°33	11°35	5°55	4°16	25°41	24°31	23° 1	29°48	10°17	10°37	13°48	n.a.	F 22
S 23	23 17 54	17°45'19	25°11	5°11	12°50	6°36	4°13	25°48	24°32	23° 0	29°47	10°17	10°34	13°55	n.a.	S 23
S 24	23 21 51	18°45'40	8♋ 4	6°49	14° 6	7°16	4° 9	25°55	24°33	22°59	29°46	10°16	10°31	14° 1	n.a.	S 24
M25	23 25 47	19°46'03	21°24	8°27	15°21	7°57	4° 5	26° 2	24°34	22°57	29°45	10°13	10°28	14° 8	n.a.	M25
T 26	23 29 44	20°46'28	5♌15	10° 5	16°37	8°38	4° 1	26° 9	24°35	22°56	29°45	10° 7	10°25	14°15	n.a.	T 26
W27	23 33 40	21°46'55	19°35	11°44	17°53	9°19	3°57	26°16	24°36	22°55	29°44	9°58	10°21	14°21	n.a.	W27
T 28	23 37 37	22°47'24	4♍22	13°22	19° 8	10° 0	3°52	26°23	24°37	22°53	29°43	9°48	10°18	14°28	n.a.	T 28
F 29	23 41 33	23°47'55	19°28	15° 1	20°24	10°41	3°48	26°30	24°38	22°52	29°43	9°37	10°15	14°35	n.a.	F 29
S 30	23 45 30	24♍48'28	4♎44	16♍39	21♍39	11♍23	3♉43	26♍37	24♊39	22♈50	29♑42	9♊26	10♊12	14♈41	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	13n 9	12n 8	5n 1	16n35	0s35	17n53	1n23	15n29	1n 3	12n18	1s 6	4n53	2n23	24n 2	0n19	7n22	2s 1	34s51	14s46	22n43	22n35	0n30		n.a.
S 2	12 48	6 3	4 53	16 59	0 15	17 31	1 24	15 16	1 3	12 18	1 6	4 50	2 23	24 2	0 19	7 22	2 1	34 51	14 46	22 41	22 35	0 33		n.a.
S 3	12 28	0s22	4 25	17 19	0n 3	17 8	1 24	15 2	1 2	12 18	1 6	4 48	2 23	24 2	0 19	7 21	2 1	34 51	14 46	22 40	22 35	0 36		n.a.
M 4	12 7	6 41	3 40	17 35	0 20	16 44	1 25	14 48	1 2	12 18	1 6	4 45	2 23	24 2	0 19	7 21	2 1	34 51	14 45	22 39	22 34	0 39		n.a.
T 5	11 45	12 32	2 41	17 46	0 36	16 21	1 25	14 35	1 2	12 18	1 6	4 42	2 23	24 3	0 19	7 21	2 2	34 51	14 45	22 39	22 34	0 42		n.a.
W 6	11 24	17 37	1 34	17 53	0 50	15 56	1 25	14 21	1 2	12 18	1 6	4 39	2 23	24 3	0 19	7 20	2 2	34 51	14 45	22 39	22 33	0 45		n.a.
T 7	11 2	21 37	0 23	17 56	1 3	15 32	1 26	14 7	1 1	12 18	1 6	4 37	2 23	24 3	0 19	7 20	2 2	34 51	14 45	22 39	22 33	0 48		n.a.
F 8	10 41	24 22	0s48	17 54	1 15	15 6	1 26	13 52	1 1	12 17	1 6	4 34	2 23	24 3	0 19	7 19	2 2	34 51	14 45	22 39	22 32	0 52		n.a.
S 9	10 19	25 42	1 54	17 49	1 25	14 41	1 26	13 38	1 1	12 17	1 6	4 31	2 23	24 3	0 19	7 19	2 2	34 52	14 45	22 39	22 32	0 55		n.a.
S 10	9 57	25 36	2 54	17 39	1 34	14 15	1 26	13 24	1 1	12 17	1 7	4 28	2 22	24 3	0 19	7 19	2 2	34 52	14 44	22 38	22 31	0 58		n.a.
M11	9 34	24 10	3 44	17 27	1 41	13 48	1 26	13 9	1 0	12 16	1 7	4 25	2 22	24 3	0 19	7 18	2 2	34 52	14 44	22 37	22 31	1 1		n.a.
T 12	9 12	21 32	4 22	17 10	1 48	13 22	1 26	12 55	1 0	12 16	1 7	4 23	2 22	24 3	0 19	7 18	2 2	34 52	14 44	22 36	22 31	1 4		n.a.
W13	8 49	17 58	4 47	16 51	1 53	12 54	1 26	12 40	1 0	12 15	1 7	4 20	2 22	24 3	0 19	7 17	2 2	34 52	14 44	22 34	22 30	1 7		n.a.
T 14	8 26	13 41	4 58	16 28	1 57	12 27	1 25	12 25	0 59	12 14	1 7	4 17	2 22	24 4	0 19	7 17	2 2	34 52	14 44	22 32	22 30	1 10		n.a.
F 15	8 3	8 54	4 56	16 3	1 59	11 59	1 25	12 10	0 59	12 14	1 7	4 14	2 22	24 4	0 19	7 16	2 2	34 52	14 43	22 30	22 29	1 13		n.a.
S 16	7 40	3 50	4 41	15 36	2 1	11 31	1 25	11 55	0 59	12 13	1 7	4 11	2 22	24 4	0 19	7 16	2 2	34 52	14 43	22 28	22 29	1 16		n.a.
S 17	7 17	1n20	4 14	15 6	2 2	11 2	1 24	11 40	0 59	12 12	1 7	4 9	2 22	24 4	0 19	7 15	2 2	34 52	14 43	22 26	22 28	1 19		n.a.
M18	6 54	6 27	3 35	14 34	2 3	10 34	1 24	11 25	0 58	12 11	1 7	4 6	2 22	24 4	0 19	7 15	2 2	34 52	14 43	22 25	22 28	1 22		n.a.
T 19	6 30	11 20	2 48	14 1	2 2	10 4	1 23	11 10	0 58	12 10	1 7	4 3	2 22	24 4	0 19	7 14	2 2	34 52	14 43	22 24	22 27	1 25		n.a.
W20	6 7	15 50	1 53	13 26	2 1	9 35	1 23	10 54	0 58	12 9	1 7	4 0	2 22	24 4	0 19	7 14	2 2	34 52	14 42	22 23	22 27	1 28		n.a.
T 21	5 43	19 46	0 52	12 49	1 59	9 5	1 22	10 39	0 57	12 8	1 7	3 57	2 22	24 4	0 20	7 13	2 2	34 52	14 42	22 23	22 26	1 31		n.a.
F 22	5 19	22 56	0n13	12 11	1 57	8 36	1 21	10 23	0 57	12 7	1 7	3 54	2 22	24 4	0 20	7 13	2 2	34 52	14 42	22 23	22 26	1 34		n.a.
S 23	4 55	25 4	1 18	11 32	1 54	8 5	1 20	10 7	0 57	12 5	1 7	3 52	2 22	24 4	0 20	7 12	2 2	34 52	14 42	22 23	22 26	1 38		n.a.
S 24	4 31	25 58	2 21	10 52	1 51	7 35	1 20	9 52	0 56	12 4	1 8	3 49	2 22	24 4	0 20	7 12	2 2	34 52	14 41	22 23	22 25	1 41		n.a.
M25	4 7	25 24	3 19	10 12	1 47	7 4	1 19	9 36	0 56	12 3	1 8	3 46	2 22	24 4	0 20	7 11	2 2	34 52	14 41	22 22	22 25	1 44		n.a.
T 26	3 43	23 17	4 8	9 30	1 43	6 34	1 18	9 20	0 56	12 1	1 8	3 43	2 22	24 5	0 20	7 11	2 2	34 52	14 41	22 22	22 24	1 47		n.a.
W27	3 19	19 40	4 42	8 48	1 38	6 3	1 17	9 4	0 55	12 0	1 8	3 40	2 22	24 5	0 20	7 10	2 2	34 52	14 41	22 20	22 24	1 50		n.a.
T 28	2 55	14 43	5 0	8 5	1 34	5 32	1 16	8 48	0 55	11 58	1 8	3 37	2 22	24 5	0 20	7 10	2 3	34 51	14 41	22 19	22 23	1 53		n.a.
F 29	2 30	8 46	4 57	7 22	1 29	5 0	1 14	8 32	0 55	11 57	1 8	3 34	2 22	24 5	0 20	7 9	2 3	34 51	14 40	22 17	22 23	1 56		n.a.
S 30	2n 6	2n15	4n33	6n38	1n23	4n29	1n13	8n16	0n54	11n55	1s 8	3n32	2n22	24n 5	0n20	7n 8	2s 3	34s51	14s40	22n15	22n22	1n59		n.a.

Julian Day Number = 1208490.5, Delta T = 09h15m21s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'12, Lahiri = -23°20'11 Julian Calendar 1 Sept. 1405 BCE == Greg. Calendar 19 Aug. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

OCTOBER 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 49 27	25♍49'02	19♎57	18♍17	22♍55	12♍ 4	3°R38	26♍44	24♊39	22°R49	29°R41	9°R16	10♊ 9	14♈48	n.a.	S 1
M 2	23 53 23	26°49'38	4♏59	19°55	24°11	12°45	3♉33	26°51	24°40	22♈47	29♑41	9♊10	10° 5	14°55	n.a.	M 2
T 3	23 57 20	27°50'15	19°40	21°33	25°26	13°26	3°28	26°58	24°40	22°46	29°40	9° 6	10° 2	15° 2	n.a.	T 3
W 4	0 1 16	28°50'54	3♐56	23°10	26°42	14° 7	3°22	27° 5	24°41	22°44	29°40	9°D 5	9°59	15° 8	n.a.	W 4
T 5	0 5 13	29°51'35	17°46	24°47	27°57	14°49	3°17	27°12	24°41	22°43	29°39	9° 5	9°56	15°15	n.a.	T 5
F 6	0 9 9	0♎52'16	1♑12	26°24	29°13	15°30	3°11	27°19	24°42	22°41	29°39	9°R 5	9°53	15°22	n.a.	F 6
S 7	0 13 6	1°52'59	14°15	28° 1	0♎29	16°11	3° 5	27°26	24°42	22°40	29°38	9° 4	9°50	15°28	n.a.	S 7
S 8	0 17 2	2°53'44	27° 1	29°37	1°44	16°53	2°59	27°33	24°42	22°38	29°38	9° 2	9°46	15°35	n.a.	S 8
M 9	0 20 59	3°54'29	9♒31	1♎13	3° 0	17°34	2°52	27°40	24°43	22°37	29°37	8°56	9°43	15°42	n.a.	M 9
T 10	0 24 56	4°55'16	21°49	2°49	4°16	18°16	2°46	27°47	24°43	22°35	29°37	8°48	9°40	15°48	n.a.	T 10
W11	0 28 52	5°56'04	3♓59	4°25	5°31	18°57	2°40	27°54	24°43	22°33	29°37	8°38	9°37	15°55	n.a.	W11
T 12	0 32 49	6°56'53	16° 1	6° 0	6°47	19°39	2°33	28° 1	24°43	22°32	29°36	8°26	9°34	16° 2	n.a.	T 12
F 13	0 36 45	7°57'43	27°59	7°35	8° 2	20°20	2°26	28° 8	24°R43	22°30	29°36	8°14	9°30	16° 9	n.a.	F 13
S 14	0 40 42	8°58'35	9♈52	9°10	9°18	21° 2	2°19	28°15	24°43	22°29	29°36	8° 2	9°27	16°15	n.a.	S 14
S 15	0 44 38	9°59'28	21°43	10°45	10°34	21°44	2°12	28°22	24°43	22°27	29°35	7°51	9°24	16°22	n.a.	S 15
M16	0 48 35	11° 0'23	3♉33	12°20	11°49	22°25	2° 5	28°29	24°43	22°25	29°35	7°44	9°21	16°29	n.a.	M16
T 17	0 52 31	12° 1'19	15°24	13°54	13° 5	23° 7	1°58	28°36	24°43	22°24	29°35	7°38	9°18	16°35	n.a.	T 17
W18	0 56 28	13° 2'16	27°19	15°28	14°20	23°49	1°51	28°43	24°42	22°22	29°35	7°35	9°15	16°42	n.a.	W18
T 19	1 0 25	14° 3'15	9♊20	17° 3	15°36	24°31	1°43	28°50	24°42	22°20	29°34	7°D35	9°11	16°49	n.a.	T 19
F 20	1 4 21	15° 4'16	21°33	18°37	16°52	25°13	1°36	28°57	24°42	22°19	29°34	7°36	9° 8	16°55	n.a.	F 20
S 21	1 8 18	16° 5'17	4♋ 1	20°11	18° 7	25°55	1°28	29° 4	24°41	22°17	29°34	7°37	9° 5	17° 2	n.a.	S 21
S 22	1 12 14	17° 6'21	16°49	21°45	19°23	26°37	1°20	29°11	24°41	22°15	29°34	7°R37	9° 2	17° 9	n.a.	S 22
M23	1 16 11	18° 7'25	0♌ 2	23°19	20°38	27°19	1°13	29°17	24°40	22°13	29°34	7°37	8°59	17°16	n.a.	M23
T 24	1 20 7	19° 8'31	13°42	24°53	21°54	28° 1	1° 5	29°24	24°40	22°12	29°34	7°34	8°56	17°22	n.a.	T 24
W25	1 24 4	20° 9'38	27°51	26°27	23°10	28°43	0°57	29°31	24°39	22°10	29°34	7°29	8°52	17°29	n.a.	W25
T 26	1 28 0	21°10'46	12♍28	28° 0	24°25	29°25	0°49	29°38	24°38	22° 8	29°D34	7°23	8°49	17°36	n.a.	T 26
F 27	1 31 57	22°11'56	27°28	29°34	25°41	0♎ 7	0°41	29°44	24°38	22° 7	29°34	7°16	8°46	17°42	n.a.	F 27
S 28	1 35 54	23°13'06	12♎43	1♏ 8	26°56	0°49	0°33	29°51	24°37	22° 5	29°34	7° 8	8°43	17°49	n.a.	S 28
S 29	1 39 50	24°14'17	28° 1	2°42	28°12	1°31	0°25	29°58	24°36	22° 3	29°34	7° 2	8°40	17°56	n.a.	S 29
M30	1 43 47	25°15'29	13♏13	4°16	29°27	2°14	0°17	0♎ 4	24°35	22° 1	29°34	6°58	8°36	18° 2	n.a.	M30
T 31	1 47 43	26♎16'42	28♏ 8	5♏49	0♏43	2♎56	0♉ 9	0♎11	24♊34	22♈ 0	29♑34	6♊56	8♊33	18♈ 9	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	1n41	4s24	3n49	5n54	1n18	3n57	1n12	7n59	0n54	11n53	1s 8	3n29	2n22	24n 5	0n20	7n 8	2s 3	34s51	14s40	22n14	22n22	2n 2			n.a.
M 2	1 17	10 44	2 50	5 10	1 12	3 26	1 11	7 43	0 54	11 51	1 8	3 26	2 22	24 5	0 20	7 7	2 3	34 51	14 39	22 13	22 21	2 5			n.a.
T 3	0 52	16 20	1 41	4 25	1 6	2 54	1 9	7 26	0 53	11 50	1 8	3 23	2 22	24 5	0 20	7 7	2 3	34 51	14 39	22 12	22 21	2 8			n.a.
W 4	0 28	20 52	0 27	3 41	1 0	2 22	1 8	7 10	0 53	11 48	1 8	3 20	2 22	24 5	0 20	7 6	2 3	34 51	14 39	22 12	22 20	2 11			n.a.
T 5	0 3	24 3	0s46	2 56	0 54	1 50	1 6	6 53	0 53	11 46	1 8	3 17	2 22	24 5	0 20	7 6	2 3	34 51	14 39	22 12	22 20	2 14			n.a.
F 6	0s21	25 46	1 55	2 11	0 48	1 18	1 5	6 37	0 52	11 44	1 8	3 14	2 22	24 5	0 20	7 5	2 3	34 50	14 38	22 12	22 19	2 18			n.a.
S 7	0 46	25 59	2 55	1 27	0 42	0 46	1 3	6 20	0 52	11 42	1 8	3 12	2 22	24 5	0 20	7 4	2 3	34 50	14 38	22 12	22 19	2 21			n.a.
S 8	1 10	24 49	3 46	0 42	0 36	0 14	1 2	6 3	0 51	11 40	1 8	3 9	2 22	24 5	0 20	7 4	2 3	34 50	14 38	22 12	22 18	2 24			n.a.
M 9	1 35	22 25	4 24	0s 3	0 29	0s18	1 0	5 47	0 51	11 37	1 8	3 6	2 22	24 5	0 20	7 3	2 3	34 50	14 38	22 11	22 18	2 27			n.a.
T 10	1 59	19 2	4 50	0 48	0 23	0 50	0 58	5 30	0 51	11 35	1 8	3 3	2 22	24 5	0 20	7 2	2 3	34 50	14 37	22 9	22 17	2 30			n.a.
W11	2 24	14 53	5 2	1 32	0 16	1 22	0 57	5 13	0 50	11 33	1 8	3 0	2 22	24 5	0 20	7 2	2 3	34 50	14 37	22 8	22 17	2 33			n.a.
T 12	2 48	10 12	5 0	2 17	0 10	1 54	0 55	4 56	0 50	11 31	1 8	2 58	2 22	24 5	0 20	7 1	2 3	34 49	14 37	22 6	22 17	2 36			n.a.
F 13	3 13	5 10	4 45	3 1	0 3	2 26	0 53	4 39	0 50	11 28	1 8	2 55	2 22	24 5	0 20	7 1	2 3	34 49	14 36	22 4	22 16	2 39			n.a.
S 14	3 37	0n 2	4 18	3 45	0s 3	2 58	0 51	4 22	0 49	11 26	1 8	2 52	2 22	24 5	0 20	7 0	2 3	34 49	14 36	22 2	22 16	2 42			n.a.
S 15	4 1	5 13	3 40	4 29	0 10	3 30	0 49	4 5	0 49	11 24	1 8	2 49	2 22	24 5	0 20	6 59	2 3	34 49	14 36	22 0	22 15	2 45			n.a.
M16	4 26	10 14	2 52	5 12	0 16	4 2	0 47	3 48	0 48	11 21	1 8	2 46	2 22	24 5	0 20	6 59	2 3	34 48	14 35	21 59	22 15	2 48			n.a.
T 17	4 50	14 53	1 56	5 55	0 23	4 34	0 45	3 31	0 48	11 19	1 8	2 44	2 22	24 5	0 20	6 58	2 3	34 48	14 35	21 58	22 14	2 51			n.a.
W18	5 14	19 1	0 55	6 38	0 29	5 5	0 43	3 13	0 47	11 16	1 8	2 41	2 22	24 5	0 20	6 57	2 3	34 48	14 35	21 58	22 14	2 55			n.a.
T 19	5 38	22 24	0n 9	7 21	0 35	5 37	0 41	2 56	0 47	11 14	1 8	2 38	2 22	24 5	0 20	6 57	2 3	34 48	14 35	21 58	22 13	2 58			n.a.
F 20	6 2	24 50	1 15	8 3	0 42	6 8	0 39	2 39	0 47	11 11	1 8	2 36	2 22	24 5	0 20	6 56	2 3	34 47	14 34	21 58	22 13	3 1			n.a.
S 21	6 26	26 5	2 17	8 45	0 48	6 39	0 37	2 21	0 46	11 8	1 7	2 33	2 22	24 5	0 20	6 56	2 3	34 47	14 34	21 58	22 12	3 4			n.a.
S 22	6 50	26 1	3 15	9 27	0 54	7 11	0 35	2 4	0 46	11 6	1 7	2 30	2 22	24 5	0 20	6 55	2 3	34 47	14 34	21 58	22 12	3 7			n.a.
M23	7 14	24 29	4 5	10 8	1 0	7 42	0 33	1 47	0 45	11 3	1 7	2 27	2 22	24 6	0 20	6 54	2 3	34 47	14 33	21 58	22 11	3 10			n.a.
T 24	7 37	21 30	4 42	10 49	1 5	8 12	0 31	1 29	0 45	11 0	1 7	2 25	2 22	24 6	0 20	6 54	2 3	34 46	14 33	21 57	22 11	3 13			n.a.
W25	8 1	17 10	5 4	11 29	1 11	8 43	0 28	1 12	0 44	10 58	1 7	2 22	2 22	24 6	0 20	6 53	2 3	34 46	14 33	21 57	22 10	3 16			n.a.
T 26	8 24	11 42	5 7	12 8	1 17	9 13	0 26	0 54	0 44	10 55	1 7	2 19	2 23	24 6	0 20	6 52	2 3	34 46	14 32	21 56	22 10	3 19			n.a.
F 27	8 47	5 26	4 49	12 47	1 22	9 44	0 24	0 37	0 44	10 52	1 7	2 17	2 23	24 6	0 21	6 52	2 3	34 45	14 32	21 54	22 9	3 22			n.a.
S 28	9 11	1s16	4 11	13 26	1 27	10 14	0 22	0 19	0 43	10 49	1 7	2 14	2 23	24 5	0 21	6 51	2 3	34 45	14 32	21 53	22 9	3 25			n.a.
S 29	9 34	7 55	3 15	14 4	1 32	10 43	0 19	0 2	0 43	10 47	1 7	2 12	2 23	24 5	0 21	6 50	2 3	34 45	14 31	21 52	22 8	3 29			n.a.
M30	9 56	14 6	2 5	14 41	1 37	11 13	0 17	0s16	0 42	10 44	1 7	2 9	2 23	24 5	0 21	6 50	2 3	34 45	14 31	21 51	22 8	3 32			n.a.
T 31	10s19	19s19	0n48	15s17	1s42	11s42	0n15	0s33	0n42	10n41	1s 7	2n 6	2n23	24n 5	0n21	6n49	2s 3	34s44	14s31	21n51	22n 7	3n35			n.a.

Julian Day Number = 1208520.5, Delta T = 09h15m19s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'08, Lahiri = -23°20'07 Julian Calendar 1 Oct. 1405 BCE == Greg. Calendar 18 Sept. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

NOVEMBER 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 51 40	27♎17'56	12♐39	7♏23	1♏58	3♎38	0°R 0	0♎17	24°R33	21°R58	29♑34	6°D56	8♊30	18♈16	n.a.	W 1
T 2	1 55 36	28°19'10	26°43	8°57	3°14	4°21	29♈52	0°24	24♊32	21♈56	29°34	6♊57	8°27	18°22	n.a.	T 2
F 3	1 59 33	29°20'24	10♑19	10°31	4°30	5° 3	29°44	0°30	24°31	21°55	29°34	6°59	8°24	18°29	n.a.	F 3
S 4	2 3 30	0♏21'39	23°29	12° 4	5°45	5°46	29°36	0°37	24°30	21°53	29°35	7° 0	8°21	18°36	n.a.	S 4
S 5	2 7 26	1°22'54	6♒16	13°38	7° 1	6°28	29°28	0°43	24°28	21°51	29°35	7°R 0	8°17	18°43	n.a.	S 5
M 6	2 11 23	2°24'09	18°44	15°11	8°16	7°11	29°20	0°49	24°27	21°50	29°35	6°58	8°14	18°49	n.a.	M 6
T 7	2 15 19	3°25'25	0♓58	16°44	9°32	7°53	29°11	0°56	24°26	21°48	29°35	6°55	8°11	18°56	n.a.	T 7
W 8	2 19 16	4°26'40	13° 1	18°17	10°47	8°36	29° 3	1° 2	24°24	21°46	29°36	6°51	8° 8	19° 3	n.a.	W 8
T 9	2 23 12	5°27'56	24°57	19°50	12° 2	9°19	28°55	1° 8	24°23	21°45	29°36	6°45	8° 5	19° 9	n.a.	T 9
F 10	2 27 9	6°29'12	6♈49	21°22	13°18	10° 1	28°47	1°14	24°22	21°43	29°36	6°39	8° 1	19°16	n.a.	F 10
S 11	2 31 5	7°30'28	18°39	22°53	14°33	10°44	28°39	1°21	24°20	21°41	29°37	6°34	7°58	19°23	n.a.	S 11
S 12	2 35 2	8°31'44	0♉30	24°24	15°49	11°27	28°31	1°27	24°19	21°40	29°37	6°29	7°55	19°29	n.a.	S 12
M13	2 38 59	9°33'01	12°24	25°55	17° 4	12°10	28°23	1°33	24°17	21°38	29°38	6°26	7°52	19°36	n.a.	M13
T 14	2 42 55	10°34'18	24°21	27°24	18°20	12°52	28°15	1°39	24°15	21°37	29°38	6°23	7°49	19°43	n.a.	T 14
W15	2 46 52	11°35'35	6♊25	28°52	19°35	13°35	28° 8	1°45	24°14	21°35	29°39	6°D23	7°46	19°49	n.a.	W15
T 16	2 50 48	12°36'53	18°37	0♐18	20°50	14°18	28° 0	1°51	24°12	21°33	29°39	6°23	7°42	19°56	n.a.	T 16
F 17	2 54 45	13°38'11	0♋59	1°43	22° 6	15° 1	27°52	1°56	24°10	21°32	29°40	6°25	7°39	20° 3	n.a.	F 17
S 18	2 58 41	14°39'29	13°34	3° 5	23°21	15°44	27°45	2° 2	24° 8	21°30	29°40	6°26	7°36	20° 9	n.a.	S 18
S 19	3 2 38	15°40'47	26°26	4°25	24°36	16°27	27°37	2° 8	24° 6	21°29	29°41	6°28	7°33	20°16	n.a.	S 19
M20	3 6 35	16°42'06	9♌36	5°43	25°52	17°10	27°30	2°14	24° 5	21°27	29°41	6°29	7°30	20°23	n.a.	M20
T 21	3 10 31	17°43'24	23° 9	6°56	27° 7	17°53	27°23	2°19	24° 3	21°26	29°42	6°R29	7°27	20°30	n.a.	T 21
W22	3 14 28	18°44'43	7♍ 5	8° 6	28°22	18°36	27°16	2°25	24° 1	21°24	29°43	6°28	7°23	20°36	n.a.	W22
T 23	3 18 24	19°46'02	21°23	9°11	29°38	19°20	27° 9	2°30	23°59	21°23	29°43	6°27	7°20	20°43	n.a.	T 23
F 24	3 22 21	20°47'21	6♎ 3	10°10	0♐53	20° 3	27° 2	2°36	23°57	21°21	29°44	6°25	7°17	20°50	n.a.	F 24
S 25	3 26 17	21°48'40	20°58	11° 3	2° 8	20°46	26°55	2°41	23°55	21°20	29°45	6°22	7°14	20°56	n.a.	S 25
S 26	3 30 14	22°49'59	6♏ 1	11°49	3°24	21°29	26°48	2°47	23°52	21°19	29°45	6°21	7°11	21° 3	n.a.	S 26
M27	3 34 10	23°51'18	21° 3	12°27	4°39	22°13	26°42	2°52	23°50	21°17	29°46	6°20	7° 7	21°10	n.a.	M27
T 28	3 38 7	24°52'37	5♐56	12°56	5°54	22°56	26°35	2°57	23°48	21°16	29°47	6°D19	7° 4	21°16	n.a.	T 28
W29	3 42 4	25°53'55	20°31	13°15	7°10	23°40	26°29	3° 2	23°46	21°14	29°48	6°20	7° 1	21°23	n.a.	W29
T 30	3 46 0	26♏55'12	4♑44	13°R24	8♐25	24♎23	26♈23	3♎ 7	23♊44	21♈13	29♑49	6♊20	6♊58	21♈30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	10s41	23s14	0s31	15s53	1s46	12s11	0n12	0s51	0n41	10n38	1s 6	2n 4	2n23	24n 5	0n21	6n48	2s 3	34s44	14s30	21n51	22n 7	3n38		n.a.
T 2	11 4	25 35	1 46	16 28	1 50	12 39	0 10	1 8	0 41	10 35	1 6	2 1	2 23	24 5	0 21	6 48	2 3	34 43	14 30	21 51	22 6	3 41		n.a.
F 3	11 26	26 18	2 52	17 2	1 54	13 7	0 8	1 26	0 40	10 33	1 6	1 59	2 23	24 5	0 21	6 47	2 3	34 43	14 30	21 51	22 6	3 44		n.a.
S 4	11 48	25 30	3 46	17 35	1 58	13 35	0 5	1 43	0 40	10 30	1 6	1 56	2 23	24 5	0 21	6 47	2 3	34 43	14 30	21 52	22 5	3 47		n.a.
S 5	12 10	23 21	4 28	18 7	2 1	14 3	0 3	2 1	0 39	10 27	1 6	1 54	2 23	24 5	0 21	6 46	2 3	34 42	14 29	21 52	22 5	3 50		n.a.
M 6	12 31	20 9	4 56	18 39	2 4	14 30	0 0	2 18	0 39	10 24	1 6	1 51	2 24	24 5	0 21	6 45	2 3	34 42	14 29	21 51	22 4	3 53		n.a.
T 7	12 52	16 8	5 10	19 9	2 6	14 57	0s 2	2 36	0 38	10 22	1 6	1 49	2 24	24 5	0 21	6 45	2 3	34 42	14 29	21 51	22 4	3 56		n.a.
W 8	13 14	11 32	5 10	19 38	2 8	15 23	0 4	2 54	0 38	10 19	1 5	1 46	2 24	24 5	0 21	6 44	2 3	34 41	14 28	21 50	22 3	3 59		n.a.
T 9	13 34	6 33	4 56	20 5	2 10	15 49	0 7	3 11	0 37	10 16	1 5	1 44	2 24	24 5	0 21	6 44	2 3	34 41	14 28	21 49	22 2	4 3		n.a.
F 10	13 55	1 22	4 30	20 32	2 12	16 15	0 9	3 29	0 37	10 13	1 5	1 42	2 24	24 5	0 21	6 43	2 3	34 41	14 28	21 48	22 2	4 6		n.a.
S 11	14 16	3n52	3 52	20 57	2 12	16 40	0 11	3 46	0 36	10 11	1 5	1 39	2 24	24 5	0 21	6 42	2 3	34 40	14 27	21 47	22 1	4 9		n.a.
S 12	14 36	8 59	3 4	21 21	2 13	17 5	0 14	4 4	0 36	10 8	1 5	1 37	2 24	24 5	0 21	6 42	2 3	34 40	14 27	21 46	22 1	4 12		n.a.
M13	14 56	13 48	2 8	21 43	2 13	17 29	0 16	4 21	0 35	10 5	1 5	1 35	2 24	24 5	0 21	6 41	2 3	34 39	14 27	21 46	22 0	4 15		n.a.
T 14	15 15	18 8	1 6	22 4	2 12	17 53	0 19	4 39	0 35	10 2	1 4	1 32	2 25	24 5	0 21	6 41	2 3	34 39	14 26	21 45	22 0	4 18		n.a.
W15	15 35	21 46	0n 0	22 23	2 10	18 16	0 21	4 56	0 34	10 0	1 4	1 30	2 25	24 5	0 21	6 40	2 3	34 39	14 26	21 45	21 59	4 21		n.a.
T 16	15 54	24 28	1 7	22 40	2 8	18 39	0 23	5 13	0 33	9 57	1 4	1 28	2 25	24 5	0 21	6 39	2 3	34 38	14 26	21 45	21 59	4 24		n.a.
F 17	16 13	26 3	2 11	22 55	2 5	19 1	0 26	5 31	0 33	9 55	1 4	1 26	2 25	24 5	0 21	6 39	2 3	34 38	14 25	21 46	21 58	4 27		n.a.
S 18	16 31	26 19	3 11	23 8	2 2	19 23	0 28	5 48	0 32	9 52	1 4	1 23	2 25	24 5	0 21	6 38	2 3	34 37	14 25	21 46	21 58	4 30		n.a.
S 19	16 49	25 12	4 2	23 19	1 57	19 45	0 30	6 6	0 32	9 50	1 3	1 21	2 25	24 5	0 21	6 38	2 2	34 37	14 25	21 46	21 57	4 33		n.a.
M20	17 7	22 41	4 42	23 28	1 52	20 5	0 32	6 23	0 31	9 47	1 3	1 19	2 25	24 5	0 21	6 37	2 2	34 36	14 25	21 46	21 57	4 37		n.a.
T 21	17 25	18 52	5 8	23 35	1 46	20 25	0 35	6 40	0 31	9 45	1 3	1 17	2 26	24 5	0 21	6 37	2 2	34 36	14 24	21 46	21 56	4 40		n.a.
W22	17 42	13 56	5 16	23 40	1 38	20 45	0 37	6 57	0 30	9 42	1 3	1 15	2 26	24 5	0 21	6 36	2 2	34 36	14 24	21 46	21 56	4 43		n.a.
T 23	17 59	8 8	5 5	23 42	1 30	21 4	0 39	7 14	0 29	9 40	1 2	1 13	2 26	24 4	0 21	6 36	2 2	34 35	14 24	21 46	21 55	4 46		n.a.
F 24	18 16	1 45	4 35	23 41	1 20	21 22	0 41	7 32	0 29	9 38	1 2	1 11	2 26	24 4	0 21	6 35	2 2	34 35	14 23	21 46	21 55	4 49		n.a.
S 25	18 32	4s51	3 46	23 38	1 9	21 40	0 43	7 49	0 28	9 35	1 2	1 9	2 26	24 4	0 21	6 35	2 2	34 34	14 23	21 45	21 54	4 52		n.a.
S 26	18 48	11 15	2 40	23 33	0 57	21 57	0 46	8 6	0 28	9 33	1 2	1 7	2 26	24 4	0 21	6 34	2 2	34 34	14 23	21 45	21 53	4 55		n.a.
M27	19 4	17 0	1 24	23 25	0 44	22 13	0 48	8 23	0 27	9 31	1 2	1 5	2 27	24 4	0 21	6 34	2 2	34 33	14 23	21 45	21 53	4 58		n.a.
T 28	19 19	21 38	0 2	23 14	0 30	22 29	0 50	8 40	0 26	9 29	1 1	1 3	2 27	24 4	0 21	6 33	2 2	34 33	14 22	21 45	21 52	5 1		n.a.
W29	19 34	24 49	1s18	23 1	0 14	22 44	0 52	8 57	0 26	9 27	1 1	1 1	2 27	24 4	0 21	6 33	2 2	34 32	14 22	21 45	21 52	5 4		n.a.
T 30	19s49	26s18	2s31	22s45	0n 3	22s59	0s54	9s13	0n25	9n25	1s 1	0n59	2n27	24n 4	0n21	6n32	2s 2	34s32	14s22	21n45	21n51	5n 8		n.a.

Julian Day Number = 1208551.5, Delta T = 09h15m18s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°27'04, Lahiri = -23°20'03 Julian Calendar 1 Nov. 1405 BCE == Greg. Calendar 19 Oct. 1405 BCE

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ASTRODIENST EPHEMERIS for the year 1405 BCE
geocentric

DECEMBER 1405 BCE (-1404) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 49 57	27♏56'29	18♉30	13°R21	9♐40	25♎ 6	26°R17	3♎12	23°R41	21°R12	29♉49	6♊21	6♊55	21♈36	n.a.	F 1
S 2	3 53 53	28°57'45	1♒50	13♐ 7	10°55	25°50	26♈11	3°17	23♊39	21♈11	29°50	6°22	6°52	21°43	n.a.	S 2
S 3	3 57 50	29°59'01	14°45	12°41	12°10	26°34	26° 6	3°22	23°37	21° 9	29°51	6°23	6°48	21°50	n.a.	S 3
M 4	4 1 46	1♐ 0'15	27°18	12° 3	13°26	27°17	26° 0	3°27	23°35	21° 8	29°52	6°R23	6°45	21°56	n.a.	M 4
T 5	4 5 43	2° 1'28	9♓33	11°15	14°41	28° 1	25°55	3°32	23°32	21° 7	29°53	6°23	6°42	22° 3	n.a.	T 5
W 6	4 9 40	3° 2'41	21°36	10°16	15°56	28°44	25°50	3°36	23°30	21° 6	29°54	6°23	6°39	22°10	n.a.	W 6
T 7	4 13 36	4° 3'52	3♈30	9°10	17°11	29°28	25°45	3°41	23°27	21° 4	29°55	6°22	6°36	22°17	n.a.	T 7
F 8	4 17 33	5° 5'02	15°20	7°57	18°26	0♏12	25°40	3°45	23°25	21° 3	29°56	6°22	6°33	22°23	n.a.	F 8
S 9	4 21 29	6° 6'12	27°10	6°41	19°41	0°55	25°35	3°50	23°22	21° 2	29°57	6°D22	6°29	22°30	n.a.	S 9
S 10	4 25 26	7° 7'20	9♉ 2	5°23	20°56	1°39	25°31	3°54	23°20	21° 1	29°58	6°22	6°26	22°37	n.a.	S 10
M11	4 29 22	8° 8'28	21° 1	4° 6	22°11	2°23	25°26	3°59	23°18	21° 0	29°59	6°22	6°23	22°43	n.a.	M11
T 12	4 33 19	9° 9'34	3♊ 8	2°52	23°26	3° 7	25°22	4° 3	23°15	20°59	0♒ 0	6°R22	6°20	22°50	n.a.	T 12
W13	4 37 15	10°10'40	15°25	1°44	24°41	3°51	25°18	4° 7	23°12	20°58	0° 1	6°22	6°17	22°57	n.a.	W13
T 14	4 41 12	11°11'45	27°53	0°42	25°56	4°35	25°15	4°11	23°10	20°57	0° 2	6°22	6°13	23° 3	n.a.	T 14
F 15	4 45 9	12°12'48	10♋33	29♏48	27°11	5°19	25°11	4°15	23° 7	20°56	0° 4	6°21	6°10	23°10	n.a.	F 15
S 16	4 49 5	13°13'51	23°27	29° 2	28°26	6° 3	25° 8	4°19	23° 5	20°55	0° 5	6°20	6° 7	23°17	n.a.	S 16
S 17	4 53 2	14°14'53	6♌34	28°25	29°41	6°47	25° 5	4°23	23° 2	20°54	0° 6	6°19	6° 4	23°23	n.a.	S 17
M18	4 56 58	15°15'54	19°55	27°57	0♉56	7°31	25° 2	4°26	23° 0	20°54	0° 7	6°18	6° 1	23°30	n.a.	M18
T 19	5 0 55	16°16'54	3♍31	27°38	2°11	8°15	24°59	4°30	22°57	20°53	0° 8	6°18	5°58	23°37	n.a.	T 19
W20	5 4 51	17°17'53	17°22	27°28	3°26	8°59	24°56	4°33	22°54	20°52	0° 9	6°D17	5°54	23°43	n.a.	W20
T 21	5 8 48	18°18'51	1♎28	27°D25	4°41	9°43	24°54	4°37	22°52	20°51	0°11	6°18	5°51	23°50	n.a.	T 21
F 22	5 12 45	19°19'49	15°46	27°31	5°56	10°27	24°52	4°40	22°49	20°50	0°12	6°19	5°48	23°57	n.a.	F 22
S 23	5 16 41	20°20'45	0♏15	27°43	7°11	11°11	24°50	4°44	22°47	20°50	0°13	6°20	5°45	24° 3	n.a.	S 23
S 24	5 20 38	21°21'40	14°51	28° 2	8°26	11°56	24°48	4°47	22°44	20°49	0°14	6°21	5°42	24°10	n.a.	S 24
M25	5 24 34	22°22'34	29°28	28°27	9°40	12°40	24°47	4°50	22°41	20°48	0°16	6°R21	5°39	24°17	n.a.	M25
T 26	5 28 31	23°23'27	14♐ 1	28°58	10°55	13°24	24°45	4°53	22°39	20°48	0°17	6°21	5°35	24°24	n.a.	T 26
W27	5 32 27	24°24'18	28°23	29°34	12°10	14° 8	24°44	4°56	22°36	20°47	0°18	6°20	5°32	24°30	n.a.	W27
T 28	5 36 24	25°25'09	12♑29	0♐14	13°25	14°53	24°43	4°59	22°33	20°47	0°20	6°18	5°29	24°37	n.a.	T 28
F 29	5 40 20	26°25'57	26°15	0°59	14°39	15°37	24°42	5° 2	22°31	20°46	0°21	6°16	5°26	24°44	n.a.	F 29
S 30	5 44 17	27°26'44	9♒38	1°47	15°54	16°22	24°42	5° 4	22°28	20°46	0°22	6°12	5°23	24°50	n.a.	S 30
S 31	5 48 14	28♐27'29	22♒38	2♐39	17♑ 9	17♏ 6	24♈41	5♎ 7	22♊26	20♈45	0♒24	6♊ 9	5♊19	24♈57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s 3	26s 5	3s33	22s27	0n21	23s13	0s56	9s30	0n25	9n23	1s 1	0n57	2n27	24n 4	0n21	6n32	2s 2	34s31	14s21	21n45	21n51	5n11		n.a.
S 2	20 17	24 21	4 22	22 7	0 40	23 26	0 58	9 47	0 24	9 21	1 0	0 55	2 28	24 4	0 21	6 31	2 2	34 31	14 21	21 45	21 50	5 14		n.a.
S 3	20 30	21 23	4 55	21 44	0 59	23 38	1 0	10 4	0 23	9 19	1 0	0 53	2 28	24 4	0 21	6 31	2 2	34 30	14 21	21 45	21 50	5 17		n.a.
M 4	20 43	17 31	5 13	21 20	1 19	23 50	1 1	10 20	0 23	9 17	1 0	0 52	2 28	24 4	0 21	6 31	2 2	34 30	14 21	21 45	21 49	5 20		n.a.
T 5	20 56	13 0	5 17	20 54	1 38	24 1	1 3	10 37	0 22	9 16	1 0	0 50	2 28	24 3	0 21	6 30	2 2	34 30	14 20	21 45	21 49	5 23		n.a.
W 6	21 8	8 4	5 6	20 27	1 57	24 11	1 5	10 53	0 21	9 14	0 59	0 48	2 28	24 3	0 21	6 30	2 2	34 29	14 20	21 45	21 48	5 26		n.a.
T 7	21 20	2 54	4 43	19 59	2 16	24 20	1 7	11 9	0 21	9 12	0 59	0 47	2 28	24 3	0 21	6 29	2 2	34 29	14 20	21 45	21 48	5 29		n.a.
F 8	21 31	2n21	4 7	19 31	2 32	24 29	1 8	11 26	0 20	9 11	0 59	0 45	2 29	24 3	0 21	6 29	2 2	34 28	14 20	21 45	21 47	5 32		n.a.
S 9	21 42	7 31	3 21	19 3	2 47	24 37	1 10	11 42	0 19	9 9	0 58	0 43	2 29	24 3	0 22	6 29	2 2	34 28	14 19	21 45	21 46	5 35		n.a.
S 10	21 53	12 27	2 26	18 37	3 1	24 44	1 12	11 58	0 19	9 8	0 58	0 42	2 29	24 3	0 22	6 28	2 2	34 27	14 19	21 45	21 46	5 38		n.a.
M11	22 3	16 58	1 24	18 12	3 11	24 51	1 13	12 14	0 18	9 7	0 58	0 40	2 29	24 3	0 22	6 28	2 1	34 27	14 19	21 45	21 45	5 42		n.a.
T 12	22 13	20 52	0 18	17 50	3 20	24 56	1 15	12 30	0 17	9 5	0 58	0 39	2 30	24 3	0 22	6 28	2 1	34 26	14 19	21 45	21 45	5 45		n.a.
W13	22 22	23 53	0n50	17 31	3 26	25 1	1 16	12 46	0 17	9 4	0 57	0 37	2 30	24 3	0 22	6 27	2 1	34 26	14 18	21 45	21 44	5 48		n.a.
T 14	22 31	25 47	1 57	17 15	3 29	25 5	1 17	13 1	0 16	9 3	0 57	0 36	2 30	24 2	0 22	6 27	2 1	34 25	14 18	21 45	21 44	5 51		n.a.
F 15	22 39	26 24	2 59	17 2	3 31	25 9	1 19	13 17	0 15	9 2	0 57	0 34	2 30	24 2	0 22	6 27	2 1	34 25	14 18	21 45	21 43	5 54		n.a.
S 16	22 47	25 36	3 53	16 53	3 30	25 11	1 20	13 32	0 15	9 1	0 57	0 33	2 30	24 2	0 22	6 26	2 1	34 24	14 18	21 45	21 43	5 57		n.a.
S 17	22 55	23 24	4 35	16 47	3 28	25 13	1 21	13 48	0 14	9 0	0 56	0 32	2 31	24 2	0 22	6 26	2 1	34 24	14 18	21 45	21 42	6 0		n.a.
M18	23 2	19 53	5 4	16 45	3 24	25 14	1 22	14 3	0 13	8 59	0 56	0 30	2 31	24 2	0 22	6 26	2 1	34 23	14 17	21 45	21 41	6 3		n.a.
T 19	23 8	15 17	5 17	16 45	3 19	25 14	1 24	14 18	0 12	8 59	0 56	0 29	2 31	24 2	0 22	6 25	2 1	34 23	14 17	21 44	21 41	6 6		n.a.
W20	23 15	9 50	5 11	16 49	3 12	25 14	1 25	14 33	0 12	8 58	0 55	0 28	2 31	24 2	0 22	6 25	2 1	34 22	14 17	21 44	21 40	6 9		n.a.
T 21	23 20	3 47	4 47	16 56	3 5	25 12	1 26	14 48	0 11	8 57	0 55	0 27	2 32	24 2	0 22	6 25	2 1	34 22	14 17	21 44	21 40	6 13		n.a.
F 22	23 25	2s33	4 5	17 5	2 57	25 10	1 27	15 3	0 10	8 57	0 55	0 26	2 32	24 1	0 22	6 25	2 1	34 21	14 16	21 45	21 39	6 16		n.a.
S 23	23 30	8 51	3 7	17 16	2 48	25 7	1 27	15 18	0 9	8 56	0 55	0 24	2 32	24 1	0 22	6 25	2 1	34 21	14 16	21 45	21 39	6 19		n.a.
S 24	23 34	14 44	1 56	17 29	2 39	25 3	1 28	15 33	0 9	8 56	0 54	0 23	2 32	24 1	0 22	6 24	2 1	34 20	14 16	21 45	21 38	6 22		n.a.
M25	23 38	19 46	0 38	17 44	2 30	24 59	1 29	15 47	0 8	8 56	0 54	0 22	2 32	24 1	0 22	6 24	2 1	34 20	14 16	21 45	21 37	6 25		n.a.
T 26	23 42	23 35	0s42	18 0	2 20	24 53	1 30	16 1	0 7	8 55	0 54	0 21	2 33	24 1	0 22	6 24	2 1	34 19	14 16	21 45	21 37	6 28		n.a.
W27	23 44	25 50	1 59	18 18	2 10	24 47	1 30	16 16	0 6	8 55	0 53	0 20	2 33	24 1	0 22	6 24	2 0	34 19	14 16	21 45	21 36	6 31		n.a.
T 28	23 47	26 21	3 6	18 36	2 0	24 41	1 31	16 30	0 6	8 55	0 53	0 19	2 33	24 1	0 22	6 24	2 0	34 18	14 15	21 45	21 36	6 34		n.a.
F 29	23 49	25 13	4 2	18 56	1 50	24 33	1 31	16 44	0 5	8 55	0 53	0 19	2 33	24 0	0 22	6 24	2 0	34 18	14 15	21 44	21 35	6 37		n.a.
S 30	23 50	22 40	4 42	19 16	1 40	24 25	1 32	16 57	0 4	8 55	0 53	0 18	2 34	24 0	0 22	6 23	2 0	34 17	14 15	21 43	21 35	6 40		n.a.
S 31	23s51	19s 1	5s 6	19s36	1n29	24s16	1s32	17s11	0n 3	8n55	0s52	0n17	2n34	24n 0	0n22	6n23	2s 0	34s17	14s15	21n43	21n34	6n43		n.a.

Julian Day Number = 1208581.5, Delta T = 09h15m16s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'59, Lahiri = -23°19'59 Julian Calendar 1 Dec. 1405 BCE == Greg. Calendar 18 Nov. 1405 BCE

The year -1404 astronomical counting style corresponds to year 1405 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

JANUARY 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 52 10	29♐28'12	5♓16	3♐35	18♑24	17♏50	24°D41	5♎ 9	22°R23	20°R45	0♒25	6°R 6	5♊16	25♈ 4	n.a.	M 1
T 2	5 56 7	0♑28'53	17°35	4°33	19°38	18°35	24♈41	5°12	22♊20	20♈44	0°27	6♊ 5	5°13	25°10	n.a.	T 2
W 3	6 0 3	1°29'32	29°40	5°34	20°53	19°19	24°42	5°14	22°18	20°44	0°28	6°D 4	5°10	25°17	n.a.	W 3
T 4	6 4 0	2°30'10	11♈35	6°38	22° 7	20° 4	24°42	5°16	22°15	20°44	0°29	6° 4	5° 7	25°24	n.a.	T 4
F 5	6 7 56	3°30'45	23°25	7°43	23°22	20°49	24°43	5°18	22°13	20°44	0°31	6° 5	5° 4	25°30	n.a.	F 5
S 6	6 11 53	4°31'19	5♉15	8°51	24°36	21°33	24°44	5°20	22°10	20°43	0°32	6° 7	5° 0	25°37	n.a.	S 6
S 7	6 15 49	5°31'50	17° 9	10° 1	25°51	22°18	24°45	5°22	22° 8	20°43	0°34	6° 9	4°57	25°44	n.a.	S 7
M 8	6 19 46	6°32'20	29°13	11°13	27° 5	23° 2	24°46	5°24	22° 5	20°43	0°35	6°10	4°54	25°50	n.a.	M 8
T 9	6 23 43	7°32'48	11♊28	12°27	28°20	23°47	24°48	5°26	22° 3	20°43	0°37	6°R10	4°51	25°57	n.a.	T 9
W10	6 27 39	8°33'13	23°58	13°42	29°34	24°32	24°49	5°27	22° 0	20°43	0°38	6° 9	4°48	26° 4	n.a.	W10
T 11	6 31 36	9°33'37	6♋45	14°59	0♒48	25°16	24°51	5°29	21°58	20°43	0°40	6° 6	4°45	26°10	n.a.	T 11
F 12	6 35 32	10°34'00	19°47	16°18	2° 3	26° 1	24°53	5°30	21°55	20°43	0°41	6° 1	4°41	26°17	n.a.	F 12
S 13	6 39 29	11°34'20	3♌ 6	17°38	3°17	26°46	24°55	5°31	21°53	20°D43	0°43	5°55	4°38	26°24	n.a.	S 13
S 14	6 43 25	12°34'38	16°38	18°59	4°31	27°31	24°58	5°33	21°50	20°43	0°44	5°49	4°35	26°30	n.a.	S 14
M15	6 47 22	13°34'55	0♍22	20°22	5°46	28°16	25° 0	5°34	21°48	20°43	0°46	5°43	4°32	26°37	n.a.	M15
T 16	6 51 18	14°35'10	14°15	21°46	7° 0	29° 0	25° 3	5°35	21°46	20°43	0°47	5°39	4°29	26°44	n.a.	T 16
W17	6 55 15	15°35'23	28°15	23°11	8°14	29°45	25° 6	5°36	21°43	20°43	0°49	5°35	4°25	26°50	n.a.	W17
T 18	6 59 12	16°35'35	12♎20	24°37	9°28	0♐30	25°10	5°36	21°41	20°43	0°50	5°D34	4°22	26°57	n.a.	T 18
F 19	7 3 8	17°35'45	26°28	26° 5	10°42	1°15	25°13	5°37	21°39	20°43	0°52	5°34	4°19	27° 4	n.a.	F 19
S 20	7 7 5	18°35'53	10♏39	27°33	11°56	2° 0	25°16	5°38	21°36	20°43	0°53	5°35	4°16	27°10	n.a.	S 20
S 21	7 11 1	19°36'00	24°49	29° 3	13°10	2°45	25°20	5°38	21°34	20°44	0°55	5°37	4°13	27°17	n.a.	S 21
M22	7 14 58	20°36'04	8♐58	0♑34	14°24	3°30	25°24	5°39	21°32	20°44	0°57	5°R37	4°10	27°24	n.a.	M22
T 23	7 18 54	21°36'07	23° 3	2° 6	15°38	4°15	25°28	5°39	21°30	20°44	0°58	5°36	4° 6	27°30	n.a.	T 23
W24	7 22 51	22°36'09	7♑ 0	3°40	16°52	5° 0	25°33	5°39	21°28	20°45	1° 0	5°32	4° 3	27°37	n.a.	W24
T 25	7 26 47	23°36'08	20°46	5°14	18° 6	5°45	25°37	5°39	21°25	20°45	1° 1	5°26	4° 0	27°44	n.a.	T 25
F 26	7 30 44	24°36'05	4♒17	6°50	19°20	6°30	25°42	5°R39	21°23	20°46	1° 3	5°18	3°57	27°51	n.a.	F 26
S 27	7 34 41	25°36'00	17°31	8°26	20°34	7°15	25°47	5°39	21°21	20°46	1° 4	5° 9	3°54	27°57	n.a.	S 27
S 28	7 38 37	26°35'53	0♓27	10° 4	21°48	8° 0	25°52	5°39	21°19	20°47	1° 6	5° 0	3°51	28° 4	n.a.	S 28
M29	7 42 34	27°35'43	13° 4	11°43	23° 1	8°45	25°57	5°39	21°17	20°47	1° 8	4°52	3°47	28°11	n.a.	M29
T 30	7 46 30	28°35'31	25°24	13°23	24°15	9°30	26° 2	5°38	21°15	20°48	1° 9	4°45	3°44	28°17	n.a.	T 30
W31	7 50 27	29♑35'16	7♈29	15♑ 4	25♒29	10♐15	26♈ 8	5♎38	21♊14	20♈48	1♒11	4♊40	3♊41	28♈24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s52	14s36	5s15	19s56	1n19	24s 6	1s32	17s24	0n 3	8n55	0s52	0n16	2n34	24n 0	0n22	6n23	2s 0	34s16	14s15	21n42	21n33	6n47		n.a.
T 2	23 52	9 42	5 8	20 17	1 9	23 55	1 33	17 38	0 2	8 56	0 52	0 15	2 34	24 0	0 22	6 23	2 0	34 16	14 15	21 42	21 33	6 50		n.a.
W 3	23 51	4 32	4 49	20 38	1 0	23 44	1 33	17 51	0 1	8 56	0 51	0 15	2 35	24 0	0 22	6 23	2 0	34 16	14 15	21 42	21 32	6 53		n.a.
T 4	23 50	0n44	4 16	20 59	0 50	23 32	1 33	18 4	0 0	8 57	0 51	0 14	2 35	24 0	0 22	6 23	2 0	34 15	14 14	21 42	21 32	6 56		n.a.
F 5	23 49	5 57	3 34	21 19	0 40	23 19	1 33	18 17	0s 1	8 57	0 51	0 13	2 35	23 59	0 22	6 23	2 0	34 15	14 14	21 42	21 31	6 59		n.a.
S 6	23 47	10 58	2 42	21 39	0 31	23 6	1 33	18 30	0 1	8 58	0 51	0 13	2 35	23 59	0 22	6 23	2 0	34 14	14 14	21 43	21 31	7 2		n.a.
S 7	23 45	15 37	1 42	21 59	0 22	22 52	1 33	18 42	0 2	8 58	0 50	0 12	2 36	23 59	0 22	6 23	2 0	34 14	14 14	21 43	21 30	7 5		n.a.
M 8	23 42	19 43	0 38	22 19	0 13	22 37	1 32	18 54	0 3	8 59	0 50	0 12	2 36	23 59	0 22	6 23	2 0	34 13	14 14	21 43	21 29	7 8		n.a.
T 9	23 38	23 2	0n29	22 37	0 4	22 22	1 32	19 7	0 4	9 0	0 50	0 11	2 36	23 59	0 22	6 23	2 0	34 13	14 14	21 43	21 29	7 11		n.a.
W10	23 35	25 19	1 36	22 55	0s 5	22 6	1 32	19 19	0 5	9 1	0 49	0 11	2 36	23 59	0 22	6 23	1 59	34 12	14 14	21 43	21 28	7 14		n.a.
T 11	23 31	26 20	2 39	23 13	0 13	21 49	1 31	19 30	0 5	9 2	0 49	0 11	2 37	23 59	0 22	6 23	1 59	34 12	14 14	21 42	21 28	7 17		n.a.
F 12	23 26	25 56	3 36	23 30	0 21	21 32	1 31	19 42	0 6	9 3	0 49	0 10	2 37	23 58	0 22	6 23	1 59	34 11	14 13	21 41	21 27	7 20		n.a.
S 13	23 21	24 2	4 21	23 45	0 29	21 14	1 30	19 54	0 7	9 4	0 49	0 10	2 37	23 58	0 22	6 23	1 59	34 11	14 13	21 40	21 26	7 24		n.a.
S 14	23 15	20 47	4 53	24 0	0 37	20 55	1 30	20 5	0 8	9 5	0 48	0 10	2 37	23 58	0 22	6 23	1 59	34 11	14 13	21 39	21 26	7 27		n.a.
M15	23 9	16 20	5 9	24 14	0 44	20 36	1 29	20 16	0 9	9 6	0 48	0 10	2 38	23 58	0 22	6 23	1 59	34 10	14 13	21 38	21 25	7 30		n.a.
T 16	23 3	11 0	5 7	24 27	0 51	20 16	1 28	20 27	0 10	9 8	0 48	0 9	2 38	23 58	0 22	6 23	1 59	34 10	14 13	21 37	21 25	7 33		n.a.
W17	22 56	5 5	4 47	24 39	0 58	19 56	1 27	20 38	0 11	9 9	0 47	0 9	2 38	23 58	0 22	6 24	1 59	34 9	14 13	21 37	21 24	7 36		n.a.
T 18	22 49	1s 9	4 9	24 50	1 5	19 35	1 27	20 48	0 11	9 10	0 47	0 9	2 38	23 58	0 22	6 24	1 59	34 9	14 13	21 37	21 23	7 39		n.a.
F 19	22 41	7 21	3 16	24 59	1 11	19 14	1 26	20 58	0 12	9 12	0 47	0 9	2 39	23 57	0 22	6 24	1 59	34 8	14 13	21 37	21 23	7 42		n.a.
S 20	22 33	13 12	2 11	25 7	1 17	18 52	1 25	21 8	0 13	9 13	0 47	0 9	2 39	23 57	0 22	6 24	1 59	34 8	14 13	21 37	21 22	7 45		n.a.
S 21	22 24	18 22	0 58	25 14	1 23	18 29	1 23	21 18	0 14	9 15	0 46	0 9	2 39	23 57	0 22	6 24	1 59	34 7	14 13	21 37	21 22	7 48		n.a.
M22	22 15	22 29	0s18	25 19	1 28	18 6	1 22	21 28	0 15	9 17	0 46	0 9	2 39	23 57	0 22	6 24	1 59	34 7	14 13	21 37	21 21	7 51		n.a.
T 23	22 6	25 13	1 33	25 24	1 33	17 43	1 21	21 38	0 16	9 19	0 46	0 9	2 40	23 57	0 22	6 25	1 59	34 7	14 13	21 37	21 20	7 54		n.a.
W24	21 56	26 21	2 41	25 26	1 38	17 19	1 20	21 47	0 17	9 20	0 46	0 9	2 40	23 57	0 22	6 25	1 58	34 6	14 13	21 36	21 20	7 57		n.a.
T 25	21 45	25 50	3 39	25 27	1 42	16 55	1 18	21 56	0 18	9 22	0 45	0 10	2 40	23 57	0 22	6 25	1 58	34 6	14 13	21 35	21 19	8 0		n.a.
F 26	21 35	23 47	4 23	25 27	1 46	16 30	1 17	22 5	0 18	9 24	0 45	0 10	2 40	23 56	0 22	6 25	1 58	34 5	14 13	21 34	21 19	8 4		n.a.
S 27	21 24	20 29	4 52	25 25	1 50	16 5	1 15	22 13	0 19	9 26	0 45	0 10	2 41	23 56	0 22	6 26	1 58	34 5	14 13	21 32	21 18	8 7		n.a.
S 28	21 12	16 15	5 5	25 21	1 53	15 39	1 14	22 22	0 20	9 28	0 45	0 10	2 41	23 56	0 22	6 26	1 58	34 5	14 13	21 30	21 17	8 10		n.a.
M29	21 0	11 25	5 3	25 15	1 56	15 13	1 12	22 30	0 21	9 30	0 44	0 11	2 41	23 56	0 22	6 26	1 58	34 4	14 13	21 29	21 17	8 13		n.a.
T 30	20 48	6 14	4 47	25 8	1 58	14 47	1 10	22 38	0 22	9 33	0 44	0 11	2 41	23 56	0 22	6 26	1 58	34 4	14 13	21 28	21 16	8 16		n.a.
W31	20s36	0s55	4s18	24s59	2s 0	14s20	1s 9	22s46	0s23	9n35	0s44	0n12	2n42	23n56	0n22	6n27	1s58	34s 4	14s13	21n27	21n16	8n19		n.a.

Julian Day Number = 1208612.5, Delta T = 09h15m14s
Ecliptic obliquity = 23°51'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'55, Lahiri = -23°19'55 Julian Calendar 1 Jan. 1404 BCE == Greg. Calendar 19 Dec. 1405 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

FEBRUARY 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 54 23	0♒34'59	19♈25	16♑46	26♒42	11♐ 1	26♈13	5°R37	21°R12	20♈49	1♒12	4°R37	3♊38	28♈31	n.a.	T 1
F 2	7 58 20	1°34'40	1♉15	18°30	27°56	11°46	26°19	5♎37	21♊10	20°50	1°14	4°D36	3°35	28°37	n.a.	F 2
S 3	8 2 16	2°34'19	13° 4	20°15	29° 9	12°31	26°25	5°36	21° 8	20°50	1°16	4♊37	3°31	28°44	n.a.	S 3
S 4	8 6 13	3°33'55	24°59	22° 1	0♓23	13°16	26°31	5°35	21° 6	20°51	1°17	4°37	3°28	28°51	n.a.	S 4
M 5	8 10 10	4°33'28	7♊ 4	23°48	1°36	14° 1	26°37	5°34	21° 5	20°52	1°19	4°R38	3°25	28°57	n.a.	M 5
T 6	8 14 6	5°32'59	19°24	25°36	2°49	14°46	26°44	5°33	21° 3	20°53	1°20	4°37	3°22	29° 4	n.a.	T 6
W 7	8 18 3	6°32'28	2♋ 3	27°26	4° 3	15°32	26°51	5°32	21° 1	20°54	1°22	4°33	3°19	29°11	n.a.	W 7
T 8	8 21 59	7°31'55	15° 3	29°17	5°16	16°17	26°57	5°30	21° 0	20°54	1°23	4°27	3°16	29°17	n.a.	T 8
F 9	8 25 56	8°31'19	28°25	1♌ 9	6°29	17° 2	27° 4	5°29	20°58	20°55	1°25	4°19	3°12	29°24	n.a.	F 9
S 10	8 29 52	9°30'41	12♎ 7	3° 2	7°42	17°47	27°11	5°28	20°57	20°56	1°27	4° 9	3° 9	29°31	n.a.	S 10
S 11	8 33 49	10°30'01	26° 7	4°57	8°55	18°32	27°18	5°26	20°55	20°57	1°28	3°58	3° 6	29°37	n.a.	S 11
M12	8 37 45	11°29'18	10♏19	6°53	10° 8	19°18	27°26	5°24	20°54	20°58	1°30	3°48	3° 3	29°44	n.a.	M12
T 13	8 41 42	12°28'34	24°38	8°50	11°21	20° 3	27°33	5°23	20°53	20°59	1°31	3°39	3° 0	29°51	n.a.	T 13
W14	8 45 38	13°27'47	8♎59	10°48	12°34	20°48	27°41	5°21	20°51	21° 0	1°33	3°32	2°57	29°57	n.a.	W14
T 15	8 49 35	14°26'59	23°17	12°47	13°47	21°34	27°49	5°19	20°50	21° 1	1°34	3°28	2°53	0♉ 4	n.a.	T 15
F 16	8 53 32	15°26'08	7♏29	14°47	15° 0	22°19	27°57	5°17	20°49	21° 3	1°36	3°27	2°50	0°11	n.a.	F 16
S 17	8 57 28	16°25'16	21°34	16°49	16°13	23° 4	28° 5	5°15	20°48	21° 4	1°38	3°D26	2°47	0°17	n.a.	S 17
S 18	9 1 25	17°24'22	5♐31	18°51	17°25	23°49	28°13	5°13	20°47	21° 5	1°39	3°R27	2°44	0°24	n.a.	S 18
M19	9 5 21	18°23'26	19°20	20°53	18°38	24°35	28°21	5°10	20°45	21° 6	1°41	3°26	2°41	0°31	n.a.	M19
T 20	9 9 18	19°22'29	3♑ 0	22°57	19°51	25°20	28°29	5° 8	20°44	21° 7	1°42	3°23	2°37	0°37	n.a.	T 20
W21	9 13 14	20°21'29	16°32	25° 0	21° 3	26° 5	28°38	5° 6	20°43	21° 9	1°44	3°17	2°34	0°44	n.a.	W21
T 22	9 17 11	21°20'27	29°53	27° 4	22°16	26°51	28°47	5° 3	20°43	21°10	1°45	3° 8	2°31	0°51	n.a.	T 22
F 23	9 21 7	22°19'23	13♒ 2	29° 8	23°28	27°36	28°55	5° 0	20°42	21°11	1°47	2°57	2°28	0°57	n.a.	F 23
S 24	9 25 4	23°18'17	25°58	1♓11	24°40	28°21	29° 4	4°58	20°41	21°13	1°48	2°44	2°25	1° 4	n.a.	S 24
S 25	9 29 1	24°17'09	8♓41	3°14	25°53	29° 7	29°13	4°55	20°40	21°14	1°50	2°31	2°22	1°11	n.a.	S 25
M26	9 32 57	25°15'59	21° 9	5°15	27° 5	29°52	29°23	4°52	20°39	21°15	1°51	2°18	2°18	1°17	n.a.	M26
T 27	9 36 54	26°14'46	3♈23	7°16	28°17	0♑37	29°32	4°49	20°39	21°17	1°53	2° 7	2°15	1°24	n.a.	T 27
W28	9 40 50	27♒13'31	15♈26	9♓14	29♓29	1♑22	29♈41	4♎46	20♊38	21♈18	1♒54	1♊59	2♊12	1♉31	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s23	4n22	3s38	24s48	2s 2	13s53	1s 7	22s53	0s24	9n37	0s44	0n12	2n42	23n56	0n22	6n27	1s58	34s 3	14s13	21n26	21n15	8n22		n.a.
F 2	20 10	9 28	2 49	24 35	2 3	13 25	1 5	23 0	0 25	9 40	0 43	0 13	2 42	23 55	0 22	6 27	1 58	34 3	14 13	21 26	21 14	8 25		n.a.
S 3	19 56	14 15	1 53	24 21	2 4	12 57	1 3	23 7	0 26	9 42	0 43	0 13	2 42	23 55	0 22	6 28	1 58	34 2	14 13	21 26	21 14	8 28		n.a.
S 4	19 42	18 31	0 51	24 4	2 4	12 29	1 1	23 14	0 27	9 45	0 43	0 14	2 43	23 55	0 22	6 28	1 58	34 2	14 13	21 26	21 13	8 31		n.a.
M 5	19 28	22 5	0n13	23 46	2 4	12 0	0 59	23 21	0 28	9 47	0 43	0 14	2 43	23 55	0 22	6 28	1 58	34 2	14 13	21 26	21 13	8 34		n.a.
T 6	19 13	24 44	1 18	23 25	2 4	11 32	0 57	23 27	0 29	9 50	0 42	0 15	2 43	23 55	0 22	6 29	1 58	34 1	14 13	21 26	21 12	8 37		n.a.
W 7	18 58	26 12	2 21	23 2	2 2	11 3	0 55	23 33	0 29	9 52	0 42	0 16	2 43	23 55	0 22	6 29	1 57	34 1	14 13	21 25	21 11	8 40		n.a.
T 8	18 43	26 16	3 18	22 38	2 1	10 33	0 52	23 39	0 30	9 55	0 42	0 16	2 44	23 55	0 22	6 29	1 57	34 1	14 13	21 24	21 11	8 43		n.a.
F 9	18 27	24 51	4 6	22 11	1 59	10 4	0 50	23 44	0 31	9 58	0 42	0 17	2 44	23 55	0 22	6 30	1 57	34 0	14 13	21 23	21 10	8 47		n.a.
S 10	18 11	21 56	4 41	21 42	1 56	9 34	0 48	23 50	0 32	10 1	0 41	0 18	2 44	23 55	0 22	6 30	1 57	34 0	14 13	21 21	21 9	8 50		n.a.
S 11	17 55	17 43	5 0	21 11	1 53	9 4	0 45	23 55	0 33	10 3	0 41	0 19	2 44	23 54	0 22	6 31	1 57	34 0	14 13	21 19	21 9	8 53		n.a.
M12	17 38	12 27	5 1	20 38	1 49	8 34	0 43	23 59	0 34	10 6	0 41	0 20	2 45	23 54	0 22	6 31	1 57	33 59	14 13	21 17	21 8	8 56		n.a.
T 13	17 22	6 29	4 43	20 3	1 45	8 3	0 40	24 4	0 35	10 9	0 41	0 21	2 45	23 54	0 22	6 32	1 57	33 59	14 13	21 15	21 8	8 59		n.a.
W14	17 4	0 9	4 7	19 26	1 40	7 32	0 38	24 8	0 36	10 12	0 40	0 21	2 45	23 54	0 22	6 32	1 57	33 59	14 14	21 14	21 7	9 2		n.a.
T 15	16 47	6s10	3 16	18 47	1 34	7 2	0 35	24 12	0 37	10 15	0 40	0 22	2 45	23 54	0 22	6 33	1 57	33 59	14 14	21 13	21 6	9 5		n.a.
F 16	16 29	12 9	2 13	18 5	1 28	6 31	0 33	24 16	0 38	10 18	0 40	0 23	2 45	23 54	0 22	6 33	1 57	33 58	14 14	21 13	21 6	9 8		n.a.
S 17	16 12	17 28	1 3	17 22	1 22	5 59	0 30	24 20	0 39	10 22	0 40	0 24	2 46	23 54	0 22	6 34	1 57	33 58	14 14	21 13	21 5	9 11		n.a.
S 18	15 53	21 47	0s11	16 37	1 14	5 28	0 27	24 23	0 40	10 25	0 39	0 26	2 46	23 54	0 22	6 34	1 57	33 58	14 14	21 13	21 4	9 14		n.a.
M19	15 35	24 48	1 23	15 50	1 7	4 57	0 24	24 26	0 41	10 28	0 39	0 27	2 46	23 54	0 22	6 35	1 57	33 57	14 14	21 13	21 4	9 17		n.a.
T 20	15 16	26 19	2 30	15 1	0 58	4 25	0 22	24 29	0 42	10 31	0 39	0 28	2 46	23 54	0 22	6 35	1 57	33 57	14 14	21 12	21 3	9 20		n.a.
W21	14 57	26 14	3 27	14 11	0 49	3 54	0 19	24 31	0 43	10 34	0 39	0 29	2 47	23 54	0 22	6 36	1 57	33 57	14 14	21 11	21 3	9 23		n.a.
T 22	14 38	24 38	4 12	13 20	0 40	3 22	0 16	24 33	0 44	10 38	0 39	0 30	2 47	23 53	0 22	6 36	1 56	33 57	14 14	21 9	21 2	9 26		n.a.
F 23	14 19	21 42	4 43	12 27	0 30	2 50	0 13	24 35	0 45	10 41	0 38	0 31	2 47	23 53	0 22	6 37	1 56	33 56	14 15	21 7	21 1	9 29		n.a.
S 24	13 59	17 45	4 58	11 33	0 20	2 18	0 10	24 37	0 46	10 45	0 38	0 33	2 47	23 53	0 22	6 37	1 56	33 56	14 15	21 5	21 1	9 32		n.a.
S 25	13 40	13 3	4 59	10 38	0 9	1 46	0 7	24 38	0 47	10 48	0 38	0 34	2 47	23 53	0 22	6 38	1 56	33 56	14 15	21 2	21 0	9 35		n.a.
M26	13 20	7 55	4 44	9 43	0n 2	1 14	0 4	24 39	0 48	10 51	0 38	0 35	2 47	23 53	0 22	6 38	1 56	33 56	14 15	20 59	20 59	9 38		n.a.
T 27	12 59	2 33	4 17	8 47	0 14	0 42	0 1	24 40	0 49	10 55	0 38	0 37	2 48	23 53	0 22	6 39	1 56	33 56	14 15	20 57	20 59	9 41		n.a.
W28	12s39	2n49	3s39	7s51	0n25	0s10	0n 2	24s41	0s50	10n59	0s37	0n38	2n48	23n53	0n22	6n40	1s56	33s55	14s15	20n55	20n58	9n45		n.a.

Julian Day Number = 1208643.5, Delta T = 09h15m12s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'51, Lahiri = -23°19'51 Julian Calendar 1 Feb. 1404 BCE == Greg. Calendar 19 Jan. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

MARCH 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 44 47	28♒12'13	27♈19	11♓10	0♈41	2♑ 8	29♈51	4°R43	20°R38	21♈20	1♒56	1°R53	2♊ 9	1♉37	n.a.	T 1
F 2	9 48 43	29°10'54	9♉ 8	13° 4	1°53	2°53	0♉ 0	4♎40	20♊37	21°21	1°57	1♊50	2° 6	1°44	n.a.	F 2
S 3	9 52 40	0♓ 9'32	20°57	14°55	3° 5	3°38	0°10	4°37	20°37	21°23	1°58	1°49	2° 2	1°51	n.a.	S 3
S 4	9 56 36	1° 8'08	2♊51	16°43	4°17	4°24	0°20	4°34	20°36	21°24	2° 0	1°49	1°59	1°57	n.a.	S 4
M 5	10 0 33	2° 6'41	14°55	18°28	5°28	5° 9	0°30	4°30	20°36	21°26	2° 1	1°49	1°56	2° 4	n.a.	M 5
T 6	10 4 29	3° 5'12	27°15	20° 9	6°40	5°54	0°40	4°27	20°36	21°27	2° 3	1°47	1°53	2°11	n.a.	T 6
W 7	10 8 26	4° 3'41	9♋57	21°46	7°52	6°39	0°50	4°23	20°35	21°29	2° 4	1°44	1°50	2°17	n.a.	W 7
T 8	10 12 23	5° 2'08	23° 2	23°18	9° 3	7°25	1° 0	4°20	20°35	21°31	2° 5	1°38	1°47	2°24	n.a.	T 8
F 9	10 16 19	6° 0'32	6♌34	24°46	10°14	8°10	1°11	4°16	20°35	21°32	2° 7	1°29	1°43	2°31	n.a.	F 9
S 10	10 20 16	6°58'54	20°32	26°10	11°26	8°55	1°21	4°13	20°35	21°34	2° 8	1°18	1°40	2°37	n.a.	S 10
S 11	10 24 12	7°57'14	4♍52	27°29	12°37	9°40	1°31	4° 9	20°D35	21°36	2° 9	1° 7	1°37	2°44	n.a.	S 11
M12	10 28 9	8°55'32	19°28	28°43	13°48	10°25	1°42	4° 5	20°35	21°38	2°11	0°56	1°34	2°51	n.a.	M12
T 13	10 32 5	9°53'48	4♎13	29°52	14°59	11°10	1°53	4° 1	20°35	21°39	2°12	0°46	1°31	2°57	n.a.	T 13
W14	10 36 2	10°52'02	18°59	0♈55	16°10	11°56	2° 4	3°57	20°35	21°41	2°13	0°38	1°28	3° 4	n.a.	W14
T 15	10 39 58	11°50'15	3♏39	1°54	17°21	12°41	2°14	3°54	20°35	21°43	2°15	0°34	1°24	3°11	n.a.	T 15
F 16	10 43 55	12°48'26	18° 6	2°47	18°32	13°26	2°25	3°50	20°36	21°45	2°16	0°32	1°21	3°17	n.a.	F 16
S 17	10 47 51	13°46'35	2♐19	3°35	19°43	14°11	2°36	3°46	20°36	21°47	2°17	0°D31	1°18	3°24	n.a.	S 17
S 18	10 51 48	14°44'43	16°16	4°17	20°53	14°56	2°48	3°42	20°36	21°48	2°18	0°R32	1°15	3°31	n.a.	S 18
M19	10 55 45	15°42'49	29°57	4°54	22° 4	15°41	2°59	3°38	20°37	21°50	2°20	0°31	1°12	3°37	n.a.	M19
T 20	10 59 41	16°40'54	13♑23	5°26	23°14	16°26	3°10	3°33	20°37	21°52	2°21	0°28	1° 8	3°44	n.a.	T 20
W21	11 3 38	17°38'57	26°36	5°52	24°25	17°11	3°21	3°29	20°38	21°54	2°22	0°23	1° 5	3°51	n.a.	W21
T 22	11 7 34	18°36'59	9♒37	6°12	25°35	17°56	3°33	3°25	20°38	21°56	2°23	0°15	1° 2	3°57	n.a.	T 22
F 23	11 11 31	19°34'59	22°25	6°27	26°45	18°41	3°44	3°21	20°39	21°58	2°24	0° 5	0°59	4° 4	n.a.	F 23
S 24	11 15 27	20°32'57	5♓ 2	6°36	27°55	19°26	3°56	3°17	20°40	22° 0	2°26	29♉53	0°56	4°11	n.a.	S 24
S 25	11 19 24	21°30'54	17°28	6°R40	29° 5	20°11	4° 8	3°12	20°40	22° 2	2°27	29°41	0°53	4°17	n.a.	S 25
M26	11 23 20	22°28'49	29°43	6°39	0♉15	20°56	4°19	3° 8	20°41	22° 4	2°28	29°29	0°49	4°24	n.a.	M26
T 27	11 27 17	23°26'42	11♈48	6°33	1°25	21°41	4°31	3° 4	20°42	22° 6	2°29	29°19	0°46	4°31	n.a.	T 27
W28	11 31 13	24°24'33	23°44	6°22	2°34	22°26	4°43	2°59	20°43	22° 8	2°30	29°12	0°43	4°37	n.a.	W28
T 29	11 35 10	25°22'23	5♉35	6° 7	3°44	23°11	4°55	2°55	20°44	22°10	2°31	29° 6	0°40	4°44	n.a.	T 29
F 30	11 39 7	26°20'11	17°22	5°47	4°53	23°55	5° 7	2°51	20°45	22°12	2°32	29° 4	0°37	4°51	n.a.	F 30
S 31	11 43 3	27♓17'57	29♉10	5♈23	6♉ 3	24♑40	5♉19	2♎46	20♊46	22♈14	2♒33	29°D 3	0♊34	4♉57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	12s18	8n 2	2s52	6s56	0n37	0n22	0n 5	24s41	0s51	11n 2	0s37	0n39	2n48	23n53	0n22	6n40	1s56	33s55	14s16	20n54	20n57	9n48			n.a.
F 2	11 58	12 57	1 57	6 1	0 49	0 54	0 9	24 41	0 52	11 6	0 37	0 41	2 48	23 53	0 22	6 41	1 56	33 55	14 16	20 54	20 57	9 51			n.a.
S 3	11 37	17 23	0 57	5 6	1 1	1 26	0 12	24 41	0 53	11 9	0 37	0 42	2 48	23 53	0 22	6 42	1 56	33 55	14 16	20 53	20 56	9 54			n.a.
S 4	11 16	21 11	0n 5	4 13	1 13	1 57	0 15	24 41	0 54	11 13	0 37	0 44	2 49	23 53	0 22	6 42	1 56	33 55	14 16	20 53	20 55	9 57			n.a.
M 5	10 54	24 8	1 9	3 21	1 24	2 29	0 18	24 40	0 55	11 17	0 36	0 45	2 49	23 53	0 22	6 43	1 56	33 54	14 16	20 53	20 55	10 0			n.a.
T 6	10 33	26 0	2 10	2 31	1 35	3 1	0 21	24 39	0 56	11 21	0 36	0 47	2 49	23 53	0 22	6 43	1 56	33 54	14 16	20 53	20 54	10 3			n.a.
W 7	10 11	26 35	3 7	1 42	1 46	3 33	0 25	24 38	0 57	11 24	0 36	0 48	2 49	23 53	0 22	6 44	1 56	33 54	14 17	20 52	20 54	10 6			n.a.
T 8	9 50	25 44	3 56	0 55	1 57	4 4	0 28	24 37	0 58	11 28	0 36	0 50	2 49	23 53	0 22	6 45	1 56	33 54	14 17	20 51	20 53	10 9			n.a.
F 9	9 28	23 21	4 33	0 11	2 7	4 36	0 31	24 35	0 59	11 32	0 36	0 51	2 49	23 53	0 22	6 46	1 56	33 54	14 17	20 49	20 52	10 12			n.a.
S 10	9 6	19 33	4 55	0n32	2 16	5 7	0 34	24 33	1 0	11 36	0 35	0 53	2 49	23 53	0 22	6 46	1 56	33 54	14 17	20 47	20 52	10 15			n.a.
S 11	8 44	14 32	5 0	1 12	2 25	5 39	0 38	24 31	1 1	11 40	0 35	0 54	2 50	23 53	0 22	6 47	1 56	33 53	14 17	20 45	20 51	10 18			n.a.
M12	8 22	8 36	4 45	1 49	2 33	6 10	0 41	24 28	1 2	11 44	0 35	0 56	2 50	23 53	0 22	6 48	1 55	33 53	14 18	20 42	20 50	10 21			n.a.
T 13	8 0	2 8	4 11	2 24	2 41	6 41	0 44	24 25	1 3	11 48	0 35	0 58	2 50	23 53	0 22	6 48	1 55	33 53	14 18	20 40	20 50	10 24			n.a.
W14	7 37	4s28	3 21	2 55	2 47	7 12	0 47	24 22	1 4	11 51	0 35	0 59	2 50	23 53	0 22	6 49	1 55	33 53	14 18	20 39	20 49	10 27			n.a.
T 15	7 15	10 48	2 17	3 24	2 53	7 42	0 51	24 19	1 5	11 55	0 34	1 1	2 50	23 53	0 22	6 50	1 55	33 53	14 18	20 38	20 48	10 30			n.a.
F 16	6 52	16 29	1 5	3 50	2 58	8 13	0 54	24 15	1 6	11 59	0 34	1 3	2 50	23 53	0 22	6 50	1 55	33 53	14 19	20 37	20 48	10 33			n.a.
S 17	6 29	21 9	0s10	4 13	3 2	8 43	0 57	24 12	1 7	12 3	0 34	1 4	2 50	23 53	0 22	6 51	1 55	33 53	14 19	20 37	20 47	10 36			n.a.
S 18	6 7	24 30	1 22	4 33	3 5	9 13	1 0	24 8	1 8	12 8	0 34	1 6	2 50	23 53	0 22	6 52	1 55	33 53	14 19	20 37	20 46	10 39			n.a.
M19	5 44	26 21	2 29	4 50	3 6	9 43	1 4	24 3	1 9	12 12	0 34	1 8	2 50	23 53	0 21	6 53	1 55	33 53	14 19	20 37	20 46	10 42			n.a.
T 20	5 21	26 36	3 26	5 3	3 7	10 13	1 7	23 59	1 10	12 16	0 34	1 10	2 50	23 53	0 21	6 53	1 55	33 53	14 20	20 37	20 45	10 45			n.a.
W21	4 58	25 19	4 12	5 13	3 7	10 42	1 10	23 54	1 11	12 20	0 33	1 11	2 51	23 53	0 21	6 54	1 55	33 53	14 20	20 35	20 44	10 48			n.a.
T 22	4 35	22 41	4 43	5 20	3 5	11 12	1 13	23 49	1 12	12 24	0 33	1 13	2 51	23 53	0 21	6 55	1 55	33 53	14 20	20 34	20 44	10 51			n.a.
F 23	4 12	18 59	4 59	5 23	3 2	11 41	1 16	23 44	1 13	12 28	0 33	1 15	2 51	23 53	0 21	6 56	1 55	33 53	14 20	20 32	20 43	10 54			n.a.
S 24	3 49	14 28	5 1	5 23	2 58	12 9	1 20	23 38	1 13	12 32	0 33	1 17	2 51	23 53	0 21	6 57	1 55	33 53	14 21	20 29	20 42	10 57			n.a.
S 25	3 25	9 26	4 48	5 20	2 53	12 38	1 23	23 32	1 14	12 36	0 33	1 18	2 51	23 53	0 21	6 57	1 55	33 53	14 21	20 26	20 42	11 0			n.a.
M26	3 2	4 6	4 22	5 14	2 47	13 6	1 26	23 26	1 15	12 40	0 33	1 20	2 51	23 53	0 21	6 58	1 55	33 52	14 21	20 24	20 41	11 3			n.a.
T 27	2 39	1n19	3 44	5 4	2 39	13 33	1 29	23 20	1 16	12 45	0 32	1 22	2 51	23 53	0 21	6 59	1 55	33 52	14 22	20 22	20 40	11 6			n.a.
W28	2 16	6 39	2 57	4 52	2 30	14 1	1 32	23 14	1 17	12 49	0 32	1 24	2 51	23 53	0 21	7 0	1 55	33 52	14 22	20 20	20 40	11 9			n.a.
T 29	1 52	11 42	2 2	4 36	2 20	14 28	1 35	23 7	1 18	12 53	0 32	1 26	2 51	23 53	0 21	7 0	1 55	33 53	14 22	20 19	20 39	11 12			n.a.
F 30	1 29	16 19	1 2	4 18	2 8	14 55	1 38	23 0	1 19	12 57	0 32	1 27	2 51	23 53	0 21	7 1	1 55	33 53	14 22	20 18	20 38	11 15			n.a.
S 31	1s 6	20n20	0n 1	3n57	1n56	15n21	1n41	22s53	1s20	13n 2	0s32	1n29	2n51	23n53	0n21	7n 2	1s55	33s53	14s23	20n18	20n38	11n18			n.a.

Julian Day Number = 1208671.5, Delta T = 09h15m11s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'47, Lahiri = -23°19'47 Julian Calendar 1 March 1404 BCE == Greg. Calendar 16 Feb. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

APRIL 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 47 0	28♓15'42	11♊ 3	4°R56	7♉12	25♑25	5♉31	2°R42	20♊47	22♈16	2♒34	29♉ 3	0♊30	5♉ 4	n.a.	S 1
M 2	11 50 56	29°13'24	23° 6	4♈26	8°21	26° 9	5°43	2♎37	20°48	22°18	2°35	29° 4	0°27	5°10	n.a.	M 2
T 3	11 54 53	0♈11'05	5♋25	3°54	9°30	26°54	5°56	2°33	20°49	22°20	2°36	29°R 4	0°24	5°17	n.a.	T 3
W 4	11 58 49	1° 8'44	18° 4	3°20	10°39	27°39	6° 8	2°29	20°51	22°22	2°37	29° 3	0°21	5°24	n.a.	W 4
T 5	12 2 46	2° 6'22	1♌ 9	2°45	11°48	28°23	6°20	2°24	20°52	22°25	2°38	28°59	0°18	5°30	n.a.	T 5
F 6	12 6 42	3° 3'58	14°41	2°10	12°56	29° 8	6°33	2°20	20°53	22°27	2°39	28°54	0°14	5°37	n.a.	F 6
S 7	12 10 39	4° 1'32	28°42	1°34	14° 5	29°52	6°45	2°15	20°55	22°29	2°40	28°46	0°11	5°44	n.a.	S 7
S 8	12 14 36	4°59'04	13♍10	0°59	15°13	0♒37	6°58	2°11	20°56	22°31	2°41	28°38	0° 8	5°50	n.a.	S 8
M 9	12 18 32	5°56'35	27°59	0°26	16°21	1°21	7°10	2° 6	20°58	22°33	2°41	28°30	0° 5	5°57	n.a.	M 9
T 10	12 22 29	6°54'04	13♎ 0	29♓54	17°30	2° 5	7°23	2° 2	20°59	22°35	2°42	28°23	0° 2	6° 4	n.a.	T 10
W11	12 26 25	7°51'33	28° 6	29°25	18°37	2°50	7°35	1°58	21° 1	22°37	2°43	28°18	29♉59	6°10	n.a.	W11
T 12	12 30 22	8°49'00	13♏ 6	28°58	19°45	3°34	7°48	1°53	21° 2	22°40	2°44	28°15	29°55	6°17	n.a.	T 12
F 13	12 34 18	9°46'26	27°53	28°35	20°53	4°18	8° 1	1°49	21° 4	22°42	2°45	28°D14	29°52	6°24	n.a.	F 13
S 14	12 38 15	10°43'51	12♐21	28°16	22° 0	5° 2	8°14	1°44	21° 6	22°44	2°45	28°15	29°49	6°30	n.a.	S 14
S 15	12 42 11	11°41'16	26°28	28° 0	23° 8	5°47	8°27	1°40	21° 8	22°46	2°46	28°16	29°46	6°37	n.a.	S 15
M16	12 46 8	12°38'39	10♑12	27°48	24°15	6°31	8°39	1°36	21° 9	22°48	2°47	28°R17	29°43	6°44	n.a.	M16
T 17	12 50 5	13°36'02	23°36	27°41	25°22	7°15	8°52	1°32	21°11	22°51	2°47	28°16	29°39	6°50	n.a.	T 17
W18	12 54 1	14°33'24	6♒41	27°D38	26°29	7°59	9° 5	1°27	21°13	22°53	2°48	28°14	29°36	6°57	n.a.	W18
T 19	12 57 58	15°30'45	19°29	27°39	27°36	8°43	9°18	1°23	21°15	22°55	2°49	28°10	29°33	7° 4	n.a.	T 19
F 20	13 1 54	16°28'05	2♓ 3	27°45	28°42	9°26	9°31	1°19	21°17	22°57	2°49	28° 4	29°30	7°10	n.a.	F 20
S 21	13 5 51	17°25'25	14°24	27°56	29°49	10°10	9°44	1°15	21°19	23° 0	2°50	27°58	29°27	7°17	n.a.	S 21
S 22	13 9 47	18°22'43	26°36	28°11	0♊55	10°54	9°58	1°10	21°21	23° 2	2°51	27°50	29°24	7°24	n.a.	S 22
M23	13 13 44	19°20'01	8♈39	28°30	2° 1	11°38	10°11	1° 6	21°23	23° 4	2°51	27°43	29°20	7°30	n.a.	M23
T 24	13 17 40	20°17'18	20°35	28°54	3° 7	12°21	10°24	1° 2	21°26	23° 6	2°52	27°38	29°17	7°37	n.a.	T 24
W25	13 21 37	21°14'34	2♉25	29°22	4°13	13° 5	10°37	0°58	21°28	23° 9	2°52	27°33	29°14	7°44	n.a.	W25
T 26	13 25 34	22°11'49	14°13	29°55	5°18	13°48	10°50	0°54	21°30	23°11	2°53	27°31	29°11	7°50	n.a.	T 26
F 27	13 29 30	23° 9'03	26° 0	0♈31	6°24	14°32	11° 4	0°50	21°32	23°13	2°53	27°D30	29° 8	7°57	n.a.	F 27
S 28	13 33 27	24° 6'16	7♊49	1°12	7°29	15°15	11°17	0°46	21°35	23°15	2°53	27°30	29° 5	8° 4	n.a.	S 28
S 29	13 37 23	25° 3'29	19°44	1°56	8°34	15°58	11°30	0°43	21°37	23°17	2°54	27°32	29° 1	8°10	n.a.	S 29
M30	13 41 20	26♈ 0'40	1♋49	2♈45	9♊38	16♒42	11♉43	0♎39	21♊40	23♈20	2♒54	27♉33	28♉58	8♉17	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0s42	23n33	1n 4	3n33	1n42	15n47	1n44	22s46	1s21	13n 6	0s32	1n31	2n51	23n53	0n21	7n 3	1s55	33s53	14s23	20n18	20n37	11n21		n.a.
M 2	0 19	25 46	2 5	3 8	1 28	16 13	1 47	22 38	1 22	13 10	0 31	1 33	2 51	23 53	0 21	7 4	1 55	33 53	14 23	20 18	20 36	11 24		n.a.
T 3	0n 4	26 47	3 2	2 41	1 13	16 38	1 49	22 30	1 23	13 14	0 31	1 35	2 51	23 54	0 21	7 5	1 55	33 53	14 24	20 18	20 36	11 27		n.a.
W 4	0 28	26 27	3 52	2 13	0 57	17 3	1 52	22 22	1 24	13 19	0 31	1 36	2 51	23 54	0 21	7 5	1 55	33 53	14 24	20 18	20 35	11 30		n.a.
T 5	0 51	24 39	4 31	1 44	0 41	17 27	1 55	22 14	1 25	13 23	0 31	1 38	2 51	23 54	0 21	7 6	1 55	33 53	14 24	20 17	20 34	11 33		n.a.
F 6	1 14	21 26	4 57	1 14	0 24	17 52	1 58	22 6	1 26	13 27	0 31	1 40	2 51	23 54	0 21	7 7	1 55	33 53	14 25	20 16	20 34	11 36		n.a.
S 7	1 38	16 54	5 6	0 45	0 7	18 15	2 0	21 57	1 27	13 32	0 31	1 42	2 51	23 54	0 21	7 8	1 55	33 53	14 25	20 14	20 33	11 39		n.a.
S 8	2 1	11 16	4 56	0 15	0s10	18 38	2 3	21 48	1 28	13 36	0 31	1 43	2 51	23 54	0 21	7 9	1 55	33 53	14 25	20 12	20 32	11 42		n.a.
M 9	2 24	4 53	4 27	0s14	0 27	19 1	2 5	21 39	1 29	13 40	0 30	1 45	2 51	23 54	0 21	7 9	1 54	33 53	14 25	20 11	20 32	11 45		n.a.
T 10	2 47	1s52	3 39	0 42	0 43	19 23	2 8	21 30	1 30	13 44	0 30	1 47	2 51	23 54	0 21	7 10	1 54	33 53	14 26	20 9	20 31	11 48		n.a.
W11	3 10	8 35	2 35	1 9	1 0	19 45	2 10	21 21	1 31	13 49	0 30	1 49	2 51	23 54	0 21	7 11	1 54	33 53	14 26	20 8	20 30	11 51		n.a.
T 12	3 33	14 46	1 21	1 34	1 15	20 6	2 12	21 11	1 32	13 53	0 30	1 50	2 51	23 54	0 21	7 12	1 54	33 53	14 26	20 7	20 29	11 54		n.a.
F 13	3 56	20 0	0 2	1 57	1 30	20 27	2 14	21 1	1 33	13 57	0 30	1 52	2 51	23 54	0 21	7 13	1 54	33 54	14 27	20 7	20 29	11 57		n.a.
S 14	4 19	23 55	1s16	2 18	1 45	20 47	2 17	20 51	1 34	14 2	0 30	1 54	2 51	23 55	0 21	7 14	1 54	33 54	14 27	20 7	20 28	12 0		n.a.
S 15	4 42	26 15	2 27	2 36	1 58	21 7	2 19	20 41	1 35	14 6	0 30	1 56	2 51	23 55	0 21	7 15	1 54	33 54	14 28	20 7	20 27	12 3		n.a.
M16	5 5	26 54	3 27	2 53	2 11	21 26	2 21	20 31	1 35	14 10	0 29	1 57	2 51	23 55	0 21	7 15	1 54	33 54	14 28	20 8	20 27	12 6		n.a.
T 17	5 28	25 56	4 15	3 6	2 22	21 45	2 23	20 20	1 36	14 15	0 29	1 59	2 51	23 55	0 21	7 16	1 54	33 54	14 28	20 7	20 26	12 9		n.a.
W18	5 50	23 34	4 48	3 17	2 33	22 3	2 24	20 9	1 37	14 19	0 29	2 1	2 50	23 55	0 21	7 17	1 54	33 54	14 29	20 7	20 25	12 12		n.a.
T 19	6 13	20 4	5 6	3 25	2 43	22 20	2 26	19 59	1 38	14 23	0 29	2 2	2 50	23 55	0 21	7 18	1 54	33 55	14 29	20 6	20 25	12 15		n.a.
F 20	6 35	15 43	5 9	3 31	2 51	22 37	2 28	19 48	1 39	14 28	0 29	2 4	2 50	23 55	0 21	7 19	1 54	33 55	14 29	20 5	20 24	12 18		n.a.
S 21	6 57	10 47	4 57	3 34	2 59	22 54	2 29	19 36	1 40	14 32	0 29	2 5	2 50	23 55	0 21	7 20	1 54	33 55	14 30	20 3	20 23	12 21		n.a.
S 22	7 20	5 31	4 32	3 34	3 5	23 10	2 31	19 25	1 41	14 36	0 29	2 7	2 50	23 56	0 21	7 20	1 54	33 55	14 30	20 2	20 23	12 24		n.a.
M23	7 42	0 6	3 55	3 31	3 11	23 25	2 32	19 14	1 42	14 41	0 28	2 9	2 50	23 56	0 21	7 21	1 54	33 55	14 30	20 0	20 22	12 27		n.a.
T 24	8 4	5n17	3 7	3 25	3 16	23 40	2 34	19 2	1 43	14 45	0 28	2 10	2 50	23 56	0 21	7 22	1 54	33 56	14 31	19 59	20 21	12 30		n.a.
W25	8 26	10 27	2 13	3 17	3 19	23 54	2 35	18 50	1 44	14 49	0 28	2 12	2 50	23 56	0 21	7 23	1 54	33 56	14 31	19 58	20 20	12 33		n.a.
T 26	8 47	15 15	1 12	3 7	3 22	24 7	2 36	18 38	1 44	14 54	0 28	2 13	2 50	23 56	0 21	7 24	1 54	33 56	14 31	19 57	20 20	12 36		n.a.
F 27	9 9	19 28	0 8	2 54	3 24	24 20	2 37	18 26	1 45	14 58	0 28	2 15	2 50	23 56	0 21	7 25	1 54	33 56	14 32	19 57	20 19	12 39		n.a.
S 28	9 31	22 55	0n56	2 38	3 25	24 32	2 38	18 14	1 46	15 2	0 28	2 16	2 49	23 56	0 21	7 26	1 54	33 56	14 32	19 57	20 18	12 42		n.a.
S 29	9 52	25 26	1 59	2 20	3 25	24 44	2 39	18 2	1 47	15 7	0 28	2 18	2 49	23 57	0 21	7 26	1 54	33 57	14 32	19 57	20 18	12 45		n.a.
M30	10n13	26n48	2n57	2s 0	3s24	24n55	2n39	17s49	1s48	15n11	0s28	2n19	2n49	23n57	0n21	7n27	1s54	33s57	14s33	19n58	20n17	12n48		n.a.

Julian Day Number = 1208702.5, Delta T = 09h15m09s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'43, Lahiri = -23°19'43 Julian Calendar 1 Apr. 1404 BCE == Greg. Calendar 19 March 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

MAY 1404 BCE (-1403) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 45 16	26♈57'51	14♋ 8	3♈37	10♊43	17♒25	11♉57	0°R35	21♊42	23♈22	2♒55	27♉35	28♉55	8♉24	n.a.	T 1
W 2	13 49 13	27°55'01	26°46	4°32	11°47	18° 8	12°10	0♎31	21°45	23°24	2°55	27°R35	28°52	8°30	n.a.	W 2
T 3	13 53 10	28°52'10	9♌47	5°32	12°51	18°51	12°24	0°28	21°47	23°26	2°55	27°35	28°49	8°37	n.a.	T 3
F 4	13 57 6	29°49'17	23°14	6°35	13°55	19°34	12°37	0°24	21°50	23°29	2°56	27°33	28°45	8°44	n.a.	F 4
S 5	14 1 3	0♉46'25	7♍ 9	7°41	14°59	20°17	12°50	0°21	21°52	23°31	2°56	27°30	28°42	8°50	n.a.	S 5
S 6	14 4 59	1°43'31	21°32	8°51	16° 2	20°59	13° 4	0°17	21°55	23°33	2°56	27°27	28°39	8°57	n.a.	S 6
M 7	14 8 56	2°40'36	6♎18	10° 4	17° 5	21°42	13°17	0°14	21°58	23°35	2°56	27°24	28°36	9° 3	n.a.	M 7
T 8	14 12 52	3°37'41	21°22	11°21	18° 8	22°25	13°31	0°10	22° 0	23°38	2°57	27°21	28°33	9°10	n.a.	T 8
W 9	14 16 49	4°34'46	6♏35	12°40	19°11	23° 7	13°44	0° 7	22° 3	23°40	2°57	27°19	28°30	9°17	n.a.	W 9
T 10	14 20 45	5°31'50	21°46	14° 4	20°13	23°50	13°58	0° 4	22° 6	23°42	2°57	27°D18	28°26	9°23	n.a.	T 10
F 11	14 24 42	6°28'54	6♐47	15°30	21°15	24°32	14°11	0° 1	22° 9	23°44	2°57	27°18	28°23	9°30	n.a.	F 11
S 12	14 28 39	7°25'58	21°30	16°59	22°16	25°14	14°25	29♍58	22°12	23°46	2°57	27°19	28°20	9°37	n.a.	S 12
S 13	14 32 35	8°23'02	5♑50	18°32	23°18	25°56	14°38	29°55	22°14	23°49	2°57	27°20	28°17	9°43	n.a.	S 13
M14	14 36 32	9°20'06	19°44	20° 7	24°19	26°38	14°52	29°52	22°17	23°51	2°57	27°21	28°14	9°50	n.a.	M14
T 15	14 40 28	10°17'10	3♒13	21°46	25°20	27°20	15° 6	29°49	22°20	23°53	2°57	27°22	28°11	9°57	n.a.	T 15
W16	14 44 25	11°14'14	16°18	23°28	26°20	28° 2	15°19	29°46	22°23	23°55	2°R57	27°R22	28° 7	10° 3	n.a.	W16
T 17	14 48 21	12°11'18	29° 3	25°13	27°20	28°44	15°33	29°43	22°26	23°57	2°57	27°21	28° 4	10°10	n.a.	T 17
F 18	14 52 18	13° 8'22	11♓29	27° 0	28°20	29°26	15°46	29°41	22°29	23°59	2°57	27°20	28° 1	10°17	n.a.	F 18
S 19	14 56 14	14° 5'27	23°42	28°51	29°19	0♓ 8	16° 0	29°38	22°33	24° 2	2°57	27°18	27°58	10°23	n.a.	S 19
S 20	15 0 11	15° 2'31	5♈44	0♉44	0♋18	0°49	16°13	29°36	22°36	24° 4	2°57	27°17	27°55	10°30	n.a.	S 20
M21	15 4 8	15°59'36	17°39	2°40	1°17	1°30	16°27	29°33	22°39	24° 6	2°57	27°15	27°51	10°37	n.a.	M21
T 22	15 8 4	16°56'41	29°29	4°38	2°15	2°12	16°41	29°31	22°42	24° 8	2°57	27°14	27°48	10°43	n.a.	T 22
W23	15 12 1	17°53'46	11♉16	6°38	3°13	2°53	16°54	29°29	22°45	24°10	2°57	27°13	27°45	10°50	n.a.	W23
T 24	15 15 57	18°50'51	23° 4	8°41	4°11	3°34	17° 8	29°27	22°48	24°12	2°57	27°D12	27°42	10°57	n.a.	T 24
F 25	15 19 54	19°47'56	4♊54	10°45	5° 8	4°15	17°21	29°25	22°52	24°14	2°56	27°12	27°39	11° 3	n.a.	F 25
S 26	15 23 50	20°45'02	16°48	12°51	6° 4	4°56	17°35	29°23	22°55	24°16	2°56	27°13	27°36	11°10	n.a.	S 26
S 27	15 27 47	21°42'08	28°50	14°58	7° 1	5°36	17°48	29°21	22°58	24°18	2°56	27°13	27°32	11°17	n.a.	S 27
M28	15 31 44	22°39'13	11♋ 2	17° 6	7°56	6°17	18° 2	29°19	23° 1	24°20	2°56	27°14	27°29	11°23	n.a.	M28
T 29	15 35 40	23°36'19	23°27	19°15	8°51	6°58	18°16	29°17	23° 5	24°22	2°55	27°14	27°26	11°30	n.a.	T 29
W30	15 39 37	24°33'25	6♌ 9	21°24	9°46	7°38	18°29	29°16	23° 8	24°24	2°55	27°15	27°23	11°36	n.a.	W30
T 31	15 43 33	25♉30'31	19♌ 9	23♉34	10♋40	8♓18	18♉43	29♍14	23♊12	24♈26	2♒55	27♉15	27♉20	11♉43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	10n34	26n53	3n48	1s37	3s22	25n 5	2n40	17s36	1s49	15n15	0s27	2n20	2n49	23n57	0n21	7n28	1s54	33s57	14s33	19n58	20n16	12n50			n.a.
W 2	10 55	25 35	4 30	1 12	3 20	25 15	2 41	17 24	1 49	15 19	0 27	2 22	2 49	23 57	0 21	7 29	1 54	33 57	14 34	19 58	20 15	12 53			n.a.
T 3	11 16	22 54	4 59	0 46	3 16	25 24	2 41	17 11	1 50	15 24	0 27	2 23	2 49	23 57	0 21	7 30	1 54	33 58	14 34	19 58	20 15	12 56			n.a.
F 4	11 36	18 55	5 13	0 17	3 12	25 32	2 41	16 58	1 51	15 28	0 27	2 24	2 49	23 57	0 21	7 31	1 54	33 58	14 34	19 58	20 14	12 59			n.a.
S 5	11 57	13 48	5 10	0n14	3 8	25 40	2 41	16 45	1 52	15 32	0 27	2 26	2 48	23 57	0 21	7 31	1 54	33 58	14 35	19 57	20 13	13 2			n.a.
S 6	12 17	7 48	4 47	0 47	3 2	25 47	2 41	16 32	1 53	15 37	0 27	2 27	2 48	23 58	0 21	7 32	1 54	33 59	14 35	19 56	20 13	13 5			n.a.
M 7	12 37	1 11	4 5	1 22	2 56	25 54	2 41	16 18	1 54	15 41	0 27	2 28	2 48	23 58	0 21	7 33	1 54	33 59	14 35	19 55	20 12	13 8			n.a.
T 8	12 57	5s37	3 5	1 58	2 50	25 59	2 41	16 5	1 54	15 45	0 27	2 29	2 48	23 58	0 21	7 34	1 54	33 59	14 36	19 55	20 11	13 11			n.a.
W 9	13 16	12 12	1 52	2 36	2 43	26 5	2 40	15 52	1 55	15 49	0 27	2 30	2 48	23 58	0 21	7 35	1 54	33 59	14 36	19 54	20 11	13 14			n.a.
T 10	13 36	18 2	0 30	3 16	2 35	26 9	2 40	15 38	1 56	15 53	0 26	2 32	2 47	23 58	0 21	7 36	1 54	34 0	14 37	19 54	20 10	13 17			n.a.
F 11	13 55	22 41	0s52	3 57	2 27	26 13	2 39	15 24	1 57	15 58	0 26	2 33	2 47	23 58	0 21	7 36	1 54	34 0	14 37	19 54	20 9	13 20			n.a.
S 12	14 14	25 44	2 10	4 40	2 18	26 16	2 38	15 11	1 58	16 2	0 26	2 34	2 47	23 59	0 21	7 37	1 54	34 0	14 37	19 54	20 8	13 23			n.a.
S 13	14 33	27 1	3 17	5 25	2 8	26 19	2 37	14 57	1 58	16 6	0 26	2 35	2 47	23 59	0 21	7 38	1 54	34 1	14 38	19 55	20 8	13 26			n.a.
M14	14 51	26 31	4 11	6 10	1 59	26 20	2 36	14 43	1 59	16 10	0 26	2 36	2 47	23 59	0 21	7 39	1 54	34 1	14 38	19 55	20 7	13 29			n.a.
T 15	15 10	24 27	4 49	6 57	1 49	26 22	2 35	14 29	2 0	16 14	0 26	2 37	2 47	23 59	0 21	7 40	1 54	34 1	14 38	19 55	20 6	13 32			n.a.
W16	15 28	21 9	5 10	7 45	1 38	26 22	2 34	14 15	2 1	16 18	0 26	2 38	2 46	23 59	0 21	7 40	1 54	34 2	14 39	19 55	20 5	13 34			n.a.
T 17	15 46	16 56	5 16	8 34	1 28	26 22	2 32	14 1	2 1	16 22	0 26	2 39	2 46	23 59	0 21	7 41	1 54	34 2	14 39	19 55	20 5	13 37			n.a.
F 18	16 3	12 5	5 7	9 24	1 17	26 22	2 31	13 46	2 2	16 27	0 26	2 39	2 46	24 0	0 21	7 42	1 54	34 3	14 39	19 55	20 4	13 40			n.a.
S 19	16 21	6 52	4 44	10 14	1 5	26 20	2 29	13 32	2 3	16 31	0 25	2 40	2 46	24 0	0 21	7 43	1 54	34 3	14 40	19 54	20 3	13 43			n.a.
S 20	16 38	1 28	4 8	11 5	0 54	26 18	2 27	13 18	2 4	16 35	0 25	2 41	2 45	24 0	0 21	7 43	1 54	34 3	14 40	19 54	20 3	13 46			n.a.
M21	16 55	3n56	3 22	11 57	0 43	26 16	2 25	13 3	2 4	16 39	0 25	2 42	2 45	24 0	0 21	7 44	1 54	34 4	14 41	19 53	20 2	13 49			n.a.
T 22	17 12	9 11	2 28	12 48	0 31	26 13	2 22	12 49	2 5	16 43	0 25	2 43	2 45	24 0	0 21	7 45	1 54	34 4	14 41	19 53	20 1	13 52			n.a.
W23	17 28	14 6	1 27	13 40	0 20	26 9	2 20	12 34	2 6	16 47	0 25	2 43	2 45	24 1	0 21	7 46	1 54	34 4	14 41	19 53	20 0	13 55			n.a.
T 24	17 44	18 30	0 23	14 31	0 8	26 5	2 17	12 20	2 6	16 51	0 25	2 44	2 45	24 1	0 21	7 47	1 54	34 5	14 42	19 53	20 0	13 58			n.a.
F 25	18 0	22 11	0n43	15 21	0n 3	26 0	2 14	12 5	2 7	16 55	0 25	2 45	2 44	24 1	0 21	7 47	1 54	34 5	14 42	19 53	19 59	14 1			n.a.
S 26	18 15	24 58	1 47	16 11	0 13	25 54	2 11	11 51	2 8	16 59	0 25	2 45	2 44	24 1	0 21	7 48	1 55	34 6	14 42	19 53	19 58	14 3			n.a.
S 27	18 31	26 38	2 47	17 0	0 24	25 48	2 8	11 36	2 8	17 3	0 25	2 46	2 44	24 1	0 21	7 49	1 55	34 6	14 43	19 53	19 57	14 6			n.a.
M28	18 46	27 3	3 40	17 47	0 34	25 42	2 5	11 21	2 9	17 7	0 25	2 46	2 44	24 1	0 21	7 49	1 55	34 6	14 43	19 53	19 57	14 9			n.a.
T 29	19 0	26 7	4 24	18 33	0 44	25 34	2 1	11 7	2 10	17 11	0 24	2 47	2 43	24 2	0 21	7 50	1 55	34 7	14 43	19 53	19 56	14 12			n.a.
W30	19 15	23 51	4 56	19 17	0 53	25 27	1 57	10 52	2 10	17 15	0 24	2 47	2 43	24 2	0 21	7 51	1 55	34 7	14 44	19 53	19 55	14 15			n.a.
T 31	19n29	20n18	5n15	19n59	1n 2	25n19	1n53	10s37	2s11	17n18	0s24	2n47	2n43	24n 2	0n21	7n52	1s55	34s 8	14s44	19n53	19n55	14n18			n.a.

Julian Day Number = 1208732.5, Delta T = 09h15m07s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'39, Lahiri = -23°19'38 Julian Calendar 1 May 1404 BCE == Greg. Calendar 18 Apr. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

JUNE 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 47 30	26♉27'37	2♍32	25♉43	11♋34	8♓58	18♉56	29°R13	23♊15	24♈28	2°R54	27°R15	27♉17	11♉50	n.a.	F 1
S 2	15 51 26	27°24'43	16°18	27°52	12°27	9°38	19°10	29♍11	23°18	24°30	2♒54	27°D15	27°13	11°56	n.a.	S 2
S 3	15 55 23	28°21'49	0♎29	0♊ 0	13°19	10°18	19°23	29°10	23°22	24°32	2°54	27♉15	27°10	12° 3	n.a.	S 3
M 4	15 59 19	29°18'55	15° 2	2° 8	14°11	10°58	19°37	29° 9	23°25	24°34	2°53	27°15	27° 7	12°10	n.a.	M 4
T 5	16 3 16	0♊16'02	29°53	4°14	15° 2	11°37	19°50	29° 8	23°29	24°36	2°53	27°15	27° 4	12°16	n.a.	T 5
W 6	16 7 13	1°13'09	14♏57	6°19	15°53	12°17	20° 3	29° 7	23°32	24°38	2°52	27°15	27° 1	12°23	n.a.	W 6
T 7	16 11 9	2°10'17	0♐ 5	8°23	16°42	12°56	20°17	29° 6	23°36	24°40	2°52	27°R15	26°57	12°30	n.a.	T 7
F 8	16 15 6	3° 7'25	15° 8	10°26	17°32	13°35	20°30	29° 5	23°39	24°42	2°51	27°15	26°54	12°36	n.a.	F 8
S 9	16 19 2	4° 4'34	29°57	12°27	18°20	14°14	20°44	29° 5	23°43	24°43	2°51	27°15	26°51	12°43	n.a.	S 9
S 10	16 22 59	5° 1'44	14♑25	14°26	19° 8	14°53	20°57	29° 4	23°46	24°45	2°50	27°14	26°48	12°50	n.a.	S 10
M11	16 26 55	5°58'55	28°29	16°24	19°54	15°32	21°10	29° 3	23°50	24°47	2°50	27°13	26°45	12°56	n.a.	M11
T 12	16 30 52	6°56'07	12♒ 5	18°20	20°40	16°10	21°24	29° 3	23°54	24°49	2°49	27°12	26°42	13° 3	n.a.	T 12
W13	16 34 49	7°53'19	25°15	20°15	21°25	16°49	21°37	29° 3	23°57	24°51	2°49	27°11	26°38	13°10	n.a.	W13
T 14	16 38 45	8°50'33	8♓ 2	22° 8	22°10	17°27	21°50	29° 2	24° 1	24°52	2°48	27°D11	26°35	13°16	n.a.	T 14
F 15	16 42 42	9°47'48	20°27	23°59	22°53	18° 5	22° 3	29° 2	24° 4	24°54	2°47	27°11	26°32	13°23	n.a.	F 15
S 16	16 46 38	10°45'04	2♈37	25°48	23°36	18°43	22°17	29°D 2	24° 8	24°56	2°47	27°12	26°29	13°30	n.a.	S 16
S 17	16 50 35	11°42'21	14°35	27°36	24°17	19°21	22°30	29° 2	24°12	24°57	2°46	27°13	26°26	13°36	n.a.	S 17
M18	16 54 31	12°39'39	26°26	29°22	24°57	19°58	22°43	29° 2	24°15	24°59	2°45	27°15	26°22	13°43	n.a.	M18
T 19	16 58 28	13°36'59	8♉13	1♋ 6	25°37	20°36	22°56	29° 3	24°19	25° 1	2°45	27°16	26°19	13°49	n.a.	T 19
W20	17 2 24	14°34'19	20° 1	2°49	26°15	21°13	23° 9	29° 3	24°23	25° 2	2°44	27°17	26°16	13°56	n.a.	W20
T 21	17 6 21	15°31'41	1♊52	4°30	26°52	21°50	23°22	29° 3	24°26	25° 4	2°43	27°R17	26°13	14° 3	n.a.	T 21
F 22	17 10 18	16°29'04	13°48	6° 9	27°28	22°27	23°35	29° 4	24°30	25° 5	2°42	27°16	26°10	14° 9	n.a.	F 22
S 23	17 14 14	17°26'28	25°53	7°47	28° 3	23° 4	23°48	29° 5	24°34	25° 7	2°41	27°14	26° 7	14°16	n.a.	S 23
S 24	17 18 11	18°23'53	8♋ 7	9°23	28°36	23°40	24° 1	29° 5	24°37	25° 8	2°41	27°11	26° 3	14°23	n.a.	S 24
M25	17 22 7	19°21'20	20°33	10°57	29° 8	24°16	24°14	29° 6	24°41	25°10	2°40	27° 8	26° 0	14°29	n.a.	M25
T 26	17 26 4	20°18'47	3♌11	12°30	29°39	24°52	24°27	29° 7	24°45	25°11	2°39	27° 5	25°57	14°36	n.a.	T 26
W27	17 30 0	21°16'15	16° 3	14° 1	0♌ 8	25°28	24°40	29° 8	24°49	25°13	2°38	27° 1	25°54	14°43	n.a.	W27
T 28	17 33 57	22°13'45	29°11	15°30	0°36	26° 4	24°52	29° 9	24°52	25°14	2°37	26°59	25°51	14°49	n.a.	T 28
F 29	17 37 54	23°11'15	12♍35	16°57	1° 2	26°39	25° 5	29°10	24°56	25°16	2°36	26°57	25°48	14°56	n.a.	F 29
S 30	17 41 50	24♊ 8'46	26♍16	18♋23	1♌27	27♓15	25♉18	29♍12	25♊ 0	25♈17	2♒35	26°D57	25♉44	15♉ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19n42	15n39	5n16	20n39	1n10	25n10	1n49	10s22	2s12	17n22	0s24	2n48	2n43	24n 2	0n21	7n52	1s55	34s 8	14s44	19n53	19n54	14n21		n.a.
S 2	19 56	10 6	5 0	21 17	1 17	25 1	1 45	10 8	2 12	17 26	0 24	2 48	2 42	24 2	0 21	7 53	1 55	34 9	14 45	19 53	19 53	14 24		n.a.
S 3	20 9	3 52	4 26	21 52	1 24	24 51	1 41	9 53	2 13	17 30	0 24	2 48	2 42	24 3	0 21	7 54	1 55	34 9	14 45	19 53	19 52	14 27		n.a.
M 4	20 21	2s45	3 34	22 25	1 30	24 41	1 36	9 38	2 13	17 34	0 24	2 49	2 42	24 3	0 21	7 54	1 55	34 9	14 46	19 53	19 52	14 29		n.a.
T 5	20 34	9 21	2 26	22 55	1 35	24 30	1 31	9 23	2 14	17 38	0 24	2 49	2 42	24 3	0 21	7 55	1 55	34 10	14 46	19 53	19 51	14 32		n.a.
W 6	20 46	15 32	1 8	23 23	1 40	24 19	1 26	9 8	2 15	17 41	0 24	2 49	2 41	24 3	0 21	7 56	1 55	34 10	14 46	19 54	19 50	14 35		n.a.
T 7	20 58	20 47	0s16	23 48	1 44	24 8	1 20	8 54	2 15	17 45	0 24	2 49	2 41	24 3	0 21	7 56	1 55	34 11	14 47	19 54	19 49	14 38		n.a.
F 8	21 9	24 38	1 38	24 10	1 47	23 56	1 15	8 39	2 16	17 49	0 23	2 49	2 41	24 3	0 21	7 57	1 55	34 11	14 47	19 53	19 49	14 41		n.a.
S 9	21 20	26 43	2 52	24 30	1 50	23 43	1 9	8 24	2 16	17 52	0 23	2 49	2 41	24 4	0 21	7 58	1 55	34 12	14 47	19 53	19 48	14 44		n.a.
S 10	21 31	26 56	3 53	24 47	1 52	23 31	1 3	8 9	2 17	17 56	0 23	2 49	2 40	24 4	0 21	7 58	1 55	34 12	14 48	19 53	19 47	14 47		n.a.
M11	21 41	25 22	4 38	25 1	1 53	23 18	0 57	7 54	2 17	18 0	0 23	2 49	2 40	24 4	0 21	7 59	1 55	34 13	14 48	19 53	19 46	14 49		n.a.
T 12	21 51	22 21	5 6	25 13	1 53	23 4	0 51	7 40	2 18	18 3	0 23	2 49	2 40	24 4	0 21	8 0	1 55	34 13	14 48	19 53	19 46	14 52		n.a.
W13	22 1	18 17	5 17	25 23	1 54	22 51	0 44	7 25	2 19	18 7	0 23	2 49	2 39	24 4	0 21	8 0	1 55	34 13	14 48	19 53	19 45	14 55		n.a.
T 14	22 10	13 30	5 11	25 30	1 53	22 37	0 37	7 10	2 19	18 11	0 23	2 49	2 39	24 4	0 21	8 1	1 55	34 14	14 49	19 53	19 44	14 58		n.a.
F 15	22 19	8 18	4 51	25 35	1 52	22 22	0 30	6 56	2 20	18 14	0 23	2 49	2 39	24 5	0 21	8 1	1 55	34 14	14 49	19 53	19 43	15 1		n.a.
S 16	22 27	2 53	4 19	25 38	1 50	22 8	0 22	6 41	2 20	18 18	0 23	2 48	2 39	24 5	0 21	8 2	1 55	34 15	14 49	19 53	19 43	15 4		n.a.
S 17	22 35	2n33	3 35	25 38	1 48	21 53	0 15	6 26	2 21	18 21	0 23	2 48	2 38	24 5	0 21	8 3	1 55	34 15	14 50	19 53	19 42	15 7		n.a.
M18	22 43	7 51	2 43	25 37	1 45	21 38	0 7	6 12	2 21	18 25	0 23	2 48	2 38	24 5	0 21	8 3	1 55	34 16	14 50	19 53	19 41	15 9		n.a.
T 19	22 50	12 52	1 44	25 33	1 42	21 23	0s 1	5 57	2 22	18 28	0 23	2 48	2 38	24 5	0 21	8 4	1 55	34 16	14 50	19 54	19 40	15 12		n.a.
W20	22 57	17 25	0 40	25 28	1 38	21 7	0 9	5 43	2 22	18 32	0 22	2 47	2 38	24 5	0 21	8 4	1 55	34 17	14 51	19 54	19 40	15 15		n.a.
T 21	23 4	21 19	0n25	25 21	1 34	20 51	0 18	5 28	2 22	18 35	0 22	2 47	2 37	24 6	0 21	8 5	1 55	34 17	14 51	19 54	19 39	15 18		n.a.
F 22	23 10	24 21	1 30	25 12	1 29	20 36	0 27	5 14	2 23	18 38	0 22	2 46	2 37	24 6	0 21	8 5	1 55	34 18	14 51	19 54	19 38	15 21		n.a.
S 23	23 15	26 19	2 31	25 1	1 24	20 20	0 36	4 59	2 23	18 42	0 22	2 46	2 37	24 6	0 21	8 6	1 56	34 18	14 51	19 53	19 37	15 24		n.a.
S 24	23 21	27 3	3 27	24 49	1 18	20 4	0 45	4 45	2 24	18 45	0 22	2 45	2 37	24 6	0 21	8 6	1 56	34 19	14 52	19 53	19 37	15 26		n.a.
M25	23 26	26 25	4 13	24 36	1 12	19 48	0 55	4 31	2 24	18 48	0 22	2 45	2 36	24 6	0 21	8 7	1 56	34 19	14 52	19 52	19 36	15 29		n.a.
T 26	23 30	24 26	4 47	24 21	1 6	19 32	1 5	4 17	2 25	18 52	0 22	2 44	2 36	24 6	0 21	8 7	1 56	34 20	14 52	19 51	19 35	15 32		n.a.
W27	23 34	21 12	5 8	24 6	0 59	19 15	1 15	4 2	2 25	18 55	0 22	2 43	2 36	24 7	0 21	8 8	1 56	34 20	14 53	19 50	19 34	15 35		n.a.
T 28	23 38	16 51	5 14	23 48	0 52	18 59	1 25	3 48	2 25	18 58	0 22	2 43	2 35	24 7	0 21	8 8	1 56	34 21	14 53	19 50	19 33	15 38		n.a.
F 29	23 41	11 36	5 3	23 30	0 45	18 43	1 36	3 34	2 26	19 1	0 22	2 42	2 35	24 7	0 21	8 9	1 56	34 21	14 53	19 49	19 33	15 40		n.a.
S 30	23n44	5n41	4n34	23n11	0n37	18n27	1s47	3s21	2s26	19n 4	0s22	2n41	2n35	24n 7	0n21	8n 9	1s56	34s22	14s53	19n49	19n32	15n43		n.a.

Julian Day Number = 1208763.5, Delta T = 09h15m05s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'35, Lahiri = -23°19'34 Julian Calendar 1 June 1404 BCE == Greg. Calendar 19 May 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

JULY 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 45 47	25♊ 6'18	10♎16	19♋47	1♌50	27♓50	25♉30	29♍13	25♊ 4	25♈18	2°R35	26♉57	25♉41	15♉ 9	n.a.	S 1
M 2	17 49 43	26° 3'51	24°33	21° 9	2°11	28°24	25°43	29°15	25° 7	25°20	2♒34	26°59	25°38	15°16	n.a.	M 2
T 3	17 53 40	27° 1'26	9♏ 5	22°30	2°30	28°59	25°55	29°16	25°11	25°21	2°33	27° 0	25°35	15°23	n.a.	T 3
W 4	17 57 36	27°59'01	23°49	23°48	2°48	29°33	26° 8	29°18	25°15	25°22	2°32	27°R 1	25°32	15°29	n.a.	W 4
T 5	18 1 33	28°56'38	8♐40	25° 5	3° 4	0♈ 7	26°20	29°20	25°18	25°23	2°31	27° 0	25°28	15°36	n.a.	T 5
F 6	18 5 29	29°54'17	23°29	26°20	3°17	0°41	26°33	29°21	25°22	25°25	2°30	26°59	25°25	15°43	n.a.	F 6
S 7	18 9 26	0♋51'56	8♑11	27°32	3°29	1°15	26°45	29°23	25°26	25°26	2°29	26°55	25°22	15°49	n.a.	S 7
S 8	18 13 23	1°49'38	22°36	28°43	3°38	1°48	26°57	29°25	25°30	25°27	2°28	26°50	25°19	15°56	n.a.	S 8
M 9	18 17 19	2°47'21	6♒41	29°51	3°46	2°22	27° 9	29°28	25°33	25°28	2°27	26°45	25°16	16° 2	n.a.	M 9
T 10	18 21 16	3°45'05	20°21	0♌57	3°51	2°55	27°21	29°30	25°37	25°29	2°26	26°39	25°13	16° 9	n.a.	T 10
W11	18 25 12	4°42'52	3♓35	2° 1	3°54	3°27	27°33	29°32	25°41	25°30	2°24	26°35	25° 9	16°16	n.a.	W11
T 12	18 29 9	5°40'40	16°24	3° 2	3°R54	4° 0	27°45	29°35	25°44	25°31	2°23	26°31	25° 6	16°22	n.a.	T 12
F 13	18 33 5	6°38'30	28°52	4° 0	3°53	4°32	27°57	29°37	25°48	25°32	2°22	26°30	25° 3	16°29	n.a.	F 13
S 14	18 37 2	7°36'22	11♈ 2	4°56	3°49	5° 4	28° 9	29°40	25°52	25°33	2°21	26°D29	25° 0	16°36	n.a.	S 14
S 15	18 40 58	8°34'16	23° 0	5°49	3°42	5°35	28°21	29°42	25°55	25°34	2°20	26°30	24°57	16°42	n.a.	S 15
M16	18 44 55	9°32'12	4♉49	6°38	3°34	6° 6	28°33	29°45	25°59	25°35	2°19	26°32	24°54	16°49	n.a.	M16
T 17	18 48 52	10°30'10	16°37	7°25	3°23	6°37	28°45	29°48	26° 3	25°36	2°18	26°33	24°50	16°56	n.a.	T 17
W18	18 52 48	11°28'09	28°26	8° 7	3° 9	7° 8	28°56	29°51	26° 6	25°37	2°17	26°R33	24°47	17° 2	n.a.	W18
T 19	18 56 45	12°26'11	10♊22	8°47	2°54	7°38	29° 8	29°54	26°10	25°37	2°16	26°32	24°44	17° 9	n.a.	T 19
F 20	19 0 41	13°24'15	22°27	9°22	2°36	8° 8	29°19	29°57	26°14	25°38	2°14	26°29	24°41	17°16	n.a.	F 20
S 21	19 4 38	14°22'21	4♋44	9°53	2°15	8°38	29°30	0♎ 0	26°17	25°39	2°13	26°24	24°38	17°22	n.a.	S 21
S 22	19 8 34	15°20'29	17°15	10°19	1°53	9° 7	29°42	0° 3	26°21	25°40	2°12	26°17	24°34	17°29	n.a.	S 22
M23	19 12 31	16°18'38	29°59	10°41	1°29	9°36	29°53	0° 7	26°24	25°40	2°11	26° 8	24°31	17°36	n.a.	M23
T 24	19 16 27	17°16'50	12♌58	10°58	1° 2	10° 5	0♊ 4	0°10	26°28	25°41	2°10	25°59	24°28	17°42	n.a.	T 24
W25	19 20 24	18°15'03	26° 9	11°10	0°34	10°34	0°15	0°14	26°31	25°41	2° 9	25°51	24°25	17°49	n.a.	W25
T 26	19 24 21	19°13'17	9♍33	11°16	0° 4	11° 2	0°26	0°17	26°35	25°42	2° 7	25°43	24°22	17°56	n.a.	T 26
F 27	19 28 17	20°11'34	23° 8	11°R16	29♋32	11°29	0°37	0°21	26°38	25°43	2° 6	25°38	24°19	18° 2	n.a.	F 27
S 28	19 32 14	21° 9'52	6♎54	11° 9	28°59	11°56	0°48	0°25	26°42	25°43	2° 5	25°35	24°15	18° 9	n.a.	S 28
S 29	19 36 10	22° 8'11	20°50	10°57	28°25	12°23	0°59	0°29	26°45	25°44	2° 4	25°D34	24°12	18°15	n.a.	S 29
M30	19 40 7	23° 6'33	4♏55	10°38	27°50	12°50	1° 9	0°32	26°49	25°44	2° 2	25°35	24° 9	18°22	n.a.	M30
T 31	19 44 3	24♋ 4'56	19♏10	10♌13	27♋14	13♈16	1♊20	0♎36	26♊52	25♈44	2♒ 1	25°R35	24♉ 6	18♉29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n46	0s38	3n49	22n51	0n29	18n11	1s58	3s 7	2s27	19n 8	0s22	2n40	2n35	24n 7	0n21	8n10	1s56	34s22	14s54	19n49	19n31	15n46			n.a.
M 2	23 48	7 4	2 49	22 30	0 21	17 55	2 10	2 53	2 27	19 11	0 21	2 40	2 34	24 7	0 21	8 10	1 56	34 22	14 54	19 50	19 30	15 49			n.a.
T 3	23 50	13 15	1 37	22 9	0 12	17 39	2 21	2 39	2 27	19 14	0 21	2 39	2 34	24 7	0 21	8 11	1 56	34 23	14 54	19 50	19 30	15 52			n.a.
W 4	23 51	18 47	0 18	21 47	0 3	17 24	2 33	2 26	2 28	19 17	0 21	2 38	2 34	24 8	0 21	8 11	1 56	34 23	14 54	19 50	19 29	15 54			n.a.
T 5	23 51	23 11	1s 3	21 24	0s 6	17 8	2 46	2 12	2 28	19 20	0 21	2 37	2 34	24 8	0 21	8 11	1 56	34 24	14 55	19 50	19 28	15 57			n.a.
F 6	23 52	26 1	2 20	21 1	0 15	16 53	2 58	1 59	2 28	19 23	0 21	2 36	2 33	24 8	0 21	8 12	1 56	34 24	14 55	19 50	19 27	16 0			n.a.
S 7	23 51	27 2	3 26	20 37	0 24	16 38	3 10	1 45	2 28	19 26	0 21	2 35	2 33	24 8	0 21	8 12	1 56	34 25	14 55	19 49	19 27	16 3			n.a.
S 8	23 51	26 10	4 18	20 13	0 34	16 23	3 23	1 32	2 29	19 29	0 21	2 34	2 33	24 8	0 21	8 13	1 56	34 25	14 55	19 48	19 26	16 6			n.a.
M 9	23 50	23 38	4 52	19 49	0 44	16 9	3 36	1 19	2 29	19 32	0 21	2 33	2 32	24 8	0 21	8 13	1 56	34 26	14 55	19 46	19 25	16 8			n.a.
T 10	23 48	19 50	5 9	19 25	0 54	15 55	3 49	1 6	2 29	19 35	0 21	2 31	2 32	24 8	0 21	8 13	1 56	34 26	14 56	19 45	19 24	16 11			n.a.
W11	23 47	15 9	5 9	19 1	1 4	15 41	4 3	0 53	2 30	19 38	0 21	2 30	2 32	24 9	0 21	8 14	1 56	34 27	14 56	19 44	19 23	16 14			n.a.
T 12	23 44	9 56	4 53	18 37	1 15	15 28	4 16	0 40	2 30	19 40	0 21	2 29	2 32	24 9	0 21	8 14	1 57	34 27	14 56	19 43	19 23	16 17			n.a.
F 13	23 41	4 28	4 23	18 13	1 25	15 16	4 30	0 28	2 30	19 43	0 21	2 28	2 31	24 9	0 21	8 14	1 57	34 28	14 56	19 43	19 22	16 19			n.a.
S 14	23 38	1n 3	3 42	17 49	1 36	15 3	4 43	0 15	2 30	19 46	0 21	2 27	2 31	24 9	0 21	8 15	1 57	34 28	14 56	19 43	19 21	16 22			n.a.
S 15	23 35	6 26	2 52	17 26	1 47	14 52	4 57	0 2	2 30	19 49	0 20	2 25	2 31	24 9	0 21	8 15	1 57	34 28	14 56	19 43	19 20	16 25			n.a.
M16	23 31	11 33	1 55	17 3	1 57	14 40	5 10	0n10	2 31	19 51	0 20	2 24	2 31	24 9	0 21	8 15	1 57	34 29	14 57	19 43	19 20	16 28			n.a.
T 17	23 26	16 14	0 54	16 41	2 8	14 30	5 24	0 22	2 31	19 54	0 20	2 22	2 30	24 9	0 21	8 15	1 57	34 29	14 57	19 44	19 19	16 30			n.a.
W18	23 21	20 20	0n10	16 19	2 19	14 20	5 37	0 34	2 31	19 57	0 20	2 21	2 30	24 10	0 21	8 16	1 57	34 30	14 57	19 44	19 18	16 33			n.a.
T 19	23 16	23 37	1 14	15 59	2 29	14 10	5 50	0 46	2 31	19 59	0 20	2 20	2 30	24 10	0 21	8 16	1 57	34 30	14 57	19 43	19 17	16 36			n.a.
F 20	23 10	25 54	2 15	15 39	2 40	14 2	6 3	0 58	2 31	20 2	0 20	2 18	2 30	24 10	0 21	8 16	1 57	34 31	14 57	19 43	19 16	16 39			n.a.
S 21	23 4	26 58	3 11	15 21	2 50	13 54	6 16	1 10	2 32	20 4	0 20	2 17	2 29	24 10	0 21	8 16	1 57	34 31	14 57	19 41	19 16	16 41			n.a.
S 22	22 58	26 40	3 59	15 4	3 0	13 46	6 29	1 22	2 32	20 7	0 20	2 15	2 29	24 10	0 21	8 16	1 57	34 32	14 58	19 40	19 15	16 44			n.a.
M23	22 51	24 59	4 35	14 49	3 10	13 40	6 41	1 33	2 32	20 10	0 20	2 13	2 29	24 10	0 21	8 17	1 57	34 32	14 58	19 38	19 14	16 47			n.a.
T 24	22 43	21 59	4 58	14 35	3 20	13 34	6 53	1 44	2 32	20 12	0 20	2 12	2 29	24 10	0 21	8 17	1 57	34 32	14 58	19 36	19 13	16 50			n.a.
W25	22 36	17 48	5 6	14 23	3 29	13 29	7 4	1 56	2 32	20 14	0 20	2 10	2 28	24 10	0 21	8 17	1 57	34 33	14 58	19 33	19 12	16 52			n.a.
T 26	22 27	12 42	4 57	14 13	3 38	13 25	7 15	2 7	2 32	20 17	0 20	2 9	2 28	24 10	0 21	8 17	1 57	34 33	14 58	19 32	19 12	16 55			n.a.
F 27	22 19	6 55	4 32	14 6	3 45	13 21	7 25	2 18	2 32	20 19	0 20	2 7	2 28	24 11	0 22	8 17	1 57	34 34	14 58	19 30	19 11	16 58			n.a.
S 28	22 10	0 44	3 51	14 0	3 53	13 18	7 35	2 28	2 32	20 22	0 20	2 5	2 28	24 11	0 22	8 17	1 57	34 34	14 58	19 30	19 10	17 1			n.a.
S 29	22 0	5s34	2 55	13 58	3 59	13 17	7 43	2 39	2 32	20 24	0 19	2 3	2 28	24 11	0 22	8 18	1 58	34 34	14 58	19 29	19 9	17 3			n.a.
M30	21 51	11 41	1 48	13 58	4 4	13 15	7 52	2 49	2 32	20 26	0 19	2 2	2 27	24 11	0 22	8 18	1 58	34 35	14 58	19 30	19 8	17 6			n.a.
T 31	21n40	17s16	0n34	14n 1	4s 8	13n15	7s59	3n 0	2s32	20n28	0s19	2n 0	2n27	24n11	0n22	8n18	1s58	34s35	14s58	19n30	19n 8	17n 9			n.a.

Julian Day Number = 1208793.5, Delta T = 09h15m04s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'31, Lahiri = -23°19'30 Julian Calendar 1 July 1404 BCE == Greg. Calendar 18 June 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

AUGUST 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 48 0	25♋ 3'21	3♐32	9°R41	26°R38	13♈41	1♊30	0♎40	26♊56	25♈45	2°R 0	25°R35	24♉ 3	18♉35	n.a.	W 1
T 2	19 51 56	26° 1'48	17°58	9♌ 2	26♋ 1	14° 7	1°40	0°45	26°59	25°45	1♒59	25♉33	24° 0	18°42	n.a.	T 2
F 3	19 55 53	27° 0'16	2♑24	8°18	25°24	14°32	1°51	0°49	27° 2	25°45	1°58	25°29	23°56	18°49	n.a.	F 3
S 4	19 59 50	27°58'47	16°45	7°28	24°47	14°56	2° 1	0°53	27° 6	25°46	1°56	25°22	23°53	18°55	n.a.	S 4
S 5	20 3 46	28°57'19	0♒55	6°33	24°11	15°20	2°11	0°57	27° 9	25°46	1°55	25°13	23°50	19° 2	n.a.	S 5
M 6	20 7 43	29°55'54	14°49	5°34	23°36	15°44	2°21	1° 2	27°12	25°46	1°54	25° 2	23°47	19° 9	n.a.	M 6
T 7	20 11 39	0♌54'30	28°23	4°33	23° 1	16° 7	2°31	1° 6	27°16	25°46	1°53	24°52	23°44	19°15	n.a.	T 7
W 8	20 15 36	1°53'09	11♓34	3°29	22°28	16°29	2°40	1°11	27°19	25°47	1°51	24°42	23°40	19°22	n.a.	W 8
T 9	20 19 32	2°51'50	24°23	2°26	21°55	16°52	2°50	1°16	27°22	25°47	1°50	24°34	23°37	19°29	n.a.	T 9
F 10	20 23 29	3°50'34	6♈51	1°24	21°25	17°13	3° 0	1°20	27°25	25°47	1°49	24°28	23°34	19°35	n.a.	F 10
S 11	20 27 25	4°49'20	19° 2	0°25	20°56	17°34	3° 9	1°25	27°28	25°47	1°48	24°25	23°31	19°42	n.a.	S 11
S 12	20 31 22	5°48'08	0♉59	29♋30	20°29	17°55	3°18	1°30	27°31	25°R47	1°46	24°24	23°28	19°48	n.a.	S 12
M13	20 35 18	6°46'58	12°50	28°42	20° 4	18°15	3°27	1°35	27°35	25°47	1°45	24°D24	23°25	19°55	n.a.	M13
T 14	20 39 15	7°45'51	24°37	28° 0	19°41	18°35	3°37	1°40	27°38	25°47	1°44	24°R24	23°21	20° 2	n.a.	T 14
W15	20 43 12	8°44'47	6♊29	27°26	19°20	18°54	3°46	1°45	27°41	25°47	1°43	24°23	23°18	20° 8	n.a.	W15
T 16	20 47 8	9°43'45	18°28	27° 2	19° 1	19°12	3°54	1°50	27°44	25°47	1°41	24°21	23°15	20°15	n.a.	T 16
F 17	20 51 5	10°42'45	0♋40	26°47	18°45	19°30	4° 3	1°55	27°47	25°46	1°40	24°16	23°12	20°22	n.a.	F 17
S 18	20 55 1	11°41'48	13° 8	26°D43	18°31	19°48	4°12	2° 0	27°50	25°46	1°39	24° 8	23° 9	20°28	n.a.	S 18
S 19	20 58 58	12°40'53	25°54	26°48	18°20	20° 5	4°20	2° 6	27°53	25°46	1°38	23°58	23° 6	20°35	n.a.	S 19
M20	21 2 54	13°40'01	8♌58	27° 4	18°11	20°21	4°28	2°11	27°55	25°46	1°37	23°46	23° 2	20°42	n.a.	M20
T 21	21 6 51	14°39'10	22°19	27°30	18° 4	20°36	4°37	2°16	27°58	25°45	1°35	23°33	22°59	20°48	n.a.	T 21
W22	21 10 47	15°38'22	5♍55	28° 5	18° 0	20°51	4°45	2°22	28° 1	25°45	1°34	23°21	22°56	20°55	n.a.	W22
T 23	21 14 44	16°37'35	19°44	28°49	17°D58	21° 5	4°53	2°27	28° 4	25°45	1°33	23°10	22°53	21° 2	n.a.	T 23
F 24	21 18 41	17°36'51	3♎40	29°41	17°58	21°19	5° 0	2°33	28° 7	25°44	1°32	23° 2	22°50	21° 8	n.a.	F 24
S 25	21 22 37	18°36'09	17°42	0♌41	18° 1	21°32	5° 8	2°39	28° 9	25°44	1°31	22°57	22°46	21°15	n.a.	S 25
S 26	21 26 34	19°35'28	1♏46	1°48	18° 6	21°44	5°16	2°44	28°12	25°43	1°29	22°55	22°43	21°22	n.a.	S 26
M27	21 30 30	20°34'50	15°51	3° 1	18°14	21°56	5°23	2°50	28°15	25°43	1°28	22°54	22°40	21°28	n.a.	M27
T 28	21 34 27	21°34'13	29°57	4°19	18°23	22° 7	5°30	2°56	28°17	25°42	1°27	22°54	22°37	21°35	n.a.	T 28
W29	21 38 23	22°33'39	14♐ 3	5°42	18°35	22°17	5°37	3° 2	28°20	25°42	1°26	22°53	22°34	21°41	n.a.	W29
T 30	21 42 20	23°33'06	28° 7	7°10	18°49	22°26	5°44	3° 7	28°22	25°41	1°25	22°50	22°31	21°48	n.a.	T 30
F 31	21 46 16	24♌32'36	12♑ 7	8♌41	19♋ 5	22♈35	5♊51	3♎13	28♊25	25♈41	1♒24	22♉45	22♉27	21♉55	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21n30	21s55	0s42	14n 7	4s11	13n15	8s 5	3n10	2s32	20n31	0s19	1n58	2n27	24n11	0n22	8n18	1s58	34s36	14s59	19n30	19n 7	17n11			n.a.
T 2	21 19	25 14	1 57	14 16	4 12	13 17	8 11	3 20	2 32	20 33	0 19	1 56	2 27	24 11	0 22	8 18	1 58	34 36	14 59	19 29	19 6	17 14			n.a.
F 3	21 8	26 54	3 3	14 28	4 12	13 18	8 16	3 29	2 32	20 35	0 19	1 54	2 26	24 11	0 22	8 18	1 58	34 36	14 59	19 28	19 5	17 17			n.a.
S 4	20 56	26 43	3 58	14 43	4 9	13 21	8 20	3 39	2 32	20 37	0 19	1 52	2 26	24 11	0 22	8 18	1 58	34 37	14 59	19 26	19 4	17 20			n.a.
S 5	20 44	24 48	4 37	15 1	4 5	13 24	8 23	3 49	2 32	20 39	0 19	1 50	2 26	24 11	0 22	8 18	1 58	34 37	14 59	19 24	19 4	17 22			n.a.
M 6	20 31	21 25	4 58	15 21	3 59	13 28	8 25	3 58	2 32	20 41	0 19	1 48	2 26	24 12	0 22	8 18	1 58	34 37	14 59	19 22	19 3	17 25			n.a.
T 7	20 19	16 57	5 3	15 44	3 51	13 33	8 26	4 7	2 32	20 43	0 19	1 46	2 26	24 12	0 22	8 18	1 58	34 38	14 59	19 19	19 2	17 28			n.a.
W 8	20 5	11 48	4 50	16 9	3 40	13 38	8 26	4 16	2 32	20 45	0 19	1 44	2 25	24 12	0 22	8 18	1 58	34 38	14 59	19 17	19 1	17 30			n.a.
T 9	19 52	6 17	4 24	16 35	3 28	13 43	8 25	4 25	2 32	20 47	0 19	1 42	2 25	24 12	0 22	8 18	1 58	34 38	14 59	19 15	19 0	17 33			n.a.
F 10	19 38	0 40	3 45	17 3	3 14	13 50	8 24	4 33	2 31	20 49	0 19	1 40	2 25	24 12	0 22	8 18	1 58	34 39	14 59	19 13	19 0	17 36			n.a.
S 11	19 24	4n52	2 56	17 31	2 59	13 56	8 22	4 42	2 31	20 51	0 19	1 38	2 25	24 12	0 22	8 18	1 58	34 39	14 59	19 12	18 59	17 38			n.a.
S 12	19 9	10 8	2 1	17 59	2 42	14 3	8 19	4 50	2 31	20 53	0 18	1 36	2 24	24 12	0 22	8 18	1 58	34 39	14 59	19 12	18 58	17 41			n.a.
M13	18 54	14 59	1 1	18 26	2 24	14 11	8 15	4 58	2 31	20 55	0 18	1 34	2 24	24 12	0 22	8 18	1 58	34 40	14 59	19 12	18 57	17 44			n.a.
T 14	18 39	19 17	0n 1	18 53	2 5	14 18	8 10	5 5	2 31	20 57	0 18	1 31	2 24	24 12	0 22	8 18	1 59	34 40	14 59	19 12	18 56	17 46			n.a.
W15	18 23	22 49	1 4	19 19	1 46	14 26	8 5	5 13	2 30	20 59	0 18	1 29	2 24	24 12	0 22	8 18	1 59	34 40	14 59	19 12	18 56	17 49			n.a.
T 16	18 8	25 25	2 4	19 43	1 26	14 35	7 59	5 20	2 30	21 0	0 18	1 27	2 24	24 12	0 22	8 18	1 59	34 41	14 59	19 11	18 55	17 52			n.a.
F 17	17 51	26 51	3 0	20 4	1 7	14 43	7 53	5 28	2 30	21 2	0 18	1 25	2 24	24 12	0 22	8 17	1 59	34 41	14 59	19 10	18 54	17 54			n.a.
S 18	17 35	26 59	3 48	20 24	0 48	14 52	7 46	5 35	2 29	21 4	0 18	1 22	2 23	24 13	0 22	8 17	1 59	34 41	14 59	19 8	18 53	17 57			n.a.
S 19	17 18	25 41	4 26	20 41	0 30	15 0	7 39	5 41	2 29	21 5	0 18	1 20	2 23	24 13	0 22	8 17	1 59	34 41	14 59	19 6	18 52	18 0			n.a.
M20	17 1	23 0	4 51	20 55	0 12	15 9	7 31	5 48	2 29	21 7	0 18	1 18	2 23	24 13	0 22	8 17	1 59	34 42	14 59	19 3	18 52	18 2			n.a.
T 21	16 43	19 2	5 0	21 6	0n 4	15 18	7 23	5 54	2 28	21 9	0 18	1 15	2 23	24 13	0 22	8 17	1 59	34 42	14 59	18 59	18 51	18 5			n.a.
W22	16 26	14 2	4 53	21 14	0 20	15 27	7 14	6 0	2 28	21 10	0 18	1 13	2 23	24 13	0 22	8 17	1 59	34 42	14 59	18 56	18 50	18 8			n.a.
T 23	16 8	8 15	4 29	21 19	0 34	15 36	7 5	6 6	2 27	21 12	0 18	1 11	2 22	24 13	0 22	8 17	1 59	34 42	14 59	18 54	18 49	18 10			n.a.
F 24	15 50	2 1	3 49	21 21	0 48	15 45	6 56	6 12	2 27	21 13	0 18	1 8	2 22	24 13	0 22	8 16	1 59	34 43	14 59	18 52	18 48	18 13			n.a.
S 25	15 31	4s23	2 55	21 20	1 0	15 54	6 47	6 17	2 26	21 15	0 17	1 6	2 22	24 13	0 22	8 16	1 59	34 43	14 58	18 50	18 47	18 15			n.a.
S 26	15 12	10 35	1 49	21 15	1 10	16 3	6 37	6 22	2 26	21 16	0 17	1 3	2 22	24 13	0 22	8 16	1 59	34 43	14 58	18 50	18 47	18 18			n.a.
M27	14 53	16 17	0 37	21 7	1 20	16 12	6 28	6 27	2 25	21 18	0 17	1 1	2 22	24 13	0 22	8 16	1 59	34 43	14 58	18 49	18 46	18 21			n.a.
T 28	14 34	21 6	0s37	20 56	1 28	16 20	6 18	6 32	2 25	21 19	0 17	0 58	2 22	24 13	0 22	8 15	1 59	34 43	14 58	18 49	18 45	18 23			n.a.
W29	14 14	24 42	1 49	20 43	1 35	16 28	6 8	6 36	2 24	21 20	0 17	0 56	2 21	24 13	0 22	8 15	1 59	34 44	14 58	18 49	18 44	18 26			n.a.
T 30	13 54	26 45	2 54	20 26	1 41	16 36	5 58	6 40	2 23	21 22	0 17	0 53	2 21	24 13	0 22	8 15	1 59	34 44	14 58	18 48	18 43	18 29			n.a.
F 31	13n34	27s 6	3s49	20n 7	1n46	16n44	5s48	6n44	2s23	21n23	0s17	0n51	2n21	24n13	0n22	8n15	2s 0	34s44	14s58	18n47	18n42	18n31			n.a.

Julian Day Number = 1208824.5, Delta T = 09h15m02s
Ecliptic obliquity = 23°51'41, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'26, Lahiri = -23°19'26 Julian Calendar 1 Aug. 1404 BCE == Greg. Calendar 19 July 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

SEPTEMBER 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 50 13	25♌32'07	26♉ 2	10♌15	19♋23	22♈43	5♊58	3♎19	28♊27	25°R40	1°R23	22°R36	22♉24	22♉ 1	n.a.	S 1
S 2	21 54 9	26°31'40	9♒48	11°51	19°43	22°50	6° 4	3°25	28°29	25♈39	1♒22	22♉25	22°21	22° 8	n.a.	S 2
M 3	21 58 6	27°31'15	23°21	13°29	20° 4	22°57	6°11	3°31	28°32	25°39	1°20	22°13	22°18	22°15	n.a.	M 3
T 4	22 2 3	28°30'53	6♓38	15° 9	20°28	23° 2	6°17	3°38	28°34	25°38	1°19	22° 0	22°15	22°21	n.a.	T 4
W 5	22 5 59	29°30'32	19°38	16°50	20°53	23° 7	6°23	3°44	28°36	25°37	1°18	21°48	22°12	22°28	n.a.	W 5
T 6	22 9 56	0♍30'14	2♈20	18°31	21°20	23°11	6°29	3°50	28°39	25°36	1°17	21°37	22° 8	22°35	n.a.	T 6
F 7	22 13 52	1°29'58	14°44	20°14	21°49	23°14	6°35	3°56	28°41	25°36	1°16	21°30	22° 5	22°41	n.a.	F 7
S 8	22 17 49	2°29'44	26°52	21°57	22°19	23°17	6°40	4° 2	28°43	25°35	1°15	21°25	22° 2	22°48	n.a.	S 8
S 9	22 21 45	3°29'33	8♉49	23°40	22°51	23°18	6°46	4° 9	28°45	25°34	1°14	21°23	21°59	22°55	n.a.	S 9
M10	22 25 42	4°29'24	20°39	25°23	23°24	23°R19	6°51	4°15	28°47	25°33	1°13	21°D22	21°56	23° 1	n.a.	M10
T 11	22 29 38	5°29'18	2♊26	27° 6	23°59	23°19	6°56	4°21	28°49	25°32	1°12	21°R22	21°52	23° 8	n.a.	T 11
W12	22 33 35	6°29'14	14°17	28°49	24°35	23°18	7° 1	4°28	28°51	25°31	1°11	21°22	21°49	23°15	n.a.	W12
T 13	22 37 31	7°29'12	26°17	0♍32	25°12	23°16	7° 6	4°34	28°53	25°30	1°10	21°20	21°46	23°21	n.a.	T 13
F 14	22 41 28	8°29'13	8♋31	2°14	25°51	23°13	7°10	4°41	28°55	25°29	1° 9	21°17	21°43	23°28	n.a.	F 14
S 15	22 45 25	9°29'16	21° 4	3°56	26°30	23° 9	7°15	4°47	28°56	25°28	1° 8	21°10	21°40	23°34	n.a.	S 15
S 16	22 49 21	10°29'21	3♌58	5°38	27°11	23° 5	7°19	4°54	28°58	25°27	1° 7	21° 1	21°37	23°41	n.a.	S 16
M17	22 53 18	11°29'29	17°16	7°19	27°54	22°59	7°23	5° 1	29° 0	25°26	1° 6	20°51	21°33	23°48	n.a.	M17
T 18	22 57 14	12°29'38	0♍56	9° 0	28°37	22°53	7°27	5° 7	29° 2	25°25	1° 6	20°39	21°30	23°54	n.a.	T 18
W19	23 1 11	13°29'50	14°55	10°40	29°21	22°46	7°30	5°14	29° 3	25°23	1° 5	20°28	21°27	24° 1	n.a.	W19
T 20	23 5 7	14°30'03	29°10	12°20	0♌ 6	22°37	7°34	5°21	29° 5	25°22	1° 4	20°18	21°24	24° 8	n.a.	T 20
F 21	23 9 4	15°30'18	13♎33	13°59	0°53	22°28	7°37	5°27	29° 6	25°21	1° 3	20°11	21°21	24°14	n.a.	F 21
S 22	23 13 0	16°30'35	28° 0	15°38	1°40	22°18	7°40	5°34	29° 8	25°20	1° 2	20° 6	21°17	24°21	n.a.	S 22
S 23	23 16 57	17°30'54	12♏25	17°17	2°28	22° 8	7°43	5°41	29° 9	25°19	1° 1	20° 4	21°14	24°28	n.a.	S 23
M24	23 20 54	18°31'15	26°44	18°55	3°17	21°56	7°46	5°47	29°10	25°17	1° 1	20°D 4	21°11	24°34	n.a.	M24
T 25	23 24 50	19°31'37	10♐54	20°32	4° 7	21°44	7°49	5°54	29°12	25°16	1° 0	20° 5	21° 8	24°41	n.a.	T 25
W26	23 28 47	20°32'01	24°56	22° 9	4°57	21°30	7°51	6° 1	29°13	25°15	0°59	20°R 5	21° 5	24°48	n.a.	W26
T 27	23 32 43	21°32'26	8♑48	23°46	5°48	21°16	7°53	6° 8	29°14	25°13	0°58	20° 3	21° 2	24°54	n.a.	T 27
F 28	23 36 40	22°32'53	22°29	25°22	6°41	21° 1	7°55	6°15	29°15	25°12	0°58	20° 0	20°58	25° 1	n.a.	F 28
S 29	23 40 36	23°33'22	6♒ 1	26°58	7°33	20°46	7°57	6°22	29°16	25°11	0°57	19°53	20°55	25° 7	n.a.	S 29
S 30	23 44 33	24♍33'52	19♒21	28♍33	8♌27	20♈30	7♊59	6♎29	29♊17	25♈ 9	0♒56	19♉45	20♉52	25♉14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n14	25s43	4s29	19n45	1n50	16n52	5s38	6n48	2s22	21n24	0s17	0n48	2n21	24n13	0n22	8n14	2s 0	34s44	14s58	18n45	18n42	18n34		n.a.
S 2	12 53	22 48	4 53	19 21	1 53	16 59	5 27	6 51	2 21	21 25	0 17	0 46	2 21	24 13	0 22	8 14	2 0	34 44	14 58	18 42	18 41	18 36		n.a.
M 3	12 33	18 41	5 0	18 54	1 55	17 6	5 17	6 54	2 20	21 27	0 17	0 43	2 21	24 14	0 22	8 14	2 0	34 44	14 58	18 39	18 40	18 39		n.a.
T 4	12 12	13 43	4 51	18 26	1 56	17 13	5 7	6 57	2 20	21 28	0 17	0 41	2 21	24 14	0 22	8 13	2 0	34 45	14 57	18 35	18 39	18 41		n.a.
W 5	11 51	8 14	4 26	17 55	1 57	17 19	4 57	7 0	2 19	21 29	0 17	0 38	2 20	24 14	0 22	8 13	2 0	34 45	14 57	18 32	18 38	18 44		n.a.
T 6	11 29	2 33	3 49	17 23	1 56	17 25	4 47	7 2	2 18	21 30	0 17	0 35	2 20	24 14	0 22	8 13	2 0	34 45	14 57	18 29	18 38	18 47		n.a.
F 7	11 8	3n 8	3 1	16 49	1 56	17 31	4 36	7 4	2 17	21 31	0 17	0 33	2 20	24 14	0 22	8 12	2 0	34 45	14 57	18 27	18 37	18 49		n.a.
S 8	10 46	8 35	2 6	16 14	1 54	17 36	4 26	7 6	2 16	21 32	0 16	0 30	2 20	24 14	0 22	8 12	2 0	34 45	14 57	18 26	18 36	18 52		n.a.
S 9	10 24	13 39	1 6	15 38	1 52	17 41	4 16	7 8	2 15	21 33	0 16	0 27	2 20	24 14	0 22	8 12	2 0	34 45	14 57	18 25	18 35	18 54		n.a.
M10	10 2	18 10	0 4	15 0	1 50	17 45	4 6	7 9	2 14	21 34	0 16	0 25	2 20	24 14	0 23	8 11	2 0	34 45	14 56	18 25	18 34	18 57		n.a.
T 11	9 40	21 58	0n58	14 21	1 47	17 49	3 56	7 10	2 12	21 35	0 16	0 22	2 20	24 14	0 23	8 11	2 0	34 45	14 56	18 25	18 33	19 0		n.a.
W12	9 17	24 53	1 59	13 42	1 43	17 52	3 47	7 11	2 11	21 36	0 16	0 19	2 20	24 14	0 23	8 10	2 0	34 45	14 56	18 25	18 33	19 2		n.a.
T 13	8 55	26 43	2 54	13 1	1 39	17 55	3 37	7 11	2 10	21 37	0 16	0 17	2 19	24 14	0 23	8 10	2 0	34 45	14 56	18 25	18 32	19 5		n.a.
F 14	8 32	27 17	3 43	12 20	1 35	17 58	3 27	7 11	2 9	21 38	0 16	0 14	2 19	24 14	0 23	8 10	2 0	34 45	14 56	18 24	18 31	19 7		n.a.
S 15	8 9	26 30	4 22	11 39	1 31	17 59	3 18	7 11	2 7	21 39	0 16	0 11	2 19	24 14	0 23	8 9	2 0	34 46	14 56	18 22	18 30	19 10		n.a.
S 16	7 46	24 17	4 49	10 56	1 26	18 1	3 8	7 11	2 6	21 39	0 16	0 9	2 19	24 14	0 23	8 9	2 0	34 46	14 55	18 20	18 29	19 12		n.a.
M17	7 23	20 43	5 2	10 13	1 21	18 2	2 59	7 10	2 5	21 40	0 16	0 6	2 19	24 14	0 23	8 8	2 0	34 46	14 55	18 17	18 28	19 15		n.a.
T 18	6 59	15 57	4 58	9 30	1 16	18 2	2 50	7 9	2 3	21 41	0 16	0 3	2 19	24 14	0 23	8 8	2 0	34 46	14 55	18 14	18 27	19 17		n.a.
W19	6 36	10 16	4 36	8 47	1 10	18 2	2 41	7 8	2 2	21 42	0 16	0 0	2 19	24 14	0 23	8 7	2 0	34 46	14 55	18 11	18 27	19 20		n.a.
T 20	6 12	3 57	3 56	8 3	1 5	18 1	2 32	7 6	2 0	21 42	0 15	0s 2	2 19	24 14	0 23	8 7	2 1	34 46	14 54	18 8	18 26	19 22		n.a.
F 21	5 49	2s39	3 2	7 19	0 59	18 0	2 23	7 4	1 58	21 43	0 15	0 5	2 19	24 14	0 23	8 6	2 1	34 46	14 54	18 6	18 25	19 25		n.a.
S 22	5 25	9 10	1 55	6 34	0 53	17 58	2 14	7 2	1 57	21 43	0 15	0 8	2 19	24 14	0 23	8 6	2 1	34 46	14 54	18 5	18 24	19 27		n.a.
S 23	5 1	15 11	0 41	5 50	0 47	17 55	2 5	7 0	1 55	21 44	0 15	0 11	2 19	24 14	0 23	8 5	2 1	34 46	14 54	18 4	18 23	19 30		n.a.
M24	4 37	20 21	0s36	5 5	0 41	17 52	1 57	6 57	1 53	21 45	0 15	0 14	2 18	24 14	0 23	8 5	2 1	34 45	14 54	18 4	18 22	19 32		n.a.
T 25	4 13	24 16	1 49	4 20	0 35	17 49	1 49	6 54	1 51	21 45	0 15	0 16	2 18	24 15	0 23	8 4	2 1	34 45	14 53	18 4	18 22	19 35		n.a.
W26	3 49	26 41	2 55	3 36	0 28	17 44	1 40	6 51	1 49	21 46	0 15	0 19	2 18	24 15	0 23	8 4	2 1	34 45	14 53	18 4	18 21	19 37		n.a.
T 27	3 25	27 24	3 50	2 51	0 22	17 40	1 32	6 47	1 47	21 46	0 15	0 22	2 18	24 15	0 23	8 3	2 1	34 45	14 53	18 4	18 20	19 40		n.a.
F 28	3 0	26 24	4 31	2 6	0 15	17 34	1 24	6 43	1 45	21 46	0 15	0 25	2 18	24 15	0 23	8 3	2 1	34 45	14 53	18 3	18 19	19 42		n.a.
S 29	2 36	23 53	4 57	1 22	0 9	17 28	1 17	6 39	1 43	21 47	0 15	0 28	2 18	24 15	0 23	8 2	2 1	34 45	14 52	18 1	18 18	19 45		n.a.
S 30	2n12	20s 6	5s 5	0n37	0n 2	17n22	1s 9	6n35	1s41	21n47	0s15	0s31	2n18	24n15	0n23	8n 2	2s 1	34s45	14s52	17n59	18n17	19n47		n.a.

Julian Day Number = 1208855.5, Delta T = 09h15m00s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'22, Lahiri = -23°19'22 Julian Calendar 1 Sept. 1404 BCE == Greg. Calendar 19 Aug. 1404 BCE

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

OCTOBER 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 48 29	25♍34'23	2♓30	0♎ 8	9♌21	20°R13	8♊ 0	6♎35	29♊18	25°R 8	0°R56	19°R35	20♉49	25♉21	n.a.	M 1
T 2	23 52 26	26°34'56	15°25	1°43	10°16	19♈55	8° 1	6°42	29°19	25♈ 6	0♒55	19♉25	20°46	25°27	n.a.	T 2
W 3	23 56 22	27°35'31	28° 7	3°18	11°11	19°36	8° 2	6°49	29°20	25° 5	0°54	19°16	20°43	25°34	n.a.	W 3
T 4	0 0 19	28°36'07	10♈35	4°52	12° 8	19°17	8° 3	6°56	29°21	25° 3	0°54	19° 8	20°39	25°41	n.a.	T 4
F 5	0 4 16	29°36'45	22°50	6°26	13° 4	18°58	8° 4	7° 3	29°22	25° 2	0°53	19° 2	20°36	25°47	n.a.	F 5
S 6	0 8 12	0♎37'25	4♉53	7°59	14° 2	18°38	8° 4	7°10	29°22	25° 0	0°53	18°59	20°33	25°54	n.a.	S 6
S 7	0 12 9	1°38'06	16°47	9°32	14°59	18°17	8° 4	7°17	29°23	24°59	0°52	18°D58	20°30	26° 1	n.a.	S 7
M 8	0 16 5	2°38'50	28°35	11° 5	15°58	17°56	8°R 4	7°24	29°23	24°57	0°52	18°58	20°27	26° 7	n.a.	M 8
T 9	0 20 2	3°39'35	10♊22	12°38	16°57	17°34	8° 4	7°31	29°24	24°56	0°51	19° 0	20°23	26°14	n.a.	T 9
W10	0 23 58	4°40'22	22°12	14°11	17°56	17°13	8° 4	7°38	29°24	24°54	0°51	19° 1	20°20	26°21	n.a.	W10
T 11	0 27 55	5°41'11	4♋10	15°43	18°56	16°50	8° 3	7°45	29°25	24°53	0°51	19°R 2	20°17	26°27	n.a.	T 11
F 12	0 31 51	6°42'01	16°23	17°15	19°56	16°28	8° 3	7°52	29°25	24°51	0°50	19° 1	20°14	26°34	n.a.	F 12
S 13	0 35 48	7°42'53	28°53	18°47	20°57	16° 5	8° 2	7°59	29°25	24°49	0°50	18°59	20°11	26°41	n.a.	S 13
S 14	0 39 45	8°43'47	11♌47	20°19	21°58	15°42	8° 1	8° 6	29°26	24°48	0°49	18°55	20° 8	26°47	n.a.	S 14
M15	0 43 41	9°44'42	25° 7	21°50	23° 0	15°19	7°59	8°13	29°26	24°46	0°49	18°49	20° 4	26°54	n.a.	M15
T 16	0 47 38	10°45'39	8♍53	23°21	24° 2	14°55	7°58	8°20	29°26	24°45	0°49	18°43	20° 1	27° 0	n.a.	T 16
W17	0 51 34	11°46'38	23° 4	24°52	25° 5	14°32	7°56	8°27	29°26	24°43	0°49	18°37	19°58	27° 7	n.a.	W17
T 18	0 55 31	12°47'37	7♎36	26°23	26° 7	14° 9	7°54	8°34	29°R26	24°41	0°48	18°31	19°55	27°14	n.a.	T 18
F 19	0 59 27	13°48'38	22°22	27°53	27°11	13°46	7°52	8°41	29°26	24°40	0°48	18°27	19°52	27°20	n.a.	F 19
S 20	1 3 24	14°49'40	7♏15	29°23	28°14	13°23	7°49	8°48	29°26	24°38	0°48	18°25	19°49	27°27	n.a.	S 20
S 21	1 7 20	15°50'43	22° 6	0♏53	29°18	13° 0	7°47	8°55	29°26	24°36	0°48	18°D25	19°45	27°34	n.a.	S 21
M22	1 11 17	16°51'47	6♐49	2°22	0♍22	12°37	7°44	9° 2	29°26	24°35	0°47	18°26	19°42	27°40	n.a.	M22
T 23	1 15 14	17°52'52	21°18	3°51	1°27	12°15	7°41	9° 9	29°25	24°33	0°47	18°27	19°39	27°47	n.a.	T 23
W24	1 19 10	18°53'58	5♑30	5°19	2°32	11°52	7°38	9°16	29°25	24°31	0°47	18°29	19°36	27°54	n.a.	W24
T 25	1 23 7	19°55'05	19°23	6°47	3°37	11°31	7°35	9°23	29°25	24°29	0°47	18°R29	19°33	28° 0	n.a.	T 25
F 26	1 27 3	20°56'12	2♒59	8°14	4°42	11° 9	7°31	9°30	29°24	24°28	0°47	18°29	19°29	28° 7	n.a.	F 26
S 27	1 31 0	21°57'20	16°17	9°40	5°48	10°49	7°27	9°37	29°24	24°26	0°47	18°27	19°26	28°14	n.a.	S 27
S 28	1 34 56	22°58'28	29°19	11° 5	6°54	10°28	7°24	9°44	29°23	24°24	0°D47	18°24	19°23	28°20	n.a.	S 28
M29	1 38 53	23°59'37	12♓ 7	12°29	8° 0	10° 8	7°19	9°50	29°23	24°23	0°47	18°20	19°20	28°27	n.a.	M29
T 30	1 42 50	25° 0'46	24°42	13°52	9° 7	9°49	7°15	9°57	29°22	24°21	0°47	18°16	19°17	28°34	n.a.	T 30
W31	1 46 46	26♎ 1'57	7♈ 4	15♏13	10♍13	9♈30	7♊11	10♎ 4	29♊21	24♈19	0♒47	18♉12	19♉14	28♉40	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	1n47	15s23	4s58	0s 7	0s 4	17n15	1s 1	6n31	1s39	21n47	0s15	0s33	2n18	24n15	0n23	8n 1	2s 1	34s45	14s52	17n56	18n16	19n50			n.a.
T 2	1 23	10 3	4 35	0 52	0 11	17 7	0 54	6 26	1 37	21 48	0 14	0 36	2 18	24 15	0 23	8 1	2 1	34 45	14 52	17 54	18 16	19 52			n.a.
W 3	0 58	4 24	3 59	1 36	0 17	16 59	0 47	6 21	1 34	21 48	0 14	0 39	2 18	24 15	0 23	8 0	2 1	34 45	14 51	17 51	18 15	19 55			n.a.
T 4	0 34	1n20	3 12	2 20	0 24	16 50	0 40	6 16	1 32	21 48	0 14	0 42	2 18	24 15	0 23	8 0	2 1	34 45	14 51	17 49	18 14	19 57			n.a.
F 5	0 9	6 56	2 16	3 3	0 30	16 40	0 33	6 11	1 29	21 48	0 14	0 45	2 18	24 15	0 23	7 59	2 1	34 45	14 51	17 47	18 13	20 0			n.a.
S 6	0s15	12 12	1 15	3 47	0 37	16 30	0 26	6 5	1 27	21 49	0 14	0 48	2 18	24 15	0 23	7 58	2 1	34 44	14 50	17 46	18 12	20 2			n.a.
S 7	0 40	16 58	0 12	4 30	0 43	16 19	0 19	6 0	1 24	21 49	0 14	0 50	2 18	24 15	0 23	7 58	2 1	34 44	14 50	17 46	18 11	20 5			n.a.
M 8	1 4	21 2	0n52	5 13	0 49	16 8	0 12	5 54	1 22	21 49	0 14	0 53	2 18	24 15	0 23	7 57	2 1	34 44	14 50	17 46	18 10	20 7			n.a.
T 9	1 29	24 16	1 53	5 55	0 55	15 56	0 6	5 48	1 19	21 49	0 14	0 56	2 18	24 15	0 23	7 57	2 1	34 44	14 50	17 46	18 10	20 10			n.a.
W10	1 53	26 28	2 50	6 38	1 2	15 44	0n 0	5 42	1 17	21 49	0 14	0 59	2 18	24 15	0 23	7 56	2 1	34 44	14 49	17 47	18 9	20 12			n.a.
T 11	2 18	27 28	3 41	7 20	1 8	15 31	0 7	5 36	1 14	21 49	0 14	1 2	2 18	24 15	0 23	7 55	2 1	34 44	14 49	17 47	18 8	20 15			n.a.
F 12	2 42	27 10	4 22	8 1	1 13	15 17	0 13	5 29	1 11	21 49	0 13	1 4	2 18	24 15	0 23	7 55	2 1	34 43	14 49	17 47	18 7	20 17			n.a.
S 13	3 7	25 30	4 52	8 42	1 19	15 3	0 18	5 23	1 8	21 49	0 13	1 7	2 18	24 15	0 24	7 54	2 1	34 43	14 48	17 46	18 6	20 19			n.a.
S 14	3 31	22 29	5 8	9 23	1 25	14 49	0 24	5 17	1 6	21 49	0 13	1 10	2 18	24 15	0 24	7 54	2 1	34 43	14 48	17 45	18 5	20 22			n.a.
M15	3 56	18 13	5 9	10 3	1 30	14 33	0 30	5 10	1 3	21 49	0 13	1 13	2 18	24 15	0 24	7 53	2 1	34 43	14 48	17 44	18 4	20 24			n.a.
T 16	4 20	12 52	4 52	10 42	1 36	14 18	0 35	5 4	1 0	21 49	0 13	1 16	2 18	24 15	0 24	7 52	2 1	34 43	14 48	17 42	18 3	20 27			n.a.
W17	4 44	6 43	4 17	11 21	1 41	14 1	0 40	4 57	0 57	21 48	0 13	1 19	2 18	24 15	0 24	7 52	2 1	34 42	14 47	17 40	18 3	20 29			n.a.
T 18	5 8	0 3	3 24	11 59	1 46	13 45	0 46	4 50	0 54	21 48	0 13	1 21	2 18	24 15	0 24	7 51	2 1	34 42	14 47	17 39	18 2	20 31			n.a.
F 19	5 32	6s44	2 18	12 37	1 50	13 27	0 51	4 44	0 52	21 48	0 13	1 24	2 18	24 15	0 24	7 50	2 1	34 42	14 47	17 37	18 1	20 34			n.a.
S 20	5 57	13 13	1 1	13 14	1 55	13 10	0 55	4 38	0 49	21 48	0 13	1 27	2 18	24 15	0 24	7 50	2 1	34 42	14 46	17 37	18 0	20 36			n.a.
S 21	6 20	18 56	0s20	13 50	1 59	12 51	1 0	4 31	0 46	21 47	0 12	1 30	2 18	24 15	0 24	7 49	2 1	34 41	14 46	17 37	17 59	20 39			n.a.
M22	6 44	23 27	1 39	14 26	2 3	12 33	1 5	4 25	0 43	21 47	0 12	1 32	2 18	24 15	0 24	7 49	2 1	34 41	14 46	17 37	17 58	20 41			n.a.
T 23	7 8	26 24	2 51	15 0	2 6	12 13	1 9	4 19	0 40	21 47	0 12	1 35	2 18	24 15	0 24	7 48	2 1	34 41	14 45	17 37	17 57	20 43			n.a.
W24	7 32	27 35	3 50	15 34	2 10	11 54	1 14	4 12	0 37	21 46	0 12	1 38	2 18	24 15	0 24	7 47	2 1	34 41	14 45	17 38	17 57	20 46			n.a.
T 25	7 55	26 58	4 35	16 6	2 13	11 34	1 18	4 6	0 34	21 46	0 12	1 41	2 18	24 16	0 24	7 47	2 1	34 40	14 45	17 38	17 56	20 48			n.a.
F 26	8 19	24 44	5 3	16 38	2 15	11 13	1 22	4 1	0 31	21 45	0 12	1 43	2 18	24 16	0 24	7 46	2 1	34 40	14 44	17 38	17 55	20 51			n.a.
S 27	8 42	21 13	5 14	17 8	2 17	10 52	1 26	3 55	0 29	21 45	0 12	1 46	2 18	24 16	0 24	7 45	2 1	34 40	14 44	17 37	17 54	20 53			n.a.
S 28	9 5	16 43	5 8	17 37	2 19	10 31	1 29	3 49	0 26	21 44	0 12	1 49	2 18	24 16	0 24	7 45	2 1	34 39	14 44	17 36	17 53	20 55			n.a.
M29	9 28	11 33	4 48	18 5	2 20	10 9	1 33	3 44	0 23	21 44	0 12	1 52	2 18	24 16	0 24	7 44	2 1	34 39	14 43	17 35	17 52	20 58			n.a.
T 30	9 51	6 0	4 13	18 31	2 21	9 47	1 36	3 39	0 20	21 43	0 11	1 54	2 18	24 16	0 24	7 43	2 1	34 39	14 43	17 34	17 51	21 0			n.a.
W31	10s14	0s19	3s27	18s56	2s21	9n24	1n40	3n34	0s17	21n42	0s11	1s57	2n18	24n16	0n24	7n43	2s 1	34s38	14s43	17n33	17n50	21n 2			n.a.

Julian Day Number = 1208885.5, Delta T = 09h14m58s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'18, Lahiri = -23°19'18 Julian Calendar 1 Oct. 1404 BCE == Greg. Calendar 18 Sept. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

NOVEMBER 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 50 43	27♎ 3'07	19♈17	16♏33	11♍20	9°R12	7°R 6	10♎11	29°R20	24°R18	0♒47	18°R 9	19♉10	28♉47	n.a.	T 1
F 2	1 54 39	28° 4'19	1♉20	17°50	12°27	8♈55	7♊ 1	10°18	29♊20	24♈16	0°47	18♉ 7	19° 7	28°53	n.a.	F 2
S 3	1 58 36	29° 5'31	13°16	19° 5	13°35	8°38	6°56	10°25	29°19	24°14	0°48	18°D 6	19° 4	29° 0	n.a.	S 3
S 4	2 2 32	0♏ 6'44	25° 7	20°17	14°43	8°22	6°51	10°31	29°18	24°12	0°48	18° 6	19° 1	29° 7	n.a.	S 4
M 5	2 6 29	1° 7'58	6♊54	21°25	15°51	8° 7	6°46	10°38	29°17	24°11	0°48	18° 7	18°58	29°13	n.a.	M 5
T 6	2 10 25	2° 9'12	18°41	22°30	16°59	7°52	6°41	10°45	29°16	24° 9	0°48	18° 8	18°54	29°20	n.a.	T 6
W 7	2 14 22	3°10'28	0♋32	23°30	18° 7	7°39	6°35	10°51	29°15	24° 7	0°48	18°10	18°51	29°27	n.a.	W 7
T 8	2 18 19	4°11'44	12°30	24°25	19°15	7°26	6°29	10°58	29°14	24° 6	0°49	18°11	18°48	29°33	n.a.	T 8
F 9	2 22 15	5°13'00	24°40	25°15	20°24	7°13	6°24	11° 5	29°13	24° 4	0°49	18°12	18°45	29°40	n.a.	F 9
S 10	2 26 12	6°14'18	7♌ 7	25°57	21°33	7° 2	6°17	11°11	29°11	24° 2	0°49	18°R12	18°42	29°47	n.a.	S 10
S 11	2 30 8	7°15'35	19°55	26°32	22°42	6°51	6°11	11°18	29°10	24° 1	0°50	18°12	18°39	29°53	n.a.	S 11
M12	2 34 5	8°16'54	3♍ 7	26°59	23°51	6°41	6° 5	11°24	29° 9	23°59	0°50	18°11	18°35	29°59	n.a.	M12
T 13	2 38 1	9°18'13	16°46	27°16	25° 1	6°32	5°59	11°31	29° 7	23°57	0°50	18°10	18°32	0♊ 7	n.a.	T 13
W14	2 41 58	10°19'32	0♎53	27°R24	26°10	6°24	5°52	11°37	29° 6	23°56	0°51	18° 9	18°29	0°13	n.a.	W14
T 15	2 45 54	11°20'52	15°26	27°20	27°20	6°17	5°45	11°44	29° 5	23°54	0°51	18° 8	18°26	0°20	n.a.	T 15
F 16	2 49 51	12°22'12	0♏19	27° 5	28°30	6°10	5°38	11°50	29° 3	23°53	0°52	18° 7	18°23	0°27	n.a.	F 16
S 17	2 53 48	13°23'32	15°26	26°38	29°40	6° 4	5°31	11°56	29° 1	23°51	0°52	18°D 7	18°20	0°33	n.a.	S 17
S 18	2 57 44	14°24'53	0♐37	25°59	0♎50	5°59	5°24	12° 3	29° 0	23°49	0°53	18° 7	18°16	0°40	n.a.	S 18
M19	3 1 41	15°26'13	15°43	25° 9	2° 0	5°55	5°17	12° 9	28°58	23°48	0°53	18° 8	18°13	0°46	n.a.	M19
T 20	3 5 37	16°27'34	0♑34	24° 9	3°11	5°52	5°10	12°15	28°57	23°46	0°54	18° 8	18°10	0°53	n.a.	T 20
W21	3 9 34	17°28'54	15° 6	23° 0	4°21	5°49	5° 3	12°21	28°55	23°45	0°54	18° 8	18° 7	1° 0	n.a.	W21
T 22	3 13 30	18°30'13	29°13	21°45	5°32	5°48	4°55	12°27	28°53	23°43	0°55	18°R 8	18° 4	1° 6	n.a.	T 22
F 23	3 17 27	19°31'32	12♒55	20°25	6°43	5°47	4°48	12°33	28°51	23°42	0°56	18°D 8	18° 0	1°13	n.a.	F 23
S 24	3 21 24	20°32'51	26°13	19° 4	7°53	5°D47	4°40	12°39	28°49	23°40	0°56	18° 8	17°57	1°20	n.a.	S 24
S 25	3 25 20	21°34'09	9♓ 8	17°44	9° 4	5°48	4°32	12°45	28°47	23°39	0°57	18° 8	17°54	1°26	n.a.	S 25
M26	3 29 17	22°35'26	21°45	16°28	10°15	5°49	4°25	12°51	28°46	23°37	0°58	18° 8	17°51	1°33	n.a.	M26
T 27	3 33 13	23°36'43	4♈ 6	15°17	11°27	5°51	4°17	12°57	28°44	23°36	0°58	18° 9	17°48	1°40	n.a.	T 27
W28	3 37 10	24°38'00	16°15	14°14	12°38	5°54	4° 9	13° 3	28°42	23°34	0°59	18°10	17°45	1°46	n.a.	W28
T 29	3 41 6	25°39'15	28°15	13°19	13°49	5°58	4° 1	13° 9	28°40	23°33	1° 0	18°10	17°41	1°53	n.a.	T 29
F 30	3 45 3	26♏40'31	10♉ 8	12♏34	15♎ 1	6♈ 3	3♊53	13♎15	28♊37	23♈32	1♒ 1	18♉11	17♉38	2♊ 0	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	10s36	5n20	2s32	19s19	2s20	9n 1	1n43	3n29	0s15	21n42	0s11	2s 0	2n18	24n16	0n24	7n42	2s 1	34s38	14s43	17n32	17n49	21n 5		n.a.
F 2	10 58	10 43	1 31	19 40	2 19	8 38	1 46	3 25	0 12	21 41	0 11	2 2	2 18	24 16	0 24	7 42	2 1	34 38	14 42	17 32	17 49	21 7		n.a.
S 3	11 21	15 41	0 27	19 59	2 17	8 14	1 49	3 20	0 9	21 40	0 11	2 5	2 18	24 16	0 24	7 41	2 1	34 37	14 42	17 31	17 48	21 9		n.a.
S 4	11 43	20 0	0n39	20 17	2 14	7 50	1 52	3 16	0 7	21 40	0 11	2 8	2 18	24 16	0 24	7 40	2 1	34 37	14 42	17 31	17 47	21 12		n.a.
M 5	12 4	23 32	1 42	20 32	2 10	7 26	1 54	3 13	0 4	21 39	0 11	2 10	2 18	24 16	0 24	7 40	2 1	34 37	14 41	17 32	17 46	21 14		n.a.
T 6	12 26	26 3	2 42	20 45	2 6	7 1	1 57	3 9	0 2	21 38	0 11	2 13	2 18	24 16	0 24	7 39	2 1	34 36	14 41	17 32	17 45	21 16		n.a.
W 7	12 47	27 26	3 34	20 55	2 0	6 36	1 59	3 6	0n 1	21 37	0 10	2 15	2 18	24 16	0 24	7 39	2 1	34 36	14 41	17 32	17 44	21 19		n.a.
T 8	13 8	27 33	4 18	21 2	1 53	6 11	2 1	3 3	0 3	21 36	0 10	2 18	2 18	24 16	0 24	7 38	2 1	34 36	14 40	17 33	17 43	21 21		n.a.
F 9	13 29	26 20	4 51	21 7	1 46	5 45	2 4	3 0	0 6	21 35	0 10	2 21	2 18	24 16	0 24	7 37	2 1	34 35	14 40	17 33	17 42	21 23		n.a.
S 10	13 50	23 50	5 12	21 9	1 36	5 19	2 5	2 58	0 8	21 35	0 10	2 23	2 18	24 16	0 24	7 37	2 1	34 35	14 40	17 33	17 41	21 26		n.a.
S 11	14 11	20 6	5 17	21 7	1 26	4 53	2 7	2 56	0 11	21 34	0 10	2 26	2 18	24 16	0 24	7 36	2 1	34 34	14 39	17 33	17 41	21 28		n.a.
M12	14 31	15 17	5 7	21 2	1 14	4 27	2 9	2 54	0 13	21 33	0 10	2 28	2 18	24 16	0 24	7 36	2 1	34 34	14 39	17 33	17 40	21 30		n.a.
T 13	14 51	9 35	4 39	20 53	1 1	4 0	2 11	2 52	0 15	21 32	0 10	2 31	2 19	24 16	0 24	7 35	2 1	34 34	14 39	17 33	17 39	21 33		n.a.
W14	15 11	3 12	3 54	20 40	0 46	3 34	2 12	2 51	0 17	21 31	0 9	2 33	2 19	24 16	0 24	7 34	2 1	34 33	14 38	17 32	17 38	21 35		n.a.
T 15	15 30	3s33	2 52	20 24	0 30	3 7	2 13	2 50	0 19	21 30	0 9	2 36	2 19	24 16	0 25	7 34	2 1	34 33	14 38	17 32	17 37	21 37		n.a.
F 16	15 49	10 16	1 37	20 3	0 13	2 40	2 15	2 49	0 22	21 28	0 9	2 38	2 19	24 16	0 25	7 33	2 1	34 32	14 38	17 32	17 36	21 39		n.a.
S 17	16 8	16 31	0 15	19 39	0n 6	2 12	2 16	2 49	0 24	21 27	0 9	2 41	2 19	24 16	0 25	7 33	2 1	34 32	14 37	17 32	17 35	21 42		n.a.
S 18	16 27	21 46	1s 9	19 11	0 25	1 45	2 17	2 49	0 26	21 26	0 9	2 43	2 19	24 16	0 25	7 32	2 1	34 31	14 37	17 32	17 34	21 44		n.a.
M19	16 45	25 31	2 28	18 40	0 45	1 17	2 18	2 49	0 28	21 25	0 9	2 45	2 19	24 16	0 25	7 32	2 1	34 31	14 37	17 32	17 33	21 46		n.a.
T 20	17 3	27 27	3 35	18 5	1 5	0 49	2 18	2 49	0 30	21 24	0 9	2 48	2 19	24 16	0 25	7 31	2 1	34 31	14 36	17 32	17 33	21 48		n.a.
W21	17 21	27 24	4 27	17 28	1 25	0 21	2 19	2 50	0 31	21 23	0 8	2 50	2 19	24 16	0 25	7 30	2 1	34 30	14 36	17 32	17 32	21 51		n.a.
T 22	17 38	25 34	5 1	16 50	1 45	0s 7	2 19	2 51	0 33	21 21	0 8	2 52	2 19	24 16	0 25	7 30	2 1	34 30	14 36	17 32	17 31	21 53		n.a.
F 23	17 55	22 17	5 17	16 12	2 3	0 35	2 20	2 52	0 35	21 20	0 8	2 55	2 20	24 16	0 25	7 29	2 1	34 29	14 36	17 32	17 30	21 55		n.a.
S 24	18 12	17 55	5 15	15 34	2 19	1 3	2 20	2 54	0 37	21 19	0 8	2 57	2 20	24 16	0 25	7 29	2 1	34 29	14 35	17 32	17 29	21 57		n.a.
S 25	18 28	12 51	4 57	14 57	2 34	1 31	2 20	2 56	0 38	21 18	0 8	2 59	2 20	24 16	0 25	7 28	2 1	34 28	14 35	17 32	17 28	22 0		n.a.
M26	18 45	7 22	4 25	14 24	2 46	1 59	2 20	2 58	0 40	21 16	0 8	3 1	2 20	24 16	0 25	7 28	2 1	34 28	14 35	17 32	17 27	22 2		n.a.
T 27	19 0	1 43	3 41	13 54	2 57	2 28	2 20	3 0	0 42	21 15	0 8	3 4	2 20	24 16	0 25	7 27	2 1	34 27	14 34	17 32	17 26	22 4		n.a.
W28	19 16	3n55	2 48	13 28	3 4	2 56	2 20	3 3	0 43	21 14	0 7	3 6	2 20	24 16	0 25	7 27	2 1	34 27	14 34	17 32	17 25	22 6		n.a.
T 29	19 31	9 21	1 49	13 6	3 10	3 24	2 20	3 6	0 45	21 12	0 7	3 8	2 20	24 16	0 25	7 26	2 1	34 27	14 34	17 33	17 24	22 8		n.a.
F 30	19s45	14n25	0s45	12s49	3n13	3s53	2n19	3n 9	0n46	21n11	0s 7	3s10	2n20	24n16	0n25	7n26	2s 1	34s26	14s34	17n33	17n24	22n11		n.a.

Julian Day Number = 1208916.5, Delta T = 09h14m57s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'14, Lahiri = -23°19'14 Julian Calendar 1 Nov. 1404 BCE == Greg. Calendar 19 Oct. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1404 BCE
geocentric

DECEMBER 1404 BCE (-1403) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 48 59	27♏41'45	21♉58	11°R59	16♎12	6♈ 8	3°R45	13♎20	28°R35	23°R30	1♒ 2	18°R11	17♉35	2♊ 6	n.a.	S 1
S 2	3 52 56	28°43'00	3♊46	11♏34	17°24	6°14	3♊37	13°26	28♊33	23♈29	1° 2	18♉10	17°32	2°13	n.a.	S 2
M 3	3 56 53	29°44'13	15°35	11°19	18°35	6°20	3°29	13°31	28°31	23°28	1° 3	18° 9	17°29	2°20	n.a.	M 3
T 4	4 0 49	0♐45'27	27°26	11°D13	19°47	6°27	3°21	13°37	28°29	23°26	1° 4	18° 8	17°26	2°26	n.a.	T 4
W 5	4 4 46	1°46'39	9♋22	11°15	20°59	6°35	3°13	13°42	28°27	23°25	1° 5	18° 6	17°22	2°33	n.a.	W 5
T 6	4 8 42	2°47'52	21°25	11°26	22°11	6°44	3° 5	13°48	28°24	23°24	1° 6	18° 3	17°19	2°40	n.a.	T 6
F 7	4 12 39	3°49'03	3♌38	11°44	23°23	6°53	2°57	13°53	28°22	23°23	1° 7	18° 1	17°16	2°46	n.a.	F 7
S 8	4 16 35	4°50'15	16° 5	12° 9	24°35	7° 2	2°49	13°58	28°20	23°21	1° 8	17°59	17°13	2°53	n.a.	S 8
S 9	4 20 32	5°51'25	28°49	12°40	25°47	7°13	2°41	14° 4	28°17	23°20	1° 9	17°58	17°10	2°59	n.a.	S 9
M10	4 24 29	6°52'35	11♍53	13°16	27° 0	7°24	2°33	14° 9	28°15	23°19	1°10	17°D58	17° 6	3° 6	n.a.	M10
T 11	4 28 25	7°53'45	25°21	13°58	28°12	7°35	2°25	14°14	28°13	23°18	1°11	17°59	17° 3	3°13	n.a.	T 11
W12	4 32 22	8°54'54	9♎14	14°44	29°24	7°47	2°17	14°19	28°10	23°17	1°12	18° 0	17° 0	3°19	n.a.	W12
T 13	4 36 18	9°56'02	23°33	15°34	0♏37	8° 0	2° 9	14°24	28° 8	23°16	1°13	18° 2	16°57	3°26	n.a.	T 13
F 14	4 40 15	10°57'09	8♏15	16°28	1°49	8°13	2° 1	14°29	28° 5	23°15	1°14	18° 3	16°54	3°33	n.a.	F 14
S 15	4 44 11	11°58'16	23°17	17°25	3° 1	8°27	1°53	14°33	28° 3	23°14	1°15	18°R 3	16°51	3°39	n.a.	S 15
S 16	4 48 8	12°59'22	8♐29	18°26	4°14	8°41	1°45	14°38	28° 0	23°13	1°16	18° 2	16°47	3°46	n.a.	S 16
M17	4 52 5	14° 0'27	23°43	19°29	5°27	8°56	1°37	14°43	27°58	23°12	1°17	18° 0	16°44	3°53	n.a.	M17
T 18	4 56 1	15° 1'31	8♑48	20°34	6°39	9°11	1°30	14°47	27°55	23°11	1°19	17°56	16°41	3°59	n.a.	T 18
W19	4 59 58	16° 2'33	23°36	21°42	7°52	9°26	1°22	14°52	27°53	23°10	1°20	17°52	16°38	4° 6	n.a.	W19
T 20	5 3 54	17° 3'34	7♒59	22°52	9° 5	9°43	1°14	14°56	27°50	23° 9	1°21	17°48	16°35	4°13	n.a.	T 20
F 21	5 7 51	18° 4'33	21°54	24° 4	10°17	9°59	1° 7	15° 1	27°48	23° 8	1°22	17°44	16°32	4°19	n.a.	F 21
S 22	5 11 47	19° 5'31	5♓20	25°17	11°30	10°16	1° 0	15° 5	27°45	23° 7	1°23	17°42	16°28	4°26	n.a.	S 22
S 23	5 15 44	20° 6'27	18°19	26°32	12°43	10°34	0°52	15° 9	27°42	23° 7	1°25	17°D41	16°25	4°33	n.a.	S 23
M24	5 19 40	21° 7'22	0♈55	27°49	13°56	10°52	0°45	15°13	27°40	23° 6	1°26	17°41	16°22	4°39	n.a.	M24
T 25	5 23 37	22° 8'15	13°11	29° 7	15° 9	11°10	0°38	15°17	27°37	23° 5	1°27	17°43	16°19	4°46	n.a.	T 25
W26	5 27 34	23° 9'06	25°14	0♐26	16°21	11°29	0°31	15°21	27°35	23° 5	1°28	17°45	16°16	4°53	n.a.	W26
T 27	5 31 30	24° 9'56	7♉ 7	1°47	17°34	11°49	0°24	15°25	27°32	23° 4	1°30	17°46	16°12	4°59	n.a.	T 27
F 28	5 35 27	25°10'44	18°55	3° 9	18°47	12° 8	0°17	15°29	27°29	23° 3	1°31	17°R47	16° 9	5° 6	n.a.	F 28
S 29	5 39 23	26°11'31	0♊42	4°32	20° 0	12°28	0°11	15°33	27°27	23° 3	1°32	17°46	16° 6	5°13	n.a.	S 29
S 30	5 43 20	27°12'15	12°30	5°56	21°13	12°48	0° 4	15°36	27°24	23° 2	1°34	17°43	16° 3	5°19	n.a.	S 30
M31	5 47 16	28♐12'59	24♊23	7♐21	22♏26	13♈ 9	29♉58	15♎40	27♊21	23♈ 2	1♒35	17♉38	16♉ 0	5♊26	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s 0	18n55	0n21	12s37	3n14	4s21	2n19	3n12	0n48	21n10	0s 7	3s12	2n20	24n16	0n25	7n25	2s 0	34s26	14s33	17n33	17n23	22n13		n.a.
S 2	20 14	22 40	1 25	12 30	3 14	4 49	2 18	3 16	0 49	21 8	0 7	3 14	2 21	24 16	0 25	7 25	2 0	34 25	14 33	17 33	17 22	22 15		n.a.
M 3	20 27	25 29	2 26	12 27	3 12	5 18	2 18	3 20	0 51	21 7	0 7	3 16	2 21	24 16	0 25	7 24	2 0	34 25	14 33	17 32	17 21	22 17		n.a.
T 4	20 40	27 11	3 21	12 28	3 9	5 46	2 17	3 24	0 52	21 5	0 6	3 18	2 21	24 16	0 25	7 24	2 0	34 24	14 32	17 32	17 20	22 19		n.a.
W 5	20 53	27 38	4 7	12 33	3 4	6 14	2 16	3 28	0 53	21 4	0 6	3 20	2 21	24 16	0 25	7 24	2 0	34 24	14 32	17 31	17 19	22 22		n.a.
T 6	21 5	26 47	4 43	12 42	2 59	6 42	2 15	3 33	0 54	21 3	0 6	3 22	2 21	24 16	0 25	7 23	2 0	34 23	14 32	17 31	17 18	22 24		n.a.
F 7	21 17	24 38	5 6	12 53	2 53	7 10	2 14	3 38	0 56	21 1	0 6	3 24	2 21	24 16	0 25	7 23	2 0	34 23	14 32	17 30	17 17	22 26		n.a.
S 8	21 29	21 18	5 16	13 8	2 46	7 38	2 13	3 43	0 57	21 0	0 6	3 26	2 21	24 16	0 25	7 22	2 0	34 22	14 31	17 30	17 16	22 28		n.a.
S 9	21 40	16 55	5 11	13 24	2 38	8 6	2 11	3 48	0 58	20 58	0 6	3 28	2 22	24 16	0 25	7 22	2 0	34 22	14 31	17 29	17 15	22 30		n.a.
M10	21 50	11 40	4 49	13 43	2 30	8 34	2 10	3 53	0 59	20 57	0 6	3 30	2 22	24 16	0 25	7 22	2 0	34 21	14 31	17 29	17 14	22 32		n.a.
T 11	22 1	5 43	4 12	14 3	2 22	9 1	2 9	3 59	1 0	20 55	0 5	3 32	2 22	24 16	0 25	7 21	2 0	34 21	14 31	17 29	17 13	22 35		n.a.
W12	22 11	0s42	3 18	14 25	2 14	9 29	2 7	4 5	1 1	20 54	0 5	3 34	2 22	24 16	0 25	7 21	2 0	34 20	14 30	17 30	17 13	22 37		n.a.
T 13	22 20	7 16	2 11	14 48	2 5	9 56	2 6	4 11	1 2	20 52	0 5	3 35	2 22	24 16	0 25	7 21	2 0	34 20	14 30	17 30	17 12	22 39		n.a.
F 14	22 29	13 39	0 54	15 12	1 56	10 23	2 4	4 17	1 3	20 51	0 5	3 37	2 22	24 16	0 25	7 20	2 0	34 19	14 30	17 31	17 11	22 41		n.a.
S 15	22 37	19 23	0s29	15 37	1 47	10 49	2 2	4 23	1 4	20 50	0 5	3 39	2 23	24 16	0 25	7 20	2 0	34 19	14 30	17 31	17 10	22 43		n.a.
S 16	22 45	23 55	1 50	16 3	1 38	11 16	2 0	4 30	1 5	20 48	0 5	3 41	2 23	24 16	0 25	7 20	2 0	34 18	14 29	17 30	17 9	22 45		n.a.
M17	22 53	26 46	3 4	16 29	1 29	11 42	1 59	4 37	1 6	20 47	0 4	3 42	2 23	24 16	0 25	7 19	2 0	34 18	14 29	17 30	17 8	22 47		n.a.
T 18	23 0	27 37	4 4	16 55	1 20	12 8	1 57	4 43	1 7	20 45	0 4	3 44	2 23	24 16	0 25	7 19	2 0	34 17	14 29	17 29	17 7	22 49		n.a.
W19	23 7	26 27	4 46	17 22	1 11	12 34	1 55	4 51	1 8	20 44	0 4	3 46	2 23	24 16	0 25	7 19	2 0	34 17	14 29	17 27	17 6	22 52		n.a.
T 20	23 13	23 33	5 9	17 49	1 2	13 0	1 53	4 58	1 9	20 42	0 4	3 47	2 23	24 16	0 25	7 18	1 59	34 16	14 29	17 26	17 5	22 54		n.a.
F 21	23 19	19 22	5 13	18 16	0 53	13 25	1 50	5 5	1 10	20 41	0 4	3 49	2 24	24 16	0 25	7 18	1 59	34 16	14 28	17 25	17 4	22 56		n.a.
S 22	23 24	14 20	4 59	18 42	0 45	13 50	1 48	5 13	1 10	20 40	0 4	3 50	2 24	24 16	0 25	7 18	1 59	34 15	14 28	17 25	17 3	22 58		n.a.
S 23	23 29	8 50	4 30	19 9	0 36	14 15	1 46	5 21	1 11	20 38	0 3	3 52	2 24	24 16	0 25	7 18	1 59	34 15	14 28	17 24	17 2	23 0		n.a.
M24	23 33	3 7	3 49	19 35	0 27	14 39	1 44	5 28	1 12	20 37	0 3	3 53	2 24	24 16	0 25	7 17	1 59	34 14	14 28	17 24	17 1	23 2		n.a.
T 25	23 37	2n34	2 58	20 0	0 19	15 3	1 41	5 36	1 13	20 36	0 3	3 55	2 24	24 16	0 25	7 17	1 59	34 14	14 28	17 25	17 1	23 4		n.a.
W26	23 41	8 4	2 0	20 26	0 11	15 27	1 39	5 45	1 13	20 34	0 3	3 56	2 25	24 16	0 25	7 17	1 59	34 13	14 27	17 25	17 0	23 6		n.a.
T 27	23 44	13 13	0 58	20 50	0 3	15 50	1 37	5 53	1 14	20 33	0 3	3 57	2 25	24 16	0 25	7 17	1 59	34 13	14 27	17 26	16 59	23 8		n.a.
F 28	23 46	17 51	0n 6	21 15	0s 5	16 13	1 34	6 1	1 15	20 32	0 3	3 59	2 25	24 16	0 25	7 17	1 59	34 12	14 27	17 26	16 58	23 10		n.a.
S 29	23 48	21 48	1 10	21 38	0 13	16 35	1 31	6 10	1 15	20 30	0 2	4 0	2 25	24 16	0 25	7 17	1 59	34 12	14 27	17 26	16 57	23 12		n.a.
S 30	23 50	24 51	2 11	22 1	0 21	16 57	1 29	6 18	1 16	20 29	0 2	4 1	2 25	24 16	0 25	7 16	1 59	34 11	14 27	17 25	16 56	23 14		n.a.
M31	23s51	26n50	3n 6	22s23	0s28	17s19	1n26	6n27	1n17	20n28	0s 2	4s 2	2n26	24n15	0n25	7n16	1s59	34s11	14s27	17n23	16n55	23n16		n.a.

Julian Day Number = 1208946.5, Delta T = 09h14m55s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'10, Lahiri = -23°19'09 Julian Calendar 1 Dec. 1404 BCE == Greg. Calendar 18 Nov. 1404 BCE

The year -1403 astronomical counting style corresponds to year 1404 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

JANUARY 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 51 13	29♐13'40	6♋21	8♐47	23♏39	13♈30	29°R52	15♎43	27°R19	23°R 1	1♒36	17°R31	15♉57	5♊33	n.a.	T 1
W 2	5 55 9	0♑14'21	18°27	10°14	24°52	13°52	29♉46	15°47	27♊16	23♈ 1	1°38	17♉23	15°53	5°39	n.a.	W 2
T 3	5 59 6	1°14'59	0♌41	11°42	26° 5	14°13	29°40	15°50	27°14	23° 0	1°39	17°15	15°50	5°46	n.a.	T 3
F 4	6 3 3	2°15'36	13° 6	13°11	27°19	14°35	29°34	15°53	27°11	23° 0	1°40	17° 6	15°47	5°53	n.a.	F 4
S 5	6 6 59	3°16'12	25°42	14°41	28°32	14°58	29°28	15°56	27° 8	22°59	1°42	16°59	15°44	5°59	n.a.	S 5
S 6	6 10 56	4°16'46	8♍31	16°12	29°45	15°21	29°23	15°59	27° 6	22°59	1°43	16°54	15°41	6° 6	n.a.	S 6
M 7	6 14 52	5°17'18	21°35	17°44	0♐58	15°44	29°17	16° 2	27° 3	22°59	1°45	16°51	15°38	6°12	n.a.	M 7
T 8	6 18 49	6°17'49	4♎57	19°16	2°11	16° 7	29°12	16° 5	27° 1	22°59	1°46	16°D50	15°34	6°19	n.a.	T 8
W 9	6 22 45	7°18'19	18°39	20°50	3°25	16°30	29° 7	16° 8	26°58	22°58	1°48	16°50	15°31	6°26	n.a.	W 9
T 10	6 26 42	8°18'47	2♏41	22°25	4°38	16°54	29° 2	16°11	26°55	22°58	1°49	16°52	15°28	6°32	n.a.	T 10
F 11	6 30 38	9°19'14	17° 5	24° 0	5°51	17°18	28°58	16°13	26°53	22°58	1°51	16°R52	15°25	6°39	n.a.	F 11
S 12	6 34 35	10°19'39	1♐46	25°37	7° 4	17°43	28°53	16°16	26°50	22°58	1°52	16°51	15°22	6°46	n.a.	S 12
S 13	6 38 32	11°20'02	16°42	27°14	8°18	18° 8	28°49	16°18	26°48	22°58	1°54	16°48	15°18	6°52	n.a.	S 13
M14	6 42 28	12°20'24	1♑45	28°52	9°31	18°32	28°45	16°20	26°45	22°58	1°55	16°42	15°15	6°59	n.a.	M14
T 15	6 46 25	13°20'44	16°45	0♑32	10°44	18°58	28°41	16°23	26°43	22°D58	1°57	16°34	15°12	7° 6	n.a.	T 15
W16	6 50 21	14°21'02	1♒33	2°12	11°57	19°23	28°37	16°25	26°40	22°58	1°58	16°25	15° 9	7°12	n.a.	W16
T 17	6 54 18	15°21'18	16° 1	3°53	13°11	19°49	28°33	16°27	26°38	22°58	2° 0	16°16	15° 6	7°19	n.a.	T 17
F 18	6 58 14	16°21'32	0♓ 3	5°35	14°24	20°15	28°30	16°29	26°35	22°58	2° 1	16° 7	15° 3	7°26	n.a.	F 18
S 19	7 2 11	17°21'43	13°37	7°19	15°37	20°41	28°27	16°30	26°33	22°58	2° 3	16° 0	14°59	7°32	n.a.	S 19
S 20	7 6 8	18°21'52	26°42	9° 3	16°51	21° 7	28°23	16°32	26°31	22°58	2° 4	15°55	14°56	7°39	n.a.	S 20
M21	7 10 4	19°21'59	9♈23	10°48	18° 4	21°34	28°21	16°34	26°28	22°58	2° 6	15°53	14°53	7°46	n.a.	M21
T 22	7 14 1	20°22'03	21°42	12°35	19°17	22° 1	28°18	16°35	26°26	22°59	2° 7	15°D52	14°50	7°52	n.a.	T 22
W23	7 17 57	21°22'06	3♉44	14°22	20°31	22°28	28°15	16°37	26°24	22°59	2° 9	15°53	14°47	7°59	n.a.	W23
T 24	7 21 54	22°22'06	15°37	16°11	21°44	22°55	28°13	16°38	26°21	22°59	2°10	15°R53	14°44	8° 6	n.a.	T 24
F 25	7 25 50	23°22'03	27°24	18° 0	22°57	23°22	28°11	16°39	26°19	22°59	2°12	15°53	14°40	8°12	n.a.	F 25
S 26	7 29 47	24°21'59	9♊11	19°51	24°11	23°50	28° 9	16°40	26°17	23° 0	2°14	15°50	14°37	8°19	n.a.	S 26
S 27	7 33 43	25°21'52	21° 2	21°43	25°24	24°18	28° 7	16°42	26°15	23° 0	2°15	15°45	14°34	8°26	n.a.	S 27
M28	7 37 40	26°21'43	3♋ 0	23°36	26°37	24°46	28° 6	16°42	26°12	23° 1	2°17	15°37	14°31	8°32	n.a.	M28
T 29	7 41 36	27°21'31	15° 7	25°30	27°51	25°14	28° 5	16°43	26°10	23° 1	2°18	15°26	14°28	8°39	n.a.	T 29
W30	7 45 33	28°21'18	27°26	27°25	29° 4	25°42	28° 3	16°44	26° 8	23° 2	2°20	15°14	14°24	8°46	n.a.	W30
T 31	7 49 30	29♑21'02	9♌56	29♑21	0♑18	26♈11	28♉ 2	16♎45	26♊ 6	23♈ 2	2♒21	15♉ 0	14♉21	8♊52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	23 s52	27n35	3n53	22 s44	0 s35	17 s40	1n24	6n36	1n17	20n27	0 s 2	4 s 3	2n26	24n15	0n25	7n16	1 s59	34 s10	14 s26	17n21	16n54	23n18			n.a.	T 1
W 2	23 52	27 1	4 30	23 4	0 42	18 1	1 21	6 45	1 18	20 26	0 2	4 5	2 26	24 15	0 25	7 16	1 59	34 10	14 26	17 19	16 53	23 21			n.a.	W 2
T 3	23 51	25 10	4 56	23 23	0 49	18 21	1 18	6 54	1 18	20 24	0 2	4 6	2 26	24 15	0 25	7 16	1 59	34 9	14 26	17 17	16 52	23 23			n.a.	T 3
F 4	23 50	22 5	5 7	23 42	0 55	18 41	1 15	7 3	1 19	20 23	0 2	4 7	2 26	24 15	0 25	7 16	1 58	34 9	14 26	17 14	16 51	23 25			n.a.	F 4
S 5	23 49	17 56	5 5	23 59	1 1	19 0	1 13	7 13	1 19	20 22	0 1	4 8	2 27	24 15	0 25	7 16	1 58	34 8	14 26	17 12	16 50	23 27			n.a.	S 5
S 6	23 47	12 56	4 47	24 15	1 7	19 19	1 10	7 22	1 20	20 21	0 1	4 9	2 27	24 15	0 25	7 16	1 58	34 8	14 26	17 11	16 49	23 29			n.a.	S 6
M 7	23 45	7 16	4 14	24 30	1 13	19 37	1 7	7 32	1 20	20 20	0 1	4 10	2 27	24 15	0 25	7 16	1 58	34 7	14 26	17 10	16 48	23 31			n.a.	M 7
T 8	23 43	1 9	3 26	24 44	1 19	19 55	1 4	7 41	1 21	20 19	0 1	4 11	2 27	24 15	0 25	7 16	1 58	34 7	14 25	17 10	16 47	23 33			n.a.	T 8
W 9	23 39	5 s11	2 26	24 56	1 24	20 13	1 1	7 51	1 21	20 18	0 1	4 11	2 27	24 15	0 25	7 16	1 58	34 7	14 25	17 10	16 47	23 35			n.a.	W 9
T 10	23 36	11 26	1 16	25 7	1 29	20 29	0 58	8 1	1 22	20 17	0 1	4 12	2 28	24 15	0 25	7 16	1 58	34 6	14 25	17 10	16 46	23 37			n.a.	T 10
F 11	23 32	17 15	0 s 1	25 17	1 33	20 45	0 55	8 10	1 22	20 16	0 0	4 13	2 28	24 15	0 25	7 16	1 58	34 6	14 25	17 10	16 45	23 39			n.a.	F 11
S 12	23 27	22 10	1 19	25 25	1 38	21 1	0 52	8 20	1 23	20 15	0 0	4 14	2 28	24 15	0 25	7 16	1 58	34 5	14 25	17 10	16 44	23 40			n.a.	S 12
S 13	23 22	25 43	2 33	25 32	1 42	21 16	0 49	8 30	1 23	20 15	0 0	4 15	2 28	24 15	0 25	7 16	1 58	34 5	14 25	17 9	16 43	23 42			n.a.	S 13
M14	23 17	27 28	3 37	25 37	1 45	21 30	0 46	8 40	1 23	20 14	0 0	4 15	2 29	24 15	0 25	7 16	1 58	34 4	14 25	17 7	16 42	23 44			n.a.	M14
T 15	23 11	27 10	4 25	25 40	1 49	21 44	0 43	8 50	1 24	20 13	0n 0	4 16	2 29	24 15	0 25	7 16	1 58	34 4	14 25	17 5	16 41	23 46			n.a.	T 15
W16	23 4	24 57	4 55	25 42	1 52	21 57	0 40	9 1	1 24	20 12	0 0	4 17	2 29	24 15	0 25	7 16	1 58	34 3	14 25	17 2	16 40	23 48			n.a.	W16
T 17	22 58	21 9	5 5	25 42	1 54	22 10	0 37	9 11	1 24	20 12	0 0	4 17	2 29	24 15	0 25	7 16	1 58	34 3	14 25	17 0	16 39	23 50			n.a.	T 17
F 18	22 50	16 15	4 56	25 41	1 56	22 22	0 34	9 21	1 25	20 11	0 1	4 18	2 29	24 14	0 25	7 16	1 57	34 2	14 24	16 57	16 38	23 52			n.a.	F 18
S 19	22 43	10 42	4 31	25 37	1 58	22 33	0 31	9 31	1 25	20 11	0 1	4 18	2 30	24 14	0 25	7 16	1 57	34 2	14 24	16 55	16 37	23 54			n.a.	S 19
S 20	22 35	4 52	3 52	25 32	2 0	22 44	0 28	9 42	1 25	20 10	0 1	4 19	2 30	24 14	0 25	7 16	1 57	34 1	14 24	16 54	16 36	23 56			n.a.	S 20
M21	22 26	1n 0	3 2	25 25	2 1	22 54	0 25	9 52	1 26	20 9	0 1	4 19	2 30	24 14	0 25	7 16	1 57	34 1	14 24	16 53	16 35	23 58			n.a.	M21
T 22	22 17	6 40	2 6	25 16	2 1	23 3	0 22	10 3	1 26	20 9	0 1	4 19	2 30	24 14	0 25	7 17	1 57	34 1	14 24	16 53	16 34	24 0			n.a.	T 22
W23	22 8	11 59	1 4	25 5	2 1	23 12	0 19	10 13	1 26	20 9	0 1	4 20	2 31	24 14	0 25	7 17	1 57	34 0	14 24	16 53	16 33	24 2			n.a.	W23
T 24	21 58	16 47	0 1	24 52	2 1	23 20	0 16	10 24	1 27	20 8	0 1	4 20	2 31	24 14	0 25	7 17	1 57	34 0	14 24	16 53	16 32	24 4			n.a.	T 24
F 25	21 48	20 55	1n 1	24 36	2 0	23 27	0 13	10 34	1 27	20 8	0 2	4 20	2 31	24 14	0 25	7 17	1 57	33 59	14 24	16 53	16 31	24 6			n.a.	F 25
S 26	21 37	24 12	2 1	24 19	1 59	23 33	0 10	10 45	1 27	20 8	0 2	4 21	2 31	24 14	0 25	7 17	1 57	33 59	14 24	16 52	16 30	24 8			n.a.	S 26
S 27	21 26	26 28	2 55	24 0	1 57	23 39	0 7	10 56	1 27	20 7	0 2	4 21	2 32	24 14	0 25	7 17	1 57	33 58	14 24	16 51	16 29	24 9			n.a.	S 27
M28	21 15	27 32	3 43	23 38	1 54	23 44	0 5	11 6	1 28	20 7	0 2	4 21	2 32	24 14	0 25	7 18	1 57	33 58	14 24	16 48	16 29	24 11			n.a.	M28
T 29	21 3	27 18	4 21	23 14	1 52	23 49	0 2	11 17	1 28	20 7	0 2	4 21	2 32	24 14	0 25	7 18	1 57	33 58	14 24	16 45	16 28	24 13			n.a.	T 29
W30	20 51	25 43	4 47	22 49	1 48	23 53	0 s 1	11 28	1 28	20 7	0 2	4 21	2 32	24 14	0 25	7 18	1 57	33 57	14 24	16 41	16 27	24 15			n.a.	W30
T 31	20 s39	22n52	5n 0	22 s20	1 s44	23 s56	0 s 4	11n39	1n28	20n 7	0n 2	4 s21	2n32	24n14	0n25	7n18	1 s57	33 s57	14 s24	16n37	16n26	24n17			n.a.	T 31

Julian Day Number = 1208977.5, Delta T = 09h14m53s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'06, Lahiri = -23°19'05 Julian Calendar 1 Jan. 1403 BCE == Greg. Calendar 19 Dec. 1404 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

FEBRUARY 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 53 26	0♒20'44	22♌38	1♒17	1♉31	26♈39	28°R 2	16♎45	26°R 4	23♈ 3	2♒23	14°R48	14♉18	8♊59	n.a.	F 1
S 2	7 57 23	1°20'24	5♍31	3°15	2°44	27° 8	28♉ 1	16°46	26♊ 2	23° 3	2°25	14♉36	14°15	9° 6	n.a.	S 2
S 3	8 1 19	2°20'02	18°36	5°13	3°58	27°37	28° 1	16°46	26° 0	23° 4	2°26	14°27	14°12	9°12	n.a.	S 3
M 4	8 5 16	3°19'38	1♎52	7°12	5°11	28° 6	28°D 1	16°46	25°58	23° 5	2°28	14°21	14° 9	9°19	n.a.	M 4
T 5	8 9 12	4°19'12	15°21	9°12	6°25	28°36	28° 1	16°46	25°56	23° 5	2°29	14°18	14° 5	9°26	n.a.	T 5
W 6	8 13 9	5°18'44	29° 2	11°11	7°38	29° 5	28° 1	16°R47	25°54	23° 6	2°31	14°17	14° 2	9°32	n.a.	W 6
T 7	8 17 5	6°18'15	12♏56	13°11	8°51	29°35	28° 1	16°46	25°53	23° 7	2°32	14°17	13°59	9°39	n.a.	T 7
F 8	8 21 2	7°17'43	27° 4	15°11	10° 5	0♉ 4	28° 2	16°46	25°51	23° 8	2°34	14°17	13°56	9°46	n.a.	F 8
S 9	8 24 59	8°17'10	11♐26	17°10	11°18	0°34	28° 3	16°46	25°49	23° 8	2°36	14°15	13°53	9°52	n.a.	S 9
S 10	8 28 55	9°16'35	25°58	19° 9	12°32	1° 4	28° 4	16°46	25°47	23° 9	2°37	14°10	13°50	9°59	n.a.	S 10
M11	8 32 52	10°15'58	10♑37	21° 7	13°45	1°34	28° 5	16°45	25°46	23°10	2°39	14° 3	13°46	10° 6	n.a.	M11
T 12	8 36 48	11°15'18	25°16	23° 3	14°58	2° 5	28° 6	16°45	25°44	23°11	2°40	13°53	13°43	10°12	n.a.	T 12
W13	8 40 45	12°14'37	9♒47	24°57	16°12	2°35	28° 8	16°44	25°43	23°12	2°42	13°41	13°40	10°19	n.a.	W13
T 14	8 44 41	13°13'54	24° 3	26°50	17°25	3° 5	28°10	16°43	25°41	23°13	2°43	13°29	13°37	10°26	n.a.	T 14
F 15	8 48 38	14°13'08	7♓59	28°39	18°39	3°36	28°11	16°43	25°40	23°14	2°45	13°18	13°34	10°32	n.a.	F 15
S 16	8 52 34	15°12'19	21°31	0♓26	19°52	4° 7	28°14	16°42	25°38	23°15	2°47	13° 8	13°30	10°39	n.a.	S 16
S 17	8 56 31	16°11'29	4♈37	2° 9	21° 6	4°38	28°16	16°41	25°37	23°16	2°48	13° 1	13°27	10°46	n.a.	S 17
M18	9 0 27	17°10'35	17°20	3°49	22°19	5° 9	28°18	16°39	25°35	23°17	2°50	12°57	13°24	10°52	n.a.	M18
T 19	9 4 24	18° 9'40	29°41	5°24	23°32	5°40	28°21	16°38	25°34	23°18	2°51	12°55	13°21	10°59	n.a.	T 19
W20	9 8 21	19° 8'42	11♉47	6°54	24°46	6°11	28°24	16°37	25°33	23°19	2°53	12°55	13°18	11° 5	n.a.	W20
T 21	9 12 17	20° 7'42	23°41	8°20	25°59	6°43	28°27	16°36	25°32	23°21	2°54	12°54	13°15	11°12	n.a.	T 21
F 22	9 16 14	21° 6'39	5♊30	9°40	27°13	7°14	28°30	16°34	25°30	23°22	2°56	12°54	13°11	11°19	n.a.	F 22
S 23	9 20 10	22° 5'34	17°19	10°55	28°26	7°46	28°34	16°32	25°29	23°23	2°57	12°51	13° 8	11°25	n.a.	S 23
S 24	9 24 7	23° 4'26	29°12	12° 5	29°39	8°17	28°37	16°31	25°28	23°24	2°59	12°47	13° 5	11°32	n.a.	S 24
M25	9 28 3	24° 3'16	11♋15	13° 8	0♒53	8°49	28°41	16°29	25°27	23°26	3° 0	12°39	13° 2	11°39	n.a.	M25
T 26	9 32 0	25° 2'04	23°31	14° 5	2° 6	9°21	28°45	16°27	25°26	23°27	3° 2	12°29	12°59	11°45	n.a.	T 26
W27	9 35 56	26° 0'49	6♌ 1	14°55	3°20	9°53	28°49	16°25	25°25	23°28	3° 3	12°18	12°56	11°52	n.a.	W27
T 28	9 39 53	26♒59'32	18♌47	15♓40	4♒33	10♉25	28♉53	16♎23	25♊25	23♈30	3♒ 5	12♉ 5	12♉52	11♊59	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s26	18n54	4n58	21s50	1s39	23s58	0s 7	11n50	1n28	20n 7	0n 3	4s21	2n33	24n14	0n25	7n19	1s56	33s56	14s24	16n34	16n25	24n19		n.a.
S 2	20 13	14 0	4 41	21 18	1 34	24 0	0 10	12 0	1 29	20 7	0 3	4 21	2 33	24 14	0 25	7 19	1 56	33 56	14 24	16 30	16 24	24 21		n.a.
S 3	19 59	8 24	4 10	20 43	1 28	24 1	0 12	12 11	1 29	20 7	0 3	4 21	2 33	24 13	0 25	7 19	1 56	33 56	14 24	16 27	16 23	24 22		n.a.
M 4	19 45	2 21	3 24	20 7	1 22	24 1	0 15	12 22	1 29	20 7	0 3	4 21	2 33	24 13	0 25	7 20	1 56	33 55	14 24	16 26	16 22	24 24		n.a.
T 5	19 31	3s54	2 27	19 28	1 14	24 0	0 18	12 33	1 29	20 7	0 3	4 21	2 34	24 13	0 25	7 20	1 56	33 55	14 24	16 25	16 21	24 26		n.a.
W 6	19 16	10 5	1 20	18 47	1 7	23 59	0 21	12 44	1 29	20 7	0 3	4 21	2 34	24 13	0 25	7 20	1 56	33 55	14 24	16 24	16 20	24 28		n.a.
T 7	19 2	15 53	0 7	18 5	0 58	23 57	0 23	12 54	1 29	20 7	0 3	4 20	2 34	24 13	0 25	7 21	1 56	33 54	14 24	16 24	16 19	24 30		n.a.
F 8	18 46	20 56	1s 7	17 21	0 49	23 54	0 26	13 5	1 30	20 8	0 3	4 20	2 34	24 13	0 25	7 21	1 56	33 54	14 24	16 24	16 18	24 32		n.a.
S 9	18 31	24 50	2 18	16 35	0 40	23 51	0 28	13 16	1 30	20 8	0 4	4 20	2 34	24 13	0 25	7 21	1 56	33 54	14 24	16 24	16 17	24 33		n.a.
S 10	18 15	27 9	3 21	15 49	0 30	23 46	0 31	13 27	1 30	20 8	0 4	4 20	2 35	24 13	0 25	7 22	1 56	33 53	14 24	16 22	16 16	24 35		n.a.
M11	17 59	27 36	4 11	15 1	0 19	23 42	0 34	13 38	1 30	20 9	0 4	4 19	2 35	24 13	0 25	7 22	1 56	33 53	14 24	16 20	16 15	24 37		n.a.
T 12	17 42	26 7	4 45	14 12	0 8	23 36	0 36	13 49	1 30	20 9	0 4	4 19	2 35	24 13	0 25	7 23	1 56	33 53	14 25	16 17	16 14	24 39		n.a.
W13	17 26	22 55	4 59	13 22	0n 4	23 30	0 38	13 59	1 30	20 10	0 4	4 18	2 35	24 13	0 25	7 23	1 56	33 52	14 25	16 14	16 13	24 41		n.a.
T 14	17 9	18 22	4 55	12 32	0 16	23 23	0 41	14 10	1 30	20 10	0 4	4 18	2 36	24 13	0 25	7 23	1 56	33 52	14 25	16 10	16 12	24 42		n.a.
F 15	16 51	12 56	4 33	11 43	0 28	23 15	0 43	14 21	1 30	20 11	0 4	4 17	2 36	24 13	0 25	7 24	1 56	33 52	14 25	16 6	16 11	24 44		n.a.
S 16	16 34	7 2	3 56	10 53	0 41	23 7	0 45	14 32	1 31	20 11	0 4	4 17	2 36	24 13	0 25	7 24	1 55	33 51	14 25	16 3	16 10	24 46		n.a.
S 17	16 16	1 0	3 8	10 4	0 53	22 58	0 48	14 43	1 31	20 12	0 5	4 16	2 36	24 13	0 25	7 25	1 55	33 51	14 25	16 1	16 9	24 48		n.a.
M18	15 58	4n54	2 11	9 16	1 6	22 48	0 50	14 53	1 31	20 13	0 5	4 16	2 36	24 13	0 25	7 25	1 55	33 51	14 25	16 0	16 8	24 49		n.a.
T 19	15 39	10 29	1 9	8 29	1 19	22 37	0 52	15 4	1 31	20 13	0 5	4 15	2 37	24 12	0 25	7 26	1 55	33 50	14 25	15 59	16 7	24 51		n.a.
W20	15 21	15 32	0 6	7 43	1 31	22 26	0 54	15 15	1 31	20 14	0 5	4 14	2 37	24 12	0 25	7 26	1 55	33 50	14 25	15 59	16 6	24 53		n.a.
T 21	15 2	19 56	0n57	6 59	1 44	22 14	0 56	15 25	1 31	20 15	0 5	4 13	2 37	24 12	0 25	7 27	1 55	33 50	14 25	15 59	16 5	24 55		n.a.
F 22	14 43	23 31	1 57	6 18	1 56	22 2	0 58	15 36	1 31	20 16	0 5	4 13	2 37	24 12	0 25	7 27	1 55	33 50	14 26	15 59	16 4	24 56		n.a.
S 23	14 23	26 5	2 51	5 38	2 8	21 49	1 0	15 46	1 31	20 17	0 5	4 12	2 37	24 12	0 25	7 28	1 55	33 49	14 26	15 58	16 3	24 58		n.a.
S 24	14 4	27 31	3 39	5 1	2 19	21 35	1 2	15 57	1 31	20 18	0 5	4 11	2 38	24 12	0 25	7 28	1 55	33 49	14 26	15 57	16 2	25 0		n.a.
M25	13 44	27 39	4 18	4 27	2 30	21 21	1 4	16 7	1 31	20 18	0 6	4 10	2 38	24 12	0 25	7 29	1 55	33 49	14 26	15 54	16 1	25 1		n.a.
T 26	13 24	26 27	4 45	3 55	2 40	21 6	1 5	16 18	1 31	20 19	0 6	4 9	2 38	24 12	0 25	7 29	1 55	33 49	14 26	15 51	16 1	25 3		n.a.
W27	13 4	23 55	4 59	3 27	2 49	20 51	1 7	16 28	1 31	20 20	0 6	4 8	2 38	24 12	0 25	7 30	1 55	33 48	14 26	15 48	16 0	25 5		n.a.
T 28	12s44	20n11	4n59	3s 2	2n57	20s34	1s 9	16n39	1n31	20n22	0n 6	4s 7	2n38	24n12	0n25	7n31	1s55	33s48	14s26	15n44	15n59	25n 7		n.a.

Julian Day Number = 1209008.5, Delta T = 09h14m51s
Ecliptic obliquity = 23°51'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°26'01, Lahiri = -23°19'01 Julian Calendar 1 Feb. 1403 BCE == Greg. Calendar 19 Jan. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

MARCH 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 43 50	27♒58'13	1♍48	16♓18	5♒46	10♉57	28♉58	16°R21	25°R24	23♈31	3♒ 6	11°R53	12♉49	12♊ 5	n.a.	F 1
S 2	9 47 46	28°56'52	15° 3	16°49	7° 0	11°29	29° 2	16♎19	25♊23	23°33	3° 8	11♉42	12°46	12°12	n.a.	S 2
S 3	9 51 43	29°55'29	28°31	17°14	8°13	12° 1	29° 7	16°17	25°22	23°34	3° 9	11°33	12°43	12°19	n.a.	S 3
M 4	9 55 39	0♓54'03	12♎ 8	17°32	9°26	12°34	29°12	16°14	25°22	23°36	3°10	11°27	12°40	12°25	n.a.	M 4
T 5	9 59 36	1°52'36	25°55	17°43	10°40	13° 6	29°17	16°12	25°21	23°37	3°12	11°24	12°36	12°32	n.a.	T 5
W 6	10 3 32	2°51'07	9♏48	17°R49	11°53	13°39	29°22	16° 9	25°20	23°39	3°13	11°D23	12°33	12°39	n.a.	W 6
T 7	10 7 29	3°49'37	23°48	17°48	13° 7	14°11	29°28	16° 7	25°20	23°40	3°15	11°24	12°30	12°45	n.a.	T 7
F 8	10 11 25	4°48'05	7♐54	17°41	14°20	14°44	29°33	16° 4	25°19	23°42	3°16	11°R24	12°27	12°52	n.a.	F 8
S 9	10 15 22	5°46'31	22° 4	17°28	15°34	15°17	29°39	16° 1	25°19	23°43	3°17	11°23	12°24	12°59	n.a.	S 9
S 10	10 19 18	6°44'55	6♑18	17°10	16°47	15°50	29°45	15°58	25°19	23°45	3°19	11°20	12°21	13° 5	n.a.	S 10
M11	10 23 15	7°43'18	20°32	16°47	18° 0	16°23	29°51	15°55	25°18	23°47	3°20	11°14	12°17	13°12	n.a.	M11
T 12	10 27 12	8°41'39	4♒44	16°20	19°14	16°56	29°57	15°52	25°18	23°48	3°21	11° 6	12°14	13°19	n.a.	T 12
W13	10 31 8	9°39'58	18°49	15°49	20°27	17°29	0♊ 3	15°49	25°18	23°50	3°23	10°56	12°11	13°25	n.a.	W13
T 14	10 35 5	10°38'15	2♓41	15°14	21°41	18° 2	0°10	15°46	25°18	23°52	3°24	10°46	12° 8	13°32	n.a.	T 14
F 15	10 39 1	11°36'30	16°18	14°37	22°54	18°35	0°16	15°43	25°18	23°54	3°25	10°37	12° 5	13°39	n.a.	F 15
S 16	10 42 58	12°34'43	29°36	13°58	24° 7	19° 9	0°23	15°40	25°D18	23°55	3°27	10°29	12° 1	13°45	n.a.	S 16
S 17	10 46 54	13°32'54	12♈34	13°18	25°21	19°42	0°30	15°36	25°18	23°57	3°28	10°23	11°58	13°52	n.a.	S 17
M18	10 50 51	14°31'03	25°11	12°37	26°34	20°16	0°37	15°33	25°18	23°59	3°29	10°20	11°55	13°59	n.a.	M18
T 19	10 54 47	15°29'10	7♉31	11°57	27°48	20°49	0°44	15°30	25°18	24° 1	3°30	10°D19	11°52	14° 5	n.a.	T 19
W20	10 58 44	16°27'16	19°37	11°18	29° 1	21°23	0°51	15°26	25°18	24° 3	3°32	10°19	11°49	14°12	n.a.	W20
T 21	11 2 40	17°25'19	1♊32	10°40	0♓14	21°56	0°59	15°22	25°19	24° 4	3°33	10°20	11°46	14°19	n.a.	T 21
F 22	11 6 37	18°23'20	13°22	10° 5	1°28	22°30	1° 6	15°19	25°19	24° 6	3°34	10°R21	11°42	14°25	n.a.	F 22
S 23	11 10 34	19°21'19	25°13	9°32	2°41	23° 4	1°14	15°15	25°19	24° 8	3°35	10°21	11°39	14°32	n.a.	S 23
S 24	11 14 30	20°19'16	7♋ 8	9° 3	3°55	23°38	1°22	15°11	25°20	24°10	3°36	10°19	11°36	14°39	n.a.	S 24
M25	11 18 27	21°17'11	19°14	8°38	5° 8	24°12	1°30	15° 8	25°20	24°12	3°38	10°15	11°33	14°45	n.a.	M25
T 26	11 22 23	22°15'04	1♌34	8°16	6°21	24°46	1°38	15° 4	25°21	24°14	3°39	10°10	11°30	14°52	n.a.	T 26
W27	11 26 20	23°12'55	14°11	7°59	7°35	25°20	1°46	15° 0	25°21	24°16	3°40	10° 3	11°27	14°59	n.a.	W27
T 28	11 30 16	24°10'45	27° 8	7°47	8°48	25°54	1°54	14°56	25°22	24°18	3°41	9°55	11°23	15° 5	n.a.	T 28
F 29	11 34 13	25° 8'32	10♍25	7°39	10° 2	26°28	2° 3	14°52	25°22	24°20	3°42	9°48	11°20	15°12	n.a.	F 29
S 30	11 38 9	26° 6'18	24° 0	7°D35	11°15	27° 2	2°11	14°48	25°23	24°22	3°43	9°41	11°17	15°19	n.a.	S 30
S 31	11 42 6	27♓ 4'02	7♎50	7♓37	12♓28	27♉36	2♊20	14♎44	25♊24	24♈24	3♒44	9♉36	11♉14	15♊25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12s23	15n25	4n43	2s40	3n 5	20s18	1s10	16n49	1n31	20n23	0n 6	4s 6	2n39	24n12	0n25	7n31	1s55	33s48	14s27	15n40	15n58	25n 8		n.a.
S 2	12 3	9 51	4 12	2 22	3 11	20 0	1 12	16 59	1 31	20 24	0 6	4 5	2 39	24 12	0 25	7 32	1 55	33 48	14 27	15 37	15 57	25 10		n.a.
S 3	11 42	3 45	3 27	2 7	3 17	19 43	1 13	17 9	1 31	20 25	0 6	4 4	2 39	24 12	0 25	7 32	1 55	33 47	14 27	15 34	15 56	25 12		n.a.
M 4	11 21	2s36	2 29	1 56	3 21	19 24	1 15	17 20	1 31	20 26	0 6	4 3	2 39	24 12	0 25	7 33	1 54	33 47	14 27	15 32	15 55	25 13		n.a.
T 5	11 0	8 55	1 21	1 49	3 24	19 5	1 16	17 30	1 31	20 27	0 6	4 2	2 39	24 12	0 25	7 34	1 54	33 47	14 27	15 31	15 54	25 15		n.a.
W 6	10 38	14 53	0 8	1 45	3 26	18 46	1 17	17 40	1 31	20 29	0 7	4 1	2 39	24 12	0 25	7 34	1 54	33 47	14 27	15 31	15 53	25 17		n.a.
T 7	10 17	20 7	1s 6	1 45	3 26	18 26	1 19	17 50	1 31	20 30	0 7	4 0	2 40	24 12	0 25	7 35	1 54	33 47	14 28	15 31	15 52	25 18		n.a.
F 8	9 55	24 15	2 16	1 49	3 25	18 5	1 20	18 0	1 31	20 31	0 7	3 59	2 40	24 12	0 25	7 35	1 54	33 47	14 28	15 31	15 51	25 20		n.a.
S 9	9 33	26 55	3 19	1 56	3 23	17 44	1 21	18 10	1 31	20 33	0 7	3 57	2 40	24 12	0 25	7 36	1 54	33 46	14 28	15 31	15 50	25 21		n.a.
S 10	9 11	27 51	4 9	2 7	3 19	17 23	1 22	18 19	1 31	20 34	0 7	3 56	2 40	24 12	0 25	7 37	1 54	33 46	14 28	15 30	15 49	25 23		n.a.
M11	8 49	26 56	4 44	2 21	3 13	17 1	1 23	18 29	1 31	20 35	0 7	3 55	2 40	24 12	0 25	7 37	1 54	33 46	14 28	15 28	15 48	25 25		n.a.
T 12	8 27	24 17	5 2	2 38	3 6	16 38	1 24	18 39	1 31	20 37	0 7	3 54	2 40	24 12	0 25	7 38	1 54	33 46	14 29	15 25	15 47	25 26		n.a.
W13	8 5	20 12	5 1	2 58	2 58	16 15	1 24	18 48	1 31	20 38	0 7	3 52	2 41	24 12	0 25	7 39	1 54	33 46	14 29	15 22	15 46	25 28		n.a.
T 14	7 42	15 4	4 42	3 20	2 48	15 52	1 25	18 58	1 31	20 40	0 7	3 51	2 41	24 12	0 25	7 39	1 54	33 46	14 29	15 19	15 45	25 30		n.a.
F 15	7 20	9 17	4 7	3 45	2 37	15 28	1 26	19 7	1 31	20 41	0 7	3 49	2 41	24 12	0 25	7 40	1 54	33 46	14 29	15 16	15 44	25 31		n.a.
S 16	6 57	3 13	3 20	4 11	2 25	15 4	1 26	19 17	1 31	20 43	0 8	3 48	2 41	24 12	0 25	7 41	1 54	33 45	14 30	15 14	15 43	25 33		n.a.
S 17	6 35	2n51	2 23	4 39	2 12	14 40	1 27	19 26	1 31	20 44	0 8	3 47	2 41	24 12	0 25	7 42	1 54	33 45	14 30	15 12	15 42	25 34		n.a.
M18	6 12	8 40	1 20	5 8	1 57	14 15	1 28	19 35	1 31	20 46	0 8	3 45	2 41	24 12	0 25	7 42	1 54	33 45	14 30	15 11	15 41	25 36		n.a.
T 19	5 49	14 2	0 15	5 38	1 42	13 49	1 28	19 44	1 31	20 48	0 8	3 44	2 41	24 12	0 25	7 43	1 54	33 45	14 30	15 10	15 40	25 37		n.a.
W20	5 26	18 45	0n50	6 7	1 27	13 24	1 28	19 53	1 31	20 49	0 8	3 42	2 41	24 12	0 25	7 44	1 54	33 45	14 31	15 10	15 39	25 39		n.a.
T 21	5 3	22 39	1 52	6 37	1 11	12 58	1 29	20 2	1 31	20 51	0 8	3 41	2 42	24 12	0 25	7 45	1 54	33 45	14 31	15 11	15 38	25 41		n.a.
F 22	4 40	25 35	2 48	7 5	0 54	12 31	1 29	20 11	1 31	20 53	0 8	3 39	2 42	24 12	0 25	7 45	1 54	33 45	14 31	15 11	15 37	25 42		n.a.
S 23	4 17	27 24	3 38	7 33	0 38	12 5	1 29	20 20	1 31	20 54	0 8	3 38	2 42	24 12	0 25	7 46	1 54	33 45	14 31	15 11	15 36	25 44		n.a.
S 24	3 54	27 58	4 18	7 59	0 21	11 38	1 29	20 28	1 31	20 56	0 8	3 36	2 42	24 12	0 25	7 47	1 53	33 45	14 32	15 10	15 35	25 45		n.a.
M25	3 31	27 12	4 48	8 24	0 5	11 10	1 29	20 37	1 31	20 58	0 8	3 35	2 42	24 12	0 25	7 47	1 53	33 45	14 32	15 9	15 34	25 47		n.a.
T 26	3 8	25 6	5 4	8 47	0s11	10 43	1 29	20 45	1 31	21 0	0 9	3 33	2 42	24 12	0 25	7 48	1 53	33 45	14 32	15 8	15 33	25 48		n.a.
W27	2 44	21 45	5 7	9 8	0 27	10 15	1 29	20 54	1 31	21 1	0 9	3 31	2 42	24 12	0 25	7 49	1 53	33 45	14 32	15 5	15 32	25 50		n.a.
T 28	2 21	17 16	4 54	9 27	0 42	9 47	1 29	21 2	1 31	21 3	0 9	3 30	2 42	24 12	0 25	7 50	1 53	33 45	14 33	15 3	15 31	25 51		n.a.
F 29	1 58	11 52	4 25	9 43	0 57	9 18	1 29	21 10	1 30	21 5	0 9	3 28	2 42	24 12	0 25	7 51	1 53	33 45	14 33	15 0	15 30	25 53		n.a.
S 30	1 34	5 48	3 41	9 57	1 10	8 50	1 28	21 18	1 30	21 7	0 9	3 27	2 42	24 12	0 25	7 51	1 53	33 45	14 33	14 58	15 29	25 54		n.a.
S 31	1s11	0s40	2n43	10s 9	1s24	8s21	1s28	21n26	1n30	21n 9	0n 9	3s25	2n42	24n12	0n25	7n52	1s53	33s45	14s34	14n57	15n28	25n56		n.a.

Julian Day Number = 1209036.5, Delta T = 09h14m50s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'58, Lahiri = -23°18'57 Julian Calendar 1 March 1403 BCE == Greg. Calendar 16 Feb. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

APRIL 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 46 3	28♓ 1'44	21♎54	7♓43	13♓42	28♉11	2♊29	14°R40	25♊25	24♈26	3♒45	9°R33	11♉11	15♊32	n.a.	M 1
T 2	11 49 59	28°59'26	6♏ 5	7°54	14°55	28°45	2°38	14♎36	25°26	24°28	3°46	9°D31	11° 7	15°39	n.a.	T 2
W 3	11 53 56	29°57'06	20°21	8° 9	16° 9	29°19	2°47	14°32	25°27	24°30	3°47	9♉32	11° 4	15°45	n.a.	W 3
T 4	11 57 52	0♈54'44	4♐39	8°29	17°22	29°54	2°56	14°27	25°28	24°32	3°48	9°33	11° 1	15°52	n.a.	T 4
F 5	12 1 49	1°52'22	18°54	8°53	18°35	0♊28	3° 5	14°23	25°29	24°34	3°49	9°34	10°58	15°59	n.a.	F 5
S 6	12 5 45	2°49'59	3♑ 5	9°21	19°49	1° 3	3°14	14°19	25°30	24°36	3°50	9°R35	10°55	16° 6	n.a.	S 6
S 7	12 9 42	3°47'34	17°11	9°54	21° 2	1°37	3°24	14°15	25°31	24°39	3°51	9°34	10°52	16°12	n.a.	S 7
M 8	12 13 38	4°45'08	1♒ 9	10°30	22°16	2°12	3°33	14°10	25°32	24°41	3°52	9°32	10°48	16°19	n.a.	M 8
T 9	12 17 35	5°42'41	14°59	11°11	23°29	2°47	3°43	14° 6	25°33	24°43	3°53	9°28	10°45	16°26	n.a.	T 9
W10	12 21 32	6°40'13	28°37	11°55	24°43	3°22	3°53	14° 2	25°35	24°45	3°54	9°23	10°42	16°32	n.a.	W10
T 11	12 25 28	7°37'44	12♓ 3	12°43	25°56	3°56	4° 3	13°57	25°36	24°47	3°54	9°18	10°39	16°39	n.a.	T 11
F 12	12 29 25	8°35'14	25°15	13°34	27°10	4°31	4°13	13°53	25°37	24°49	3°55	9°14	10°36	16°46	n.a.	F 12
S 13	12 33 21	9°32'42	8♈12	14°29	28°23	5° 6	4°23	13°48	25°39	24°51	3°56	9°10	10°32	16°52	n.a.	S 13
S 14	12 37 18	10°30'10	20°54	15°27	29°36	5°41	4°33	13°44	25°40	24°54	3°57	9° 7	10°29	16°59	n.a.	S 14
M15	12 41 14	11°27'36	3♉20	16°28	0♈50	6°16	4°43	13°40	25°42	24°56	3°57	9°D 6	10°26	17° 6	n.a.	M15
T 16	12 45 11	12°25'00	15°33	17°33	2° 3	6°51	4°53	13°35	25°43	24°58	3°58	9° 6	10°23	17°12	n.a.	T 16
W17	12 49 7	13°22'24	27°35	18°40	3°17	7°27	5° 4	13°31	25°45	25° 0	3°59	9° 7	10°20	17°19	n.a.	W17
T 18	12 53 4	14°19'46	9♊29	19°50	4°30	8° 2	5°14	13°26	25°47	25° 2	4° 0	9° 8	10°17	17°26	n.a.	T 18
F 19	12 57 0	15°17'07	21°20	21° 3	5°44	8°37	5°25	13°22	25°49	25° 5	4° 0	9°10	10°13	17°32	n.a.	F 19
S 20	13 0 57	16°14'27	3♋10	22°20	6°57	9°12	5°35	13°18	25°50	25° 7	4° 1	9°11	10°10	17°39	n.a.	S 20
S 21	13 4 54	17°11'46	15° 6	23°38	8°11	9°47	5°46	13°13	25°52	25° 9	4° 2	9°R12	10° 7	17°46	n.a.	S 21
M22	13 8 50	18° 9'03	27°12	25° 0	9°24	10°23	5°57	13° 9	25°54	25°11	4° 2	9°12	10° 4	17°52	n.a.	M22
T 23	13 12 47	19° 6'19	9♌32	26°24	10°38	10°58	6° 8	13° 5	25°56	25°13	4° 3	9°10	10° 1	17°59	n.a.	T 23
W24	13 16 43	20° 3'34	22°11	27°51	11°51	11°34	6°19	13° 0	25°58	25°16	4° 3	9° 8	9°58	18° 6	n.a.	W24
T 25	13 20 40	21° 0'48	5♍11	29°21	13° 5	12° 9	6°30	12°56	26° 0	25°18	4° 4	9° 6	9°54	18°12	n.a.	T 25
F 26	13 24 36	21°58'01	18°35	0♈53	14°18	12°45	6°41	12°52	26° 2	25°20	4° 4	9° 4	9°51	18°19	n.a.	F 26
S 27	13 28 33	22°55'12	2♎22	2°28	15°31	13°20	6°52	12°47	26° 4	25°22	4° 5	9° 2	9°48	18°26	n.a.	S 27
S 28	13 32 30	23°52'23	16°30	4° 6	16°45	13°56	7° 3	12°43	26° 6	25°25	4° 5	9° 0	9°45	18°32	n.a.	S 28
M29	13 36 26	24°49'33	0♏55	5°46	17°58	14°31	7°15	12°39	26° 8	25°27	4° 6	8°59	9°42	18°39	n.a.	M29
T 30	13 40 23	25♈46'42	15♏32	7♈29	19♈12	15♊ 7	7♊26	12♎34	26♊11	25♈29	4♒ 6	8°D59	9♉38	18♊46	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0s48	7s13	1n34	10s18	1s36	7s52	1s27	21n34	1n30	21n10	0n 9	3s23	2n43	24n12	0n25	7n53	1s53	33s45	14s34	14n56	15n27	25n57		n.a.
T 2	0 25	13 30	0 19	10 25	1 47	7 22	1 27	21 42	1 30	21 12	0 9	3 22	2 43	24 12	0 25	7 54	1 53	33 45	14 34	14 55	15 26	25 59		n.a.
W 3	0 1	19 5	0s59	10 29	1 58	6 53	1 26	21 49	1 30	21 14	0 9	3 20	2 43	24 12	0 25	7 55	1 53	33 45	14 34	14 55	15 25	26 0		n.a.
T 4	0n22	23 36	2 12	10 30	2 8	6 23	1 26	21 57	1 30	21 16	0 9	3 18	2 43	24 12	0 25	7 55	1 53	33 45	14 35	14 56	15 24	26 2		n.a.
F 5	0 45	26 40	3 18	10 30	2 17	5 53	1 25	22 4	1 30	21 18	0 9	3 16	2 43	24 12	0 25	7 56	1 53	33 45	14 35	14 56	15 23	26 3		n.a.
S 6	1 9	28 0	4 11	10 26	2 25	5 23	1 24	22 12	1 30	21 20	0 10	3 15	2 43	24 12	0 25	7 57	1 53	33 45	14 35	14 56	15 22	26 4		n.a.
S 7	1 32	27 30	4 48	10 21	2 33	4 53	1 24	22 19	1 30	21 22	0 10	3 13	2 43	24 12	0 25	7 58	1 53	33 45	14 36	14 56	15 21	26 6		n.a.
M 8	1 55	25 15	5 8	10 12	2 39	4 23	1 23	22 26	1 30	21 24	0 10	3 11	2 43	24 12	0 25	7 59	1 53	33 45	14 36	14 55	15 20	26 7		n.a.
T 9	2 18	21 33	5 10	10 2	2 45	3 53	1 22	22 33	1 29	21 26	0 10	3 10	2 43	24 12	0 25	7 59	1 53	33 45	14 36	14 54	15 19	26 9		n.a.
W10	2 42	16 44	4 54	9 49	2 50	3 22	1 21	22 40	1 29	21 28	0 10	3 8	2 43	24 12	0 25	8 0	1 53	33 45	14 37	14 53	15 18	26 10		n.a.
T 11	3 5	11 11	4 22	9 34	2 54	2 52	1 20	22 46	1 29	21 30	0 10	3 6	2 43	24 12	0 25	8 1	1 53	33 45	14 37	14 51	15 17	26 12		n.a.
F 12	3 28	5 14	3 37	9 17	2 57	2 21	1 19	22 53	1 29	21 32	0 10	3 5	2 43	24 12	0 25	8 2	1 53	33 45	14 37	14 49	15 16	26 13		n.a.
S 13	3 51	0n51	2 41	8 58	3 0	1 50	1 17	22 59	1 29	21 34	0 10	3 3	2 43	24 12	0 25	8 3	1 53	33 46	14 38	14 48	15 15	26 14		n.a.
S 14	4 14	6 47	1 38	8 37	3 2	1 19	1 16	23 5	1 29	21 36	0 10	3 1	2 43	24 12	0 25	8 3	1 53	33 46	14 38	14 47	15 14	26 16		n.a.
M15	4 37	12 21	0 32	8 14	3 3	0 48	1 15	23 12	1 29	21 38	0 10	2 59	2 43	24 12	0 25	8 4	1 53	33 46	14 38	14 47	15 13	26 17		n.a.
T 16	4 59	17 21	0n35	7 48	3 3	0 18	1 14	23 18	1 29	21 40	0 11	2 58	2 43	24 12	0 25	8 5	1 53	33 46	14 39	14 47	15 12	26 18		n.a.
W17	5 22	21 35	1 40	7 21	3 3	0n13	1 12	23 23	1 28	21 42	0 11	2 56	2 43	24 12	0 25	8 6	1 53	33 46	14 39	14 47	15 11	26 20		n.a.
T 18	5 45	24 53	2 39	6 52	3 1	0 44	1 11	23 29	1 28	21 44	0 11	2 54	2 43	24 12	0 25	8 7	1 53	33 46	14 39	14 48	15 10	26 21		n.a.
F 19	6 7	27 6	3 32	6 21	3 0	1 15	1 9	23 35	1 28	21 46	0 11	2 53	2 43	24 12	0 25	8 8	1 53	33 46	14 40	14 48	15 9	26 23		n.a.
S 20	6 30	28 5	4 15	5 48	2 57	1 46	1 8	23 40	1 28	21 48	0 11	2 51	2 43	24 12	0 25	8 8	1 53	33 47	14 40	14 49	15 8	26 24		n.a.
S 21	6 52	27 45	4 48	5 13	2 54	2 17	1 6	23 46	1 28	21 50	0 11	2 49	2 43	24 12	0 25	8 9	1 53	33 47	14 40	14 49	15 7	26 25		n.a.
M22	7 14	26 7	5 8	4 37	2 50	2 48	1 5	23 51	1 28	21 52	0 11	2 47	2 43	24 12	0 25	8 10	1 53	33 47	14 41	14 49	15 6	26 27		n.a.
T 23	7 37	23 14	5 15	3 59	2 46	3 19	1 3	23 56	1 28	21 54	0 11	2 46	2 43	24 12	0 25	8 11	1 53	33 47	14 41	14 48	15 5	26 28		n.a.
W24	7 59	19 11	5 7	3 19	2 41	3 50	1 1	24 1	1 28	21 56	0 11	2 44	2 42	24 12	0 25	8 12	1 53	33 47	14 41	14 48	15 4	26 29		n.a.
T 25	8 20	14 9	4 43	2 38	2 35	4 20	1 0	24 5	1 27	21 58	0 11	2 42	2 42	24 13	0 25	8 13	1 53	33 48	14 42	14 47	15 3	26 31		n.a.
F 26	8 42	8 19	4 4	1 55	2 29	4 51	0 58	24 10	1 27	22 0	0 11	2 41	2 42	24 13	0 25	8 13	1 53	33 48	14 42	14 46	15 1	26 32		n.a.
S 27	9 4	1 55	3 9	1 10	2 22	5 21	0 56	24 14	1 27	22 2	0 12	2 39	2 42	24 13	0 25	8 14	1 53	33 48	14 43	14 45	15 0	26 33		n.a.
S 28	9 25	4s44	2 1	0 24	2 15	5 52	0 54	24 19	1 27	22 4	0 12	2 38	2 42	24 13	0 24	8 15	1 53	33 48	14 43	14 45	14 59	26 34		n.a.
M29	9 47	11 18	0 45	0n23	2 7	6 22	0 52	24 23	1 27	22 6	0 12	2 36	2 42	24 13	0 24	8 16	1 53	33 48	14 43	14 45	14 58	26 36		n.a.
T 30	10n 8	17s21	0s36	1n12	1s59	6n52	0s50	24n27	1n27	22n 8	0n12	2s34	2n42	24n13	0n24	8n17	1s53	33s49	14s44	14n45	14n57	26n37		n.a.

Julian Day Number = 1209067.5, Delta T = 09h14m48s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'53, Lahiri = -23°18'53 Julian Calendar 1 Apr. 1403 BCE == Greg. Calendar 19 March 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

MAY 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 44 19	26♈43'51	0♐14	9♈14	20♈25	15♊43	7♊37	12°R30	26♊13	25♈31	4♒ 7	9♉ 0	9♉35	18♊52	n.a.	W 1
T 2	13 48 16	27°40'59	14°55	11° 2	21°39	16°19	7°49	12♎26	26°15	25°34	4° 7	9° 1	9°32	18°59	n.a.	T 2
F 3	13 52 12	28°38'08	29°29	12°52	22°53	16°54	8° 1	12°22	26°18	25°36	4° 7	9° 1	9°29	19° 6	n.a.	F 3
S 4	13 56 9	29°35'15	13♑52	14°45	24° 6	17°30	8°12	12°18	26°20	25°38	4° 8	9° 2	9°26	19°12	n.a.	S 4
S 5	14 0 5	0♉32'23	28° 0	16°40	25°20	18° 6	8°24	12°14	26°22	25°40	4° 8	9°R 2	9°23	19°19	n.a.	S 5
M 6	14 4 2	1°29'30	11♒53	18°37	26°33	18°42	8°36	12°10	26°25	25°43	4° 8	9° 2	9°19	19°26	n.a.	M 6
T 7	14 7 59	2°26'37	25°29	20°37	27°47	19°18	8°48	12° 6	26°27	25°45	4° 8	9° 2	9°16	19°32	n.a.	T 7
W 8	14 11 55	3°23'44	8♓49	22°39	29° 0	19°54	8°59	12° 2	26°30	25°47	4° 9	9° 1	9°13	19°39	n.a.	W 8
T 9	14 15 52	4°20'50	21°53	24°42	0♉14	20°30	9°11	11°58	26°32	25°49	4° 9	9° 1	9°10	19°46	n.a.	T 9
F 10	14 19 48	5°17'57	4♈43	26°48	1°27	21° 6	9°23	11°54	26°35	25°51	4° 9	9° 0	9° 7	19°52	n.a.	F 10
S 11	14 23 45	6°15'03	17°19	28°55	2°41	21°42	9°36	11°50	26°38	25°54	4° 9	9° 0	9° 4	19°59	n.a.	S 11
S 12	14 27 41	7°12'09	29°42	1♉ 3	3°55	22°19	9°48	11°46	26°40	25°56	4° 9	9° 0	9° 0	20° 6	n.a.	S 12
M13	14 31 38	8° 9'15	11♉55	3°12	5° 8	22°55	10° 0	11°43	26°43	25°58	4° 9	9°D 0	8°57	20°12	n.a.	M13
T 14	14 35 34	9° 6'20	23°59	5°22	6°22	23°31	10°12	11°39	26°46	26° 0	4°10	9°R 0	8°54	20°19	n.a.	T 14
W15	14 39 31	10° 3'25	5♊55	7°33	7°36	24° 7	10°24	11°35	26°49	26° 2	4°10	9° 0	8°51	20°26	n.a.	W15
T 16	14 43 28	11° 0'30	17°47	9°44	8°49	24°44	10°37	11°32	26°52	26° 5	4°10	9° 0	8°48	20°33	n.a.	T 16
F 17	14 47 24	11°57'35	29°36	11°55	10° 3	25°20	10°49	11°28	26°54	26° 7	4°10	8°59	8°44	20°39	n.a.	F 17
S 18	14 51 21	12°54'40	11♋27	14° 6	11°17	25°57	11° 1	11°25	26°57	26° 9	4°R10	8°59	8°41	20°46	n.a.	S 18
S 19	14 55 17	13°51'44	23°22	16°16	12°30	26°33	11°14	11°21	27° 0	26°11	4°10	8°58	8°38	20°53	n.a.	S 19
M20	14 59 14	14°48'48	5♌27	18°25	13°44	27°10	11°26	11°18	27° 3	26°13	4°10	8°58	8°35	20°59	n.a.	M20
T 21	15 3 10	15°45'51	17°45	20°33	14°58	27°46	11°39	11°15	27° 6	26°15	4°10	8°D58	8°32	21° 6	n.a.	T 21
W22	15 7 7	16°42'55	0♍21	22°40	16°11	28°23	11°51	11°12	27° 9	26°18	4°10	8°58	8°29	21°13	n.a.	W22
T 23	15 11 4	17°39'58	13°19	24°46	17°25	28°59	12° 4	11° 9	27°12	26°20	4° 9	8°59	8°25	21°19	n.a.	T 23
F 24	15 15 0	18°37'00	26°41	26°50	18°39	29°36	12°17	11° 6	27°15	26°22	4° 9	8°59	8°22	21°26	n.a.	F 24
S 25	15 18 57	19°34'03	10♎29	28°53	19°52	0♏13	12°29	11° 3	27°19	26°24	4° 9	9° 0	8°19	21°33	n.a.	S 25
S 26	15 22 53	20°31'06	24°43	0♊54	21° 6	0°49	12°42	11° 0	27°22	26°26	4° 9	9° 1	8°16	21°39	n.a.	S 26
M27	15 26 50	21°28'09	9♏20	2°54	22°20	1°26	12°55	10°57	27°25	26°28	4° 9	9°R 1	8°13	21°46	n.a.	M27
T 28	15 30 46	22°25'12	24°13	4°51	23°34	2° 3	13° 8	10°54	27°28	26°30	4° 9	9° 1	8°10	21°53	n.a.	T 28
W29	15 34 43	23°22'15	9♐16	6°47	24°47	2°40	13°21	10°51	27°31	26°32	4° 8	9° 0	8° 6	21°59	n.a.	W29
T 30	15 38 40	24°19'19	24°20	8°40	26° 1	3°17	13°33	10°49	27°35	26°34	4° 8	8°58	8° 3	22° 6	n.a.	T 30
F 31	15 42 36	25♑16'23	9♑16	10♊32	27♉15	3♋54	13♊46	10♎46	27♊38	26♈36	4♒ 8	8♉56	8♉ 0	22♊13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	10n29	22s26	1s55	2n 2	1s50	7n22	0s48	24n31	1n26	22n10	0n12	2s33	2n42	24n13	0n24	8n18	1s53	33s49	14s44	14n45	14n56	26n38			n.a.
T 2	10 50	26 4	3 6	2 53	1 41	7 52	0 46	24 34	1 26	22 12	0 12	2 31	2 42	24 13	0 24	8 18	1 53	33 49	14 44	14 45	14 55	26 40			n.a.
F 3	11 11	27 56	4 5	3 46	1 32	8 22	0 44	24 38	1 26	22 14	0 12	2 30	2 42	24 13	0 24	8 19	1 53	33 49	14 45	14 45	14 54	26 41			n.a.
S 4	11 31	27 53	4 47	4 39	1 22	8 51	0 42	24 41	1 26	22 16	0 12	2 28	2 42	24 13	0 24	8 20	1 53	33 50	14 45	14 46	14 53	26 42			n.a.
S 5	11 52	26 0	5 11	5 34	1 12	9 21	0 40	24 44	1 26	22 18	0 12	2 27	2 41	24 13	0 24	8 21	1 53	33 50	14 45	14 46	14 52	26 43			n.a.
M 6	12 12	22 35	5 16	6 29	1 1	9 50	0 38	24 48	1 26	22 20	0 12	2 25	2 41	24 13	0 24	8 22	1 53	33 50	14 46	14 46	14 51	26 44			n.a.
T 7	12 32	18 0	5 4	7 25	0 51	10 19	0 36	24 50	1 25	22 22	0 12	2 24	2 41	24 13	0 24	8 23	1 53	33 50	14 46	14 46	14 50	26 46			n.a.
W 8	12 52	12 38	4 35	8 21	0 40	10 47	0 34	24 53	1 25	22 24	0 12	2 22	2 41	24 13	0 24	8 23	1 53	33 51	14 47	14 45	14 49	26 47			n.a.
T 9	13 12	6 49	3 53	9 17	0 29	11 16	0 32	24 56	1 25	22 26	0 13	2 21	2 41	24 13	0 24	8 24	1 53	33 51	14 47	14 45	14 48	26 48			n.a.
F 10	13 31	0 49	2 59	10 14	0 18	11 44	0 29	24 58	1 25	22 28	0 13	2 19	2 41	24 13	0 24	8 25	1 53	33 51	14 47	14 45	14 47	26 49			n.a.
S 11	13 50	5n 7	1 57	11 10	0 7	12 12	0 27	25 0	1 25	22 29	0 13	2 18	2 41	24 13	0 24	8 26	1 53	33 52	14 48	14 45	14 46	26 51			n.a.
S 12	14 9	10 46	0 51	12 6	0n 4	12 39	0 25	25 2	1 24	22 31	0 13	2 17	2 40	24 14	0 24	8 27	1 53	33 52	14 48	14 45	14 45	26 52			n.a.
M13	14 28	15 56	0n16	13 2	0 14	13 7	0 23	25 4	1 24	22 33	0 13	2 15	2 40	24 14	0 24	8 27	1 53	33 52	14 48	14 45	14 44	26 53			n.a.
T 14	14 47	20 26	1 22	13 56	0 25	13 34	0 20	25 6	1 24	22 35	0 13	2 14	2 40	24 14	0 24	8 28	1 53	33 53	14 49	14 45	14 43	26 54			n.a.
W15	15 5	24 2	2 24	14 49	0 35	14 0	0 18	25 7	1 24	22 37	0 13	2 13	2 40	24 14	0 24	8 29	1 53	33 53	14 49	14 45	14 42	26 55			n.a.
T 16	15 24	26 35	3 19	15 41	0 45	14 27	0 16	25 9	1 24	22 39	0 13	2 12	2 40	24 14	0 24	8 30	1 53	33 53	14 50	14 45	14 41	26 56			n.a.
F 17	15 42	27 57	4 5	16 32	0 54	14 53	0 13	25 10	1 23	22 41	0 13	2 10	2 40	24 14	0 24	8 31	1 53	33 54	14 50	14 45	14 40	26 58			n.a.
S 18	15 59	28 2	4 41	17 21	1 3	15 18	0 11	25 11	1 23	22 43	0 13	2 9	2 39	24 14	0 24	8 31	1 53	33 54	14 50	14 45	14 39	26 59			n.a.
S 19	16 17	26 49	5 5	18 7	1 11	15 44	0 9	25 12	1 23	22 45	0 13	2 8	2 39	24 14	0 24	8 32	1 53	33 54	14 51	14 44	14 38	27 0			n.a.
M20	16 34	24 21	5 16	18 52	1 18	16 8	0 6	25 13	1 23	22 46	0 14	2 7	2 39	24 14	0 24	8 33	1 53	33 55	14 51	14 44	14 37	27 1			n.a.
T 21	16 51	20 44	5 13	19 34	1 25	16 33	0 4	25 13	1 23	22 48	0 14	2 6	2 39	24 14	0 24	8 34	1 53	33 55	14 51	14 44	14 36	27 2			n.a.
W22	17 8	16 8	4 55	20 14	1 32	16 57	0 2	25 13	1 22	22 50	0 14	2 5	2 39	24 14	0 24	8 35	1 53	33 56	14 52	14 44	14 35	27 3			n.a.
T 23	17 24	10 41	4 22	20 52	1 37	17 21	0n 1	25 14	1 22	22 52	0 14	2 4	2 39	24 14	0 24	8 35	1 53	33 56	14 52	14 45	14 34	27 4			n.a.
F 24	17 40	4 36	3 34	21 27	1 42	17 44	0 3	25 14	1 22	22 54	0 14	2 3	2 38	24 14	0 24	8 36	1 53	33 56	14 52	14 45	14 33	27 5			n.a.
S 25	17 56	1s54	2 32	22 0	1 47	18 6	0 6	25 13	1 22	22 55	0 14	2 2	2 38	24 14	0 24	8 37	1 53	33 57	14 53	14 45	14 32	27 6			n.a.
S 26	18 12	8 32	1 18	22 30	1 50	18 29	0 8	25 13	1 21	22 57	0 14	2 1	2 38	24 14	0 24	8 38	1 53	33 57	14 53	14 45	14 31	27 8			n.a.
M27	18 27	14 53	0s 2	22 57	1 53	18 50	0 10	25 12	1 21	22 59	0 14	2 0	2 38	24 14	0 24	8 38	1 53	33 58	14 54	14 45	14 29	27 9			n.a.
T 28	18 42	20 30	1 23	23 22	1 55	19 12	0 13	25 12	1 21	23 1	0 14	1 59	2 38	24 15	0 24	8 39	1 53	33 58	14 54	14 45	14 28	27 10			n.a.
W29	18 57	24 52	2 40	23 45	1 57	19 32	0 15	25 11	1 21	23 2	0 14	1 58	2 37	24 15	0 24	8 40	1 53	33 58	14 54	14 45	14 27	27 11			n.a.
T 30	19 11	27 29	3 45	24 5	1 58	19 53	0 17	25 10	1 21	23 4	0 14	1 57	2 37	24 15	0 24	8 40	1 53	33 59	14 55	14 44	14 26	27 12			n.a.
F 31	19n25	28s 6	4s34	24n22	1n58	20n12	0n20	25n 8	1n20	23n 6	0n15	1s56	2n37	24n15	0n24	8n41	1s53	33s59	14s55	14n44	14n25	27n13			n.a.

Julian Day Number = 1209097.5, Delta T = 09h14m46s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'49, Lahiri = -23°18'49 Julian Calendar 1 May 1403 BCE == Greg. Calendar 18 Apr. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

JUNE 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 46 33	26♉13'28	23♑56	12♊22	28♉29	4♋31	13♊59	10°R44	27♊41	26♈38	4°R 7	8°R55	7♉57	22♊19	n.a.	S 1
S 2	15 50 29	27°10'34	8♒16	14°10	29°42	5° 8	14°12	10♎41	27°44	26°40	4♒ 7	8♉53	7°54	22°26	n.a.	S 2
M 3	15 54 26	28° 7'40	22°12	15°56	0♊56	5°45	14°25	10°39	27°48	26°42	4° 7	8°D52	7°50	22°33	n.a.	M 3
T 4	15 58 22	29° 4'47	5♓45	17°41	2°10	6°22	14°38	10°37	27°51	26°44	4° 6	8°52	7°47	22°40	n.a.	T 4
W 5	16 2 19	0♊ 1'55	18°56	19°23	3°24	6°59	14°51	10°35	27°55	26°46	4° 6	8°53	7°44	22°46	n.a.	W 5
T 6	16 6 15	0°59'03	1♈46	21° 3	4°38	7°36	15° 4	10°33	27°58	26°48	4° 5	8°54	7°41	22°53	n.a.	T 6
F 7	16 10 12	1°56'13	14°20	22°42	5°52	8°13	15°17	10°31	28° 1	26°50	4° 5	8°56	7°38	23° 0	n.a.	F 7
S 8	16 14 9	2°53'23	26°40	24°18	7° 6	8°50	15°30	10°29	28° 5	26°52	4° 5	8°57	7°35	23° 6	n.a.	S 8
S 9	16 18 5	3°50'34	8♉49	25°53	8°19	9°28	15°43	10°27	28° 8	26°54	4° 4	8°R58	7°31	23°13	n.a.	S 9
M10	16 22 2	4°47'46	20°51	27°26	9°33	10° 5	15°56	10°25	28°12	26°56	4° 4	8°57	7°28	23°20	n.a.	M10
T 11	16 25 58	5°44'58	2♊46	28°56	10°47	10°43	16°10	10°24	28°15	26°58	4° 3	8°55	7°25	23°26	n.a.	T 11
W12	16 29 55	6°42'12	14°37	0♋25	12° 1	11°20	16°23	10°22	28°19	26°59	4° 2	8°52	7°22	23°33	n.a.	W12
T 13	16 33 51	7°39'26	26°27	1°52	13°15	11°57	16°36	10°21	28°22	27° 1	4° 2	8°48	7°19	23°40	n.a.	T 13
F 14	16 37 48	8°36'41	8♋17	3°17	14°29	12°35	16°49	10°20	28°26	27° 3	4° 1	8°43	7°16	23°46	n.a.	F 14
S 15	16 41 45	9°33'57	20° 9	4°40	15°43	13°12	17° 2	10°18	28°29	27° 5	4° 1	8°37	7°12	23°53	n.a.	S 15
S 16	16 45 41	10°31'13	2♌ 7	6° 1	16°57	13°50	17°16	10°17	28°33	27° 6	4° 0	8°32	7° 9	24° 0	n.a.	S 16
M17	16 49 38	11°28'30	14°12	7°19	18°11	14°28	17°29	10°16	28°37	27° 8	3°59	8°28	7° 6	24° 6	n.a.	M17
T 18	16 53 34	12°25'48	26°30	8°36	19°25	15° 5	17°42	10°15	28°40	27°10	3°59	8°26	7° 3	24°13	n.a.	T 18
W19	16 57 31	13°23'06	9♍ 3	9°50	20°39	15°43	17°55	10°14	28°44	27°12	3°58	8°D25	7° 0	24°20	n.a.	W19
T 20	17 1 27	14°20'25	21°55	11° 2	21°53	16°21	18° 8	10°14	28°48	27°13	3°57	8°25	6°56	24°27	n.a.	T 20
F 21	17 5 24	15°17'45	5♎11	12°12	23° 7	16°59	18°22	10°13	28°51	27°15	3°57	8°26	6°53	24°33	n.a.	F 21
S 22	17 9 20	16°15'05	18°52	13°19	24°21	17°36	18°35	10°12	28°55	27°16	3°56	8°27	6°50	24°40	n.a.	S 22
S 23	17 13 17	17°12'27	3♏ 1	14°23	25°35	18°14	18°48	10°12	28°59	27°18	3°55	8°R28	6°47	24°47	n.a.	S 23
M24	17 17 14	18° 9'49	17°35	15°25	26°49	18°52	19° 1	10°11	29° 2	27°20	3°54	8°28	6°44	24°53	n.a.	M24
T 25	17 21 10	19° 7'12	2♐32	16°25	28° 3	19°30	19°15	10°11	29° 6	27°21	3°54	8°26	6°41	25° 0	n.a.	T 25
W26	17 25 7	20° 4'37	17°43	17°21	29°17	20° 8	19°28	10°11	29°10	27°23	3°53	8°22	6°37	25° 7	n.a.	W26
T 27	17 29 3	21° 2'03	3♑ 0	18°15	0♋31	20°46	19°41	10°11	29°13	27°24	3°52	8°17	6°34	25°13	n.a.	T 27
F 28	17 33 0	21°59'30	18°11	19° 5	1°45	21°24	19°54	10°D11	29°17	27°26	3°51	8°11	6°31	25°20	n.a.	F 28
S 29	17 36 56	22°56'58	3♒ 7	19°52	2°59	22° 2	20° 8	10°11	29°21	27°27	3°50	8° 4	6°28	25°27	n.a.	S 29
S 30	17 40 53	23♊54'28	17♒40	20♋35	4♋13	22♋40	20♊21	10♎11	29♊24	27♈29	3♒49	7♉59	6♉25	25♊33	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n39	26s42	5s 5	24n38	1n58	20n32	0n22	25n 7	1n20	23n 7	0n15	1s55	2n37	24n15	0n24	8n42	1s53	34s 0	14s55	14n43	14n24	27n14		n.a.
S 2	19 52	23 35	5 16	24 50	1 57	20 50	0 24	25 5	1 20	23 9	0 15	1 55	2 36	24 15	0 24	8 43	1 53	34 0	14 56	14 43	14 23	27 15		n.a.
M 3	20 6	19 11	5 7	25 1	1 56	21 8	0 26	25 4	1 20	23 11	0 15	1 54	2 36	24 15	0 24	8 43	1 53	34 0	14 56	14 42	14 22	27 16		n.a.
T 4	20 18	13 55	4 42	25 10	1 53	21 26	0 29	25 2	1 19	23 12	0 15	1 53	2 36	24 15	0 24	8 44	1 53	34 1	14 56	14 42	14 21	27 17		n.a.
W 5	20 31	8 9	4 2	25 16	1 51	21 43	0 31	24 59	1 19	23 14	0 15	1 53	2 36	24 15	0 24	8 45	1 53	34 1	14 57	14 43	14 20	27 18		n.a.
T 6	20 43	2 11	3 11	25 20	1 47	21 59	0 33	24 57	1 19	23 16	0 15	1 52	2 35	24 15	0 24	8 45	1 53	34 2	14 57	14 43	14 19	27 19		n.a.
F 7	20 55	3n44	2 11	25 23	1 44	22 15	0 35	24 55	1 19	23 17	0 15	1 52	2 35	24 15	0 24	8 46	1 53	34 2	14 57	14 44	14 18	27 20		n.a.
S 8	21 6	9 25	1 7	25 23	1 39	22 30	0 37	24 52	1 18	23 19	0 15	1 51	2 35	24 15	0 24	8 47	1 53	34 3	14 58	14 44	14 17	27 21		n.a.
S 9	21 17	14 41	0 1	25 22	1 35	22 44	0 40	24 49	1 18	23 20	0 15	1 51	2 35	24 15	0 24	8 47	1 53	34 3	14 58	14 44	14 16	27 22		n.a.
M10	21 28	19 19	1n 5	25 19	1 29	22 58	0 42	24 46	1 18	23 22	0 16	1 50	2 35	24 15	0 24	8 48	1 53	34 4	14 58	14 44	14 15	27 23		n.a.
T 11	21 39	23 9	2 7	25 15	1 23	23 11	0 44	24 43	1 18	23 23	0 16	1 50	2 34	24 15	0 24	8 49	1 53	34 4	14 59	14 43	14 14	27 24		n.a.
W12	21 49	25 59	3 3	25 9	1 17	23 23	0 46	24 39	1 17	23 25	0 16	1 49	2 34	24 15	0 24	8 49	1 53	34 4	14 59	14 42	14 13	27 25		n.a.
T 13	21 58	27 40	3 51	25 1	1 11	23 35	0 48	24 35	1 17	23 26	0 16	1 49	2 34	24 15	0 24	8 50	1 53	34 5	14 59	14 41	14 12	27 26		n.a.
F 14	22 8	28 5	4 29	24 53	1 3	23 46	0 50	24 32	1 17	23 28	0 16	1 49	2 34	24 15	0 24	8 50	1 53	34 5	15 0	14 39	14 11	27 27		n.a.
S 15	22 17	27 12	4 56	24 43	0 56	23 56	0 52	24 28	1 16	23 29	0 16	1 48	2 33	24 15	0 24	8 51	1 53	34 6	15 0	14 38	14 10	27 28		n.a.
S 16	22 25	25 4	5 10	24 31	0 48	24 6	0 54	24 24	1 16	23 30	0 16	1 48	2 33	24 15	0 24	8 52	1 53	34 6	15 0	14 36	14 8	27 29		n.a.
M17	22 33	21 47	5 10	24 19	0 40	24 15	0 56	24 19	1 16	23 32	0 16	1 48	2 33	24 16	0 24	8 52	1 54	34 7	15 1	14 35	14 7	27 30		n.a.
T 18	22 41	17 32	4 56	24 5	0 31	24 23	0 57	24 15	1 16	23 33	0 16	1 48	2 32	24 16	0 24	8 53	1 54	34 7	15 1	14 34	14 6	27 30		n.a.
W19	22 48	12 27	4 28	23 51	0 22	24 31	0 59	24 10	1 15	23 34	0 16	1 48	2 32	24 16	0 24	8 53	1 54	34 8	15 1	14 33	14 5	27 31		n.a.
T 20	22 55	6 43	3 46	23 36	0 12	24 37	1 1	24 5	1 15	23 36	0 17	1 48	2 32	24 16	0 24	8 54	1 54	34 8	15 2	14 33	14 4	27 32		n.a.
F 21	23 2	0 31	2 51	23 20	0 3	24 43	1 3	24 0	1 15	23 37	0 17	1 48	2 32	24 16	0 24	8 55	1 54	34 9	15 2	14 34	14 3	27 33		n.a.
S 22	23 8	5s55	1 45	23 4	0s 7	24 49	1 4	23 55	1 15	23 38	0 17	1 48	2 31	24 16	0 24	8 55	1 54	34 9	15 2	14 34	14 2	27 34		n.a.
S 23	23 14	12 16	0 30	22 46	0 18	24 53	1 6	23 49	1 14	23 40	0 17	1 48	2 31	24 16	0 24	8 56	1 54	34 10	15 2	14 35	14 1	27 35		n.a.
M24	23 19	18 10	0s49	22 29	0 29	24 57	1 7	23 44	1 14	23 41	0 17	1 48	2 31	24 16	0 24	8 56	1 54	34 10	15 3	14 34	14 0	27 36		n.a.
T 25	23 24	23 6	2 7	22 11	0 39	25 0	1 9	23 38	1 14	23 42	0 17	1 48	2 31	24 16	0 24	8 57	1 54	34 11	15 3	14 34	13 59	27 37		n.a.
W26	23 29	26 33	3 16	21 53	0 51	25 2	1 10	23 32	1 13	23 43	0 17	1 48	2 30	24 16	0 24	8 57	1 54	34 11	15 3	14 33	13 58	27 37		n.a.
T 27	23 33	28 2	4 12	21 34	1 2	25 3	1 12	23 26	1 13	23 44	0 17	1 48	2 30	24 16	0 24	8 58	1 54	34 12	15 4	14 31	13 57	27 38		n.a.
F 28	23 37	27 23	4 50	21 16	1 14	25 4	1 13	23 19	1 13	23 45	0 17	1 49	2 30	24 16	0 24	8 58	1 54	34 12	15 4	14 29	13 56	27 39		n.a.
S 29	23 40	24 47	5 7	20 57	1 25	25 4	1 15	23 13	1 12	23 47	0 17	1 49	2 30	24 16	0 24	8 59	1 54	34 13	15 4	14 27	13 55	27 40		n.a.
S 30	23n43	20s37	5s 4	20n39	1s37	25n 3	1n16	23n 6	1n12	23n48	0n18	1s49	2n29	24n16	0n24	8n59	1s54	34s13	15s 4	14n25	13n54	27n41		n.a.

Julian Day Number = 1209128.5, Delta T = 09h14m45s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'45, Lahiri = -23°18'45 Julian Calendar 1 June 1403 BCE == Greg. Calendar 19 May 1403 BCE

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

JULY 1403 BCE (-1402) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 44 50	24♊52'00	1♓46	21♋15	5♋28	23♋19	20♊34	10♎11	29♊28	27♈30	3°R48	7°R55	6♉22	25♊40	n.a.	M 1
T 2	17 48 46	25°49'33	15°23	21°51	6°42	23°57	20°47	10°12	29°32	27°31	3♒47	7♉53	6°18	25°47	n.a.	T 2
W 3	17 52 43	26°47'07	28°33	22°23	7°56	24°35	21° 1	10°12	29°36	27°33	3°47	7°D52	6°15	25°54	n.a.	W 3
T 4	17 56 39	27°44'44	11♈19	22°51	9°10	25°13	21°14	10°13	29°39	27°34	3°46	7°53	6°12	26° 0	n.a.	T 4
F 5	18 0 36	28°42'22	23°45	23°14	10°24	25°52	21°27	10°13	29°43	27°35	3°45	7°54	6° 9	26° 7	n.a.	F 5
S 6	18 4 32	29°40'01	5♉56	23°33	11°38	26°30	21°40	10°14	29°47	27°37	3°44	7°R55	6° 6	26°14	n.a.	S 6
S 7	18 8 29	0♋37'43	17°57	23°47	12°52	27° 9	21°53	10°15	29°51	27°38	3°43	7°54	6° 2	26°20	n.a.	S 7
M 8	18 12 25	1°35'26	29°51	23°55	14° 6	27°47	22° 6	10°16	29°54	27°39	3°42	7°52	5°59	26°27	n.a.	M 8
T 9	18 16 22	2°33'11	11♊41	23°R59	15°21	28°26	22°20	10°17	29°58	27°40	3°41	7°47	5°56	26°34	n.a.	T 9
W10	18 20 19	3°30'58	23°30	23°56	16°35	29° 4	22°33	10°18	0♋ 2	27°41	3°40	7°39	5°53	26°40	n.a.	W10
T 11	18 24 15	4°28'46	5♋20	23°48	17°49	29°43	22°46	10°19	0° 6	27°42	3°39	7°30	5°50	26°47	n.a.	T 11
F 12	18 28 12	5°26'36	17°13	23°35	19° 3	0♌21	22°59	10°20	0° 9	27°44	3°37	7°19	5°47	26°54	n.a.	F 12
S 13	18 32 8	6°24'27	29°11	23°15	20°17	1° 0	23°12	10°22	0°13	27°45	3°36	7° 8	5°43	27° 0	n.a.	S 13
S 14	18 36 5	7°22'20	11♌15	22°50	21°32	1°39	23°25	10°23	0°17	27°46	3°35	6°57	5°40	27° 7	n.a.	S 14
M15	18 40 1	8°20'15	23°27	22°19	22°46	2°18	23°38	10°25	0°20	27°47	3°34	6°48	5°37	27°14	n.a.	M15
T 16	18 43 58	9°18'11	5♍49	21°43	24° 0	2°57	23°51	10°27	0°24	27°48	3°33	6°41	5°34	27°21	n.a.	T 16
W17	18 47 54	10°16'08	18°23	21° 2	25°14	3°36	24° 4	10°28	0°28	27°49	3°32	6°37	5°31	27°27	n.a.	W17
T 18	18 51 51	11°14'07	1♎14	20°16	26°28	4°14	24°17	10°30	0°32	27°49	3°31	6°34	5°27	27°34	n.a.	T 18
F 19	18 55 48	12°12'08	14°24	19°26	27°43	4°53	24°30	10°32	0°35	27°50	3°30	6°D34	5°24	27°41	n.a.	F 19
S 20	18 59 44	13°10'10	27°56	18°33	28°57	5°32	24°43	10°34	0°39	27°51	3°29	6°34	5°21	27°47	n.a.	S 20
S 21	19 3 41	14° 8'13	11♏54	17°37	0♌11	6°11	24°56	10°36	0°43	27°52	3°27	6°R34	5°18	27°54	n.a.	S 21
M22	19 7 37	15° 6'18	26°16	16°41	1°25	6°51	25° 9	10°39	0°46	27°53	3°26	6°33	5°15	28° 1	n.a.	M22
T 23	19 11 34	16° 4'25	11♐ 2	15°44	2°39	7°30	25°21	10°41	0°50	27°54	3°25	6°29	5°12	28° 7	n.a.	T 23
W24	19 15 30	17° 2'33	26° 6	14°49	3°54	8° 9	25°34	10°43	0°54	27°54	3°24	6°23	5° 8	28°14	n.a.	W24
T 25	19 19 27	18° 0'44	11♑20	13°56	5° 8	8°48	25°47	10°46	0°57	27°55	3°23	6°15	5° 5	28°21	n.a.	T 25
F 26	19 23 23	18°58'56	26°33	13° 7	6°22	9°27	26° 0	10°49	1° 1	27°56	3°22	6° 4	5° 2	28°28	n.a.	F 26
S 27	19 27 20	19°57'10	11♒34	12°22	7°36	10° 7	26°12	10°51	1° 4	27°56	3°20	5°54	4°59	28°34	n.a.	S 27
S 28	19 31 17	20°55'26	26°15	11°44	8°51	10°46	26°25	10°54	1° 8	27°57	3°19	5°44	4°56	28°41	n.a.	S 28
M29	19 35 13	21°53'44	10♓28	11°12	10° 5	11°26	26°37	10°57	1°11	27°57	3°18	5°37	4°53	28°48	n.a.	M29
T 30	19 39 10	22°52'04	24°12	10°48	11°19	12° 5	26°50	11° 0	1°15	27°58	3°17	5°32	4°49	28°54	n.a.	T 30
W31	19 43 6	23♋50'27	7♈26	10♋31	12♌33	12♌45	27♊ 2	11♎ 3	1♋19	27♈58	3♒16	5♉29	4♉46	29♊ 1	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n46	15s25	4s42	20n21	1s50	25n 2	1n17	22n59	1n12	23n49	0n18	1s50	2n29	24n16	0n24	9n 0	1s54	34s13	15s 5	14n24	13n53	27n42			n.a.
T 2	23 48	9 37	4 5	20 3	2 2	24 59	1 18	22 52	1 12	23 50	0 18	1 50	2 29	24 16	0 24	9 0	1 54	34 14	15 5	14 23	13 51	27 42			n.a.
W 3	23 49	3 34	3 16	19 46	2 14	24 56	1 19	22 45	1 11	23 51	0 18	1 50	2 28	24 16	0 24	9 1	1 54	34 14	15 5	14 23	13 50	27 43			n.a.
T 4	23 51	2n26	2 18	19 29	2 26	24 52	1 20	22 38	1 11	23 52	0 18	1 51	2 28	24 16	0 24	9 1	1 54	34 15	15 5	14 23	13 49	27 44			n.a.
F 5	23 51	8 13	1 16	19 13	2 38	24 48	1 21	22 30	1 11	23 53	0 18	1 51	2 28	24 16	0 24	9 1	1 54	34 15	15 6	14 23	13 48	27 45			n.a.
S 6	23 52	13 34	0 11	18 58	2 50	24 42	1 22	22 22	1 10	23 54	0 18	1 52	2 28	24 16	0 24	9 2	1 54	34 16	15 6	14 24	13 47	27 46			n.a.
S 7	23 52	18 20	0n54	18 45	3 2	24 36	1 23	22 14	1 10	23 55	0 18	1 52	2 27	24 16	0 24	9 2	1 54	34 16	15 6	14 23	13 46	27 46			n.a.
M 8	23 51	22 21	1 55	18 32	3 13	24 29	1 24	22 6	1 10	23 56	0 18	1 53	2 27	24 16	0 24	9 3	1 54	34 17	15 6	14 23	13 45	27 47			n.a.
T 9	23 50	25 24	2 51	18 20	3 25	24 22	1 25	21 58	1 9	23 57	0 19	1 54	2 27	24 16	0 24	9 3	1 55	34 17	15 6	14 21	13 44	27 48			n.a.
W10	23 49	27 21	3 39	18 10	3 35	24 13	1 25	21 50	1 9	23 57	0 19	1 54	2 27	24 16	0 24	9 3	1 55	34 18	15 7	14 19	13 43	27 49			n.a.
T 11	23 47	28 3	4 18	18 2	3 45	24 4	1 26	21 41	1 9	23 58	0 19	1 55	2 26	24 16	0 24	9 4	1 55	34 18	15 7	14 15	13 42	27 49			n.a.
F 12	23 45	27 27	4 45	17 55	3 55	23 54	1 26	21 32	1 8	23 59	0 19	1 56	2 26	24 16	0 24	9 4	1 55	34 19	15 7	14 12	13 41	27 50			n.a.
S 13	23 42	25 35	5 1	17 50	4 3	23 44	1 27	21 24	1 8	24 0	0 19	1 57	2 26	24 16	0 24	9 4	1 55	34 19	15 7	14 8	13 40	27 51			n.a.
S 14	23 39	22 33	5 3	17 46	4 10	23 32	1 27	21 14	1 8	24 1	0 19	1 58	2 25	24 16	0 24	9 5	1 55	34 20	15 7	14 5	13 39	27 51			n.a.
M15	23 36	18 30	4 51	17 45	4 17	23 20	1 28	21 5	1 7	24 2	0 19	1 58	2 25	24 16	0 24	9 5	1 55	34 20	15 8	14 2	13 38	27 52			n.a.
T 16	23 32	13 39	4 26	17 46	4 22	23 8	1 28	20 56	1 7	24 2	0 19	1 59	2 25	24 16	0 24	9 5	1 55	34 21	15 8	13 59	13 36	27 53			n.a.
W17	23 27	8 8	3 47	17 49	4 25	22 54	1 28	20 46	1 7	24 3	0 19	2 0	2 25	24 16	0 24	9 6	1 55	34 21	15 8	13 58	13 35	27 54			n.a.
T 18	23 23	2 11	2 56	17 54	4 27	22 40	1 28	20 36	1 6	24 4	0 20	2 1	2 24	24 16	0 25	9 6	1 55	34 21	15 8	13 57	13 34	27 54			n.a.
F 19	23 17	4s 1	1 55	18 1	4 27	22 26	1 28	20 27	1 6	24 4	0 20	2 2	2 24	24 16	0 25	9 6	1 55	34 22	15 8	13 57	13 33	27 55			n.a.
S 20	23 12	10 13	0 46	18 10	4 25	22 10	1 28	20 17	1 5	24 5	0 20	2 3	2 24	24 16	0 25	9 6	1 55	34 22	15 8	13 57	13 32	27 56			n.a.
S 21	23 6	16 7	0s28	18 21	4 22	21 54	1 28	20 6	1 5	24 6	0 20	2 4	2 24	24 16	0 25	9 7	1 55	34 23	15 9	13 57	13 31	27 56			n.a.
M22	22 59	21 19	1 43	18 34	4 16	21 38	1 28	19 56	1 5	24 6	0 20	2 6	2 23	24 16	0 25	9 7	1 55	34 23	15 9	13 56	13 30	27 57			n.a.
T 23	22 52	25 20	2 52	18 48	4 8	21 20	1 28	19 45	1 4	24 7	0 20	2 7	2 23	24 16	0 25	9 7	1 55	34 24	15 9	13 55	13 29	27 57			n.a.
W24	22 45	27 39	3 51	19 4	3 59	21 2	1 28	19 35	1 4	24 7	0 20	2 8	2 23	24 16	0 25	9 7	1 55	34 24	15 9	13 53	13 28	27 58			n.a.
T 25	22 38	27 55	4 34	19 21	3 48	20 44	1 27	19 24	1 4	24 8	0 20	2 9	2 23	24 16	0 25	9 7	1 55	34 25	15 9	13 50	13 27	27 59			n.a.
F 26	22 29	26 4	4 57	19 38	3 35	20 25	1 27	19 13	1 3	24 8	0 20	2 10	2 22	24 16	0 25	9 8	1 56	34 25	15 9	13 47	13 26	27 59			n.a.
S 27	22 21	22 24	5 0	19 57	3 20	20 5	1 27	19 2	1 3	24 9	0 21	2 12	2 22	24 16	0 25	9 8	1 56	34 25	15 9	13 43	13 25	28 0			n.a.
S 28	22 12	17 24	4 43	20 16	3 5	19 45	1 26	18 51	1 3	24 9	0 21	2 13	2 22	24 16	0 25	9 8	1 56	34 26	15 9	13 40	13 24	28 1			n.a.
M29	22 3	11 35	4 8	20 36	2 48	19 24	1 25	18 39	1 2	24 10	0 21	2 14	2 22	24 16	0 25	9 8	1 56	34 26	15 10	13 38	13 22	28 1			n.a.
T 30	21 53	5 24	3 20	20 55	2 30	19 3	1 25	18 28	1 2	24 10	0 21	2 16	2 21	24 16	0 25	9 8	1 56	34 27	15 10	13 36	13 21	28 2			n.a.
W31	21n43	0n49	2s23	21n14	2s12	18n41	1n24	18n16	1n 1	24n11	0n21	2s17	2n21	24n16	0n25	9n 8	1s56	34s27	15s10	13n35	13n20	28n 2			n.a.

Julian Day Number = 1209158.5, Delta T = 09h14m43s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'41, Lahiri = -23°18'41 Julian Calendar 1 July 1403 BCE == Greg. Calendar 18 June 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

AUGUST 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 47 3	24♋48'52	20♈14	10°D24	13♌47	13♌24	27♊15	11♎ 6	1♋22	27♈59	3°R14	5°R28	4♉43	29♊ 8	n.a.	T 1
F 2	19 50 59	25°47'19	2♉40	10♋26	15° 2	14° 4	27°27	11° 9	1°26	27°59	3♒13	5♉28	4°40	29°14	n.a.	F 2
S 3	19 54 56	26°45'48	14°49	10°37	16°16	14°43	27°40	11°12	1°29	28° 0	3°12	5°28	4°37	29°21	n.a.	S 3
S 4	19 58 52	27°44'20	26°47	10°56	17°30	15°23	27°52	11°16	1°33	28° 0	3°11	5°26	4°33	29°28	n.a.	S 4
M 5	20 2 49	28°42'54	8♊38	11°25	18°44	16° 3	28° 4	11°19	1°36	28° 0	3° 9	5°22	4°30	29°34	n.a.	M 5
T 6	20 6 45	29°41'31	20°26	12° 3	19°58	16°43	28°16	11°23	1°39	28° 1	3° 8	5°16	4°27	29°41	n.a.	T 6
W 7	20 10 42	0♌40'10	2♋16	12°49	21°13	17°22	28°29	11°26	1°43	28° 1	3° 7	5° 6	4°24	29°48	n.a.	W 7
T 8	20 14 39	1°38'51	14°10	13°43	22°27	18° 2	28°41	11°30	1°46	28° 1	3° 6	4°55	4°21	29°55	n.a.	T 8
F 9	20 18 35	2°37'34	26°10	14°45	23°41	18°42	28°53	11°34	1°50	28° 1	3° 5	4°41	4°18	0♋ 1	n.a.	F 9
S 10	20 22 32	3°36'19	8♌17	15°54	24°55	19°22	29° 5	11°38	1°53	28° 2	3° 3	4°27	4°14	0° 8	n.a.	S 10
S 11	20 26 28	4°35'06	20°32	17° 9	26° 9	20° 2	29°17	11°42	1°56	28° 2	3° 2	4°13	4°11	0°15	n.a.	S 11
M12	20 30 25	5°33'56	2♍56	18°29	27°24	20°42	29°29	11°46	1°59	28° 2	3° 1	4° 1	4° 8	0°21	n.a.	M12
T 13	20 34 21	6°32'47	15°30	19°55	28°38	21°22	29°40	11°50	2° 3	28° 2	3° 0	3°51	4° 5	0°28	n.a.	T 13
W14	20 38 18	7°31'40	28°14	21°25	29°52	22° 3	29°52	11°54	2° 6	28°R 2	2°58	3°45	4° 2	0°35	n.a.	W14
T 15	20 42 14	8°30'36	11♎11	22°59	1♍ 6	22°43	0♋ 4	11°58	2° 9	28° 2	2°57	3°41	3°59	0°41	n.a.	T 15
F 16	20 46 11	9°29'33	24°23	24°37	2°20	23°23	0°15	12° 2	2°12	28° 2	2°56	3°40	3°55	0°48	n.a.	F 16
S 17	20 50 8	10°28'32	7♏52	26°17	3°34	24° 3	0°27	12° 7	2°15	28° 2	2°55	3°40	3°52	0°55	n.a.	S 17
S 18	20 54 4	11°27'33	21°41	27°59	4°49	24°44	0°38	12°11	2°19	28° 2	2°53	3°40	3°49	1° 2	n.a.	S 18
M19	20 58 1	12°26'36	5♐49	29°44	6° 3	25°24	0°50	12°16	2°22	28° 2	2°52	3°38	3°46	1° 8	n.a.	M19
T 20	21 1 57	13°25'41	20°18	1♑29	7°17	26° 5	1° 1	12°20	2°25	28° 1	2°51	3°34	3°43	1°15	n.a.	T 20
W21	21 5 54	14°24'48	5♑ 3	3°16	8°31	26°45	1°13	12°25	2°28	28° 1	2°50	3°28	3°39	1°22	n.a.	W21
T 22	21 9 50	15°23'57	19°58	5° 3	9°45	27°26	1°24	12°30	2°31	28° 1	2°49	3°19	3°36	1°28	n.a.	T 22
F 23	21 13 47	16°23'07	4♒56	6°51	10°59	28° 6	1°35	12°34	2°34	28° 1	2°47	3° 8	3°33	1°35	n.a.	F 23
S 24	21 17 43	17°22'20	19°47	8°39	12°13	28°47	1°46	12°39	2°37	28° 0	2°46	2°57	3°30	1°42	n.a.	S 24
S 25	21 21 40	18°21'35	4♓22	10°27	13°27	29°28	1°57	12°44	2°39	28° 0	2°45	2°47	3°27	1°49	n.a.	S 25
M26	21 25 36	19°20'53	18°34	12°15	14°41	0♍ 8	2° 8	12°49	2°42	28° 0	2°44	2°38	3°24	1°55	n.a.	M26
T 27	21 29 33	20°20'12	2♈19	14° 3	15°55	0°49	2°18	12°54	2°45	27°59	2°43	2°32	3°20	2° 2	n.a.	T 27
W28	21 33 30	21°19'34	15°37	15°51	17° 9	1°30	2°29	12°59	2°48	27°59	2°42	2°29	3°17	2° 9	n.a.	W28
T 29	21 37 26	22°18'59	28°29	17°38	18°23	2°11	2°40	13° 5	2°51	27°58	2°40	2°D28	3°14	2°15	n.a.	T 29
F 30	21 41 23	23°18'26	10♉58	19°24	19°37	2°52	2°50	13°10	2°53	27°58	2°39	2°28	3°11	2°22	n.a.	F 30
S 31	21 45 19	24♌17'55	23♉ 9	21♌10	20♍51	3♍33	3♋ 1	13♎15	2♋56	27♈57	2♒38	2°R28	3♉ 8	2♋29	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	21n33	6n49	1s20	21n33	1s54	18n18	1n23	18n 4	1n 1	24n11	0n21	2s19	2n21	24n16	0n25	9n 9	1s56	34s27	15s10	13n35	13n19	28n 3			n.a.
F 2	21 22	12 23	0 15	21 51	1 36	17 55	1 22	17 52	1 1	24 12	0 21	2 20	2 21	24 16	0 25	9 9	1 56	34 28	15 10	13 35	13 18	28 3			n.a.
S 3	21 10	17 21	0n49	22 9	1 18	17 32	1 21	17 40	1 0	24 12	0 22	2 22	2 20	24 16	0 25	9 9	1 56	34 28	15 10	13 34	13 17	28 4			n.a.
S 4	20 59	21 34	1 50	22 25	1 0	17 8	1 20	17 27	1 0	24 12	0 22	2 23	2 20	24 16	0 25	9 9	1 56	34 29	15 10	13 34	13 16	28 4			n.a.
M 5	20 47	24 51	2 46	22 40	0 42	16 44	1 19	17 15	0 59	24 13	0 22	2 25	2 20	24 16	0 25	9 9	1 56	34 29	15 10	13 33	13 15	28 5			n.a.
T 6	20 34	27 4	3 34	22 53	0 25	16 19	1 18	17 2	0 59	24 13	0 22	2 27	2 20	24 16	0 25	9 9	1 56	34 29	15 10	13 30	13 14	28 6			n.a.
W 7	20 22	28 3	4 12	23 5	0 9	15 54	1 17	16 50	0 59	24 13	0 22	2 28	2 19	24 16	0 25	9 9	1 56	34 30	15 10	13 27	13 13	28 6			n.a.
T 8	20 9	27 44	4 40	23 14	0n 6	15 28	1 16	16 37	0 58	24 13	0 22	2 30	2 19	24 16	0 25	9 9	1 56	34 30	15 10	13 23	13 12	28 7			n.a.
F 9	19 55	26 8	4 56	23 22	0 20	15 2	1 14	16 24	0 58	24 14	0 22	2 32	2 19	24 16	0 25	9 9	1 56	34 30	15 10	13 18	13 11	28 7			n.a.
S 10	19 41	23 19	4 59	23 27	0 33	14 35	1 13	16 11	0 57	24 14	0 22	2 33	2 19	24 16	0 25	9 9	1 56	34 31	15 10	13 14	13 9	28 8			n.a.
S 11	19 27	19 26	4 48	23 30	0 46	14 8	1 12	15 58	0 57	24 14	0 23	2 35	2 18	24 16	0 25	9 9	1 56	34 31	15 10	13 9	13 8	28 8			n.a.
M12	19 13	14 41	4 23	23 30	0 57	13 41	1 10	15 44	0 57	24 14	0 23	2 37	2 18	24 16	0 25	9 9	1 57	34 31	15 10	13 5	13 7	28 9			n.a.
T 13	18 58	9 16	3 45	23 27	1 7	13 13	1 8	15 31	0 56	24 15	0 23	2 39	2 18	24 16	0 25	9 9	1 57	34 32	15 10	13 1	13 6	28 9			n.a.
W14	18 43	3 23	2 55	23 22	1 16	12 45	1 7	15 17	0 56	24 15	0 23	2 41	2 18	24 16	0 25	9 9	1 57	34 32	15 10	12 59	13 5	28 9			n.a.
T 15	18 27	2s44	1 56	23 14	1 24	12 17	1 5	15 3	0 55	24 15	0 23	2 42	2 18	24 16	0 25	9 9	1 57	34 32	15 10	12 58	13 4	28 10			n.a.
F 16	18 11	8 52	0 49	23 4	1 30	11 48	1 3	14 49	0 55	24 15	0 23	2 44	2 17	24 16	0 25	9 9	1 57	34 33	15 10	12 58	13 3	28 10			n.a.
S 17	17 55	14 44	0s22	22 50	1 36	11 20	1 2	14 35	0 55	24 15	0 23	2 46	2 17	24 16	0 25	9 9	1 57	34 33	15 10	12 57	13 2	28 11			n.a.
S 18	17 39	20 1	1 34	22 35	1 41	10 50	1 0	14 21	0 54	24 15	0 24	2 48	2 17	24 16	0 25	9 9	1 57	34 33	15 10	12 57	13 1	28 11			n.a.
M19	17 22	24 18	2 41	22 17	1 45	10 21	0 58	14 7	0 54	24 15	0 24	2 50	2 17	24 16	0 25	9 8	1 57	34 34	15 10	12 57	13 0	28 12			n.a.
T 20	17 5	27 9	3 40	21 56	1 48	9 51	0 56	13 53	0 53	24 15	0 24	2 52	2 16	24 15	0 25	9 8	1 57	34 34	15 10	12 56	12 58	28 12			n.a.
W21	16 48	28 11	4 25	21 33	1 50	9 21	0 54	13 38	0 53	24 15	0 24	2 54	2 16	24 15	0 25	9 8	1 57	34 34	15 10	12 53	12 57	28 12			n.a.
T 22	16 30	27 10	4 53	21 9	1 52	8 51	0 52	13 24	0 52	24 15	0 24	2 56	2 16	24 15	0 25	9 8	1 57	34 34	15 10	12 50	12 56	28 13			n.a.
F 23	16 12	24 13	5 1	20 42	1 52	8 20	0 49	13 9	0 52	24 15	0 24	2 58	2 16	24 15	0 25	9 8	1 57	34 35	15 10	12 47	12 55	28 13			n.a.
S 24	15 54	19 41	4 48	20 13	1 52	7 49	0 47	12 54	0 51	24 15	0 24	3 1	2 16	24 15	0 25	9 8	1 57	34 35	15 10	12 43	12 54	28 14			n.a.
S 25	15 36	14 3	4 17	19 43	1 52	7 18	0 45	12 39	0 51	24 15	0 25	3 3	2 15	24 15	0 25	9 8	1 57	34 35	15 10	12 39	12 53	28 14			n.a.
M26	15 17	7 49	3 30	19 11	1 51	6 47	0 43	12 24	0 51	24 15	0 25	3 5	2 15	24 15	0 25	9 7	1 57	34 35	15 10	12 36	12 52	28 14			n.a.
T 27	14 58	1 23	2 33	18 38	1 49	6 16	0 40	12 9	0 50	24 15	0 25	3 7	2 15	24 15	0 25	9 7	1 57	34 36	15 10	12 34	12 51	28 15			n.a.
W28	14 39	4n54	1 28	18 4	1 47	5 45	0 38	11 54	0 50	24 15	0 25	3 9	2 15	24 15	0 25	9 7	1 58	34 36	15 10	12 33	12 50	28 15			n.a.
T 29	14 19	10 48	0 21	17 28	1 44	5 13	0 36	11 39	0 49	24 15	0 25	3 11	2 15	24 15	0 25	9 7	1 58	34 36	15 10	12 32	12 49	28 15			n.a.
F 30	13 59	16 5	0n45	16 51	1 41	4 41	0 33	11 23	0 49	24 15	0 25	3 14	2 14	24 15	0 25	9 6	1 58	34 36	15 9	12 32	12 47	28 16			n.a.
S 31	13n39	20n37	1n48	16n14	1n37	4n 9	0n31	11n 8	0n48	24n15	0n26	3s16	2n14	24n15	0n25	9n 6	1s58	34s36	15s 9	12n33	12n46	28n16			n.a.

Julian Day Number = 1209189.5, Delta T = 09h14m41s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'37, Lahiri = -23°18'36 Julian Calendar 1 Aug. 1403 BCE == Greg. Calendar 19 July 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

SEPTEMBER 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 49 16	25♌17'27	5♊ 8	22♌55	22♍ 5	4♍14	3♋11	13♎20	2♋59	27°R57	2°R37	2°R28	3♉ 5	2♋35	n.a.	S 1
M 2	21 53 12	26°17'02	17° 0	24°40	23°19	4°55	3°21	13°26	3° 1	27♈56	2♒36	2♉25	3° 1	2°42	n.a.	M 2
T 3	21 57 9	27°16'39	28°49	26°24	24°33	5°36	3°32	13°31	3° 4	27°56	2°35	2°21	2°58	2°49	n.a.	T 3
W 4	22 1 5	28°16'18	10♋42	28° 7	25°47	6°17	3°42	13°37	3° 6	27°55	2°34	2°13	2°55	2°56	n.a.	W 4
T 5	22 5 2	29°15'59	22°40	29°50	27° 1	6°59	3°52	13°42	3° 9	27°54	2°33	2° 4	2°52	3° 2	n.a.	T 5
F 6	22 8 59	0♍15'43	4♌46	1♍32	28°15	7°40	4° 2	13°48	3°11	27°53	2°31	1°53	2°49	3° 9	n.a.	F 6
S 7	22 12 55	1°15'29	17° 4	3°13	29°29	8°21	4°11	13°54	3°14	27°53	2°30	1°41	2°45	3°16	n.a.	S 7
S 8	22 16 52	2°15'18	29°33	4°53	0♎43	9° 3	4°21	14° 0	3°16	27°52	2°29	1°30	2°42	3°22	n.a.	S 8
M 9	22 20 48	3°15'08	12♍14	6°33	1°57	9°44	4°31	14° 5	3°18	27°51	2°28	1°20	2°39	3°29	n.a.	M 9
T 10	22 24 45	4°15'01	25° 6	8°13	3°10	10°26	4°40	14°11	3°21	27°50	2°27	1°12	2°36	3°36	n.a.	T 10
W11	22 28 41	5°14'55	8♎ 9	9°51	4°24	11° 7	4°49	14°17	3°23	27°49	2°26	1° 7	2°33	3°43	n.a.	W11
T 12	22 32 38	6°14'51	21°24	11°29	5°38	11°49	4°59	14°23	3°25	27°48	2°25	1° 5	2°30	3°49	n.a.	T 12
F 13	22 36 34	7°14'50	4♏50	13° 7	6°52	12°31	5° 8	14°29	3°27	27°48	2°24	1°D 4	2°26	3°56	n.a.	F 13
S 14	22 40 31	8°14'50	18°27	14°43	8° 6	13°12	5°17	14°35	3°29	27°47	2°23	1° 5	2°23	4° 3	n.a.	S 14
S 15	22 44 27	9°14'52	2♐16	16°20	9°19	13°54	5°26	14°41	3°31	27°46	2°22	1° 6	2°20	4° 9	n.a.	S 15
M16	22 48 24	10°14'56	16°18	17°55	10°33	14°36	5°34	14°47	3°33	27°45	2°21	1°R 6	2°17	4°16	n.a.	M16
T 17	22 52 21	11°15'01	0♑32	19°30	11°47	15°18	5°43	14°53	3°35	27°44	2°20	1° 4	2°14	4°23	n.a.	T 17
W18	22 56 17	12°15'09	14°56	21° 5	13° 1	16° 0	5°52	15° 0	3°37	27°42	2°20	1° 1	2°11	4°29	n.a.	W18
T 19	23 0 14	13°15'18	29°26	22°39	14°14	16°41	6° 0	15° 6	3°39	27°41	2°19	0°55	2° 7	4°36	n.a.	T 19
F 20	23 4 10	14°15'28	13♒57	24°13	15°28	17°23	6° 8	15°12	3°41	27°40	2°18	0°48	2° 4	4°43	n.a.	F 20
S 21	23 8 7	15°15'41	28°23	25°46	16°42	18° 5	6°16	15°19	3°43	27°39	2°17	0°40	2° 1	4°50	n.a.	S 21
S 22	23 12 3	16°15'55	12♓37	27°19	17°55	18°48	6°24	15°25	3°44	27°38	2°16	0°33	1°58	4°56	n.a.	S 22
M23	23 16 0	17°16'11	26°35	28°51	19° 9	19°30	6°32	15°31	3°46	27°37	2°15	0°27	1°55	5° 3	n.a.	M23
T 24	23 19 56	18°16'29	10♈11	0♎23	20°22	20°12	6°40	15°38	3°47	27°36	2°14	0°23	1°51	5°10	n.a.	T 24
W25	23 23 53	19°16'49	23°25	1°54	21°36	20°54	6°48	15°44	3°49	27°34	2°14	0°22	1°48	5°16	n.a.	W25
T 26	23 27 49	20°17'11	6♉17	3°25	22°49	21°36	6°55	15°51	3°51	27°33	2°13	0°D21	1°45	5°23	n.a.	T 26
F 27	23 31 46	21°17'35	18°48	4°55	24° 3	22°19	7° 3	15°57	3°52	27°32	2°12	0°23	1°42	5°30	n.a.	F 27
S 28	23 35 43	22°18'02	1♊ 2	6°25	25°16	23° 1	7°10	16° 4	3°53	27°30	2°11	0°24	1°39	5°37	n.a.	S 28
S 29	23 39 39	23°18'30	13° 3	7°55	26°30	23°44	7°17	16°10	3°55	27°29	2°11	0°26	1°36	5°43	n.a.	S 29
M30	23 43 36	24♍19'00	24♊57	9♎24	27♎43	24♍26	7♋24	16♎17	3♋56	27♈28	2♒10	0°R26	1♉32	5♋50	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	13n19	24n14	2n45	15n35	1n33	3n37	0n28	10n52	0n48	24n15	0n26	3s18	2n14	24n15	0n25	9n 6	1s58	34s37	15s 9	12n32	12n45	28n16		n.a.
M 2	12 59	26 45	3 34	14 56	1 29	3 5	0 25	10 36	0 47	24 15	0 26	3 20	2 14	24 15	0 25	9 6	1 58	34 37	15 9	12 32	12 44	28 17		n.a.
T 3	12 38	28 5	4 13	14 16	1 24	2 33	0 23	10 21	0 47	24 15	0 26	3 23	2 14	24 15	0 25	9 5	1 58	34 37	15 9	12 30	12 43	28 17		n.a.
W 4	12 17	28 7	4 42	13 35	1 20	2 1	0 20	10 5	0 46	24 15	0 26	3 25	2 14	24 15	0 25	9 5	1 58	34 37	15 9	12 27	12 42	28 17		n.a.
T 5	11 56	26 50	4 59	12 54	1 15	1 28	0 18	9 49	0 46	24 15	0 26	3 27	2 13	24 15	0 26	9 5	1 58	34 37	15 9	12 24	12 41	28 18		n.a.
F 6	11 35	24 18	5 3	12 12	1 9	0 56	0 15	9 33	0 45	24 15	0 27	3 30	2 13	24 15	0 26	9 5	1 58	34 37	15 9	12 20	12 40	28 18		n.a.
S 7	11 13	20 38	4 52	11 30	1 4	0 24	0 12	9 16	0 45	24 14	0 27	3 32	2 13	24 15	0 26	9 4	1 58	34 37	15 8	12 16	12 39	28 18		n.a.
S 8	10 51	16 0	4 28	10 47	0 58	0s 9	0 9	9 0	0 44	24 14	0 27	3 35	2 13	24 15	0 26	9 4	1 58	34 38	15 8	12 12	12 38	28 18		n.a.
M 9	10 29	10 38	3 50	10 4	0 52	0 41	0 6	8 44	0 44	24 14	0 27	3 37	2 13	24 15	0 26	9 4	1 58	34 38	15 8	12 9	12 36	28 19		n.a.
T 10	10 7	4 44	3 0	9 21	0 46	1 14	0 4	8 27	0 43	24 14	0 27	3 40	2 13	24 15	0 26	9 3	1 58	34 38	15 8	12 6	12 35	28 19		n.a.
W11	9 45	1s28	2 0	8 38	0 40	1 46	0 1	8 11	0 43	24 14	0 27	3 42	2 12	24 15	0 26	9 3	1 58	34 38	15 8	12 4	12 34	28 19		n.a.
T 12	9 23	7 41	0 52	7 54	0 34	2 18	0s 2	7 54	0 42	24 14	0 28	3 44	2 12	24 15	0 26	9 2	1 58	34 38	15 8	12 3	12 33	28 19		n.a.
F 13	9 0	13 40	0s20	7 10	0 28	2 51	0 5	7 38	0 42	24 13	0 28	3 47	2 12	24 15	0 26	9 2	1 58	34 38	15 7	12 3	12 32	28 19		n.a.
S 14	8 37	19 6	1 32	6 27	0 21	3 23	0 8	7 21	0 41	24 13	0 28	3 49	2 12	24 15	0 26	9 2	1 58	34 38	15 7	12 3	12 31	28 20		n.a.
S 15	8 14	23 35	2 40	5 43	0 15	3 55	0 11	7 4	0 41	24 13	0 28	3 52	2 12	24 15	0 26	9 1	1 58	34 38	15 7	12 4	12 30	28 20		n.a.
M16	7 51	26 46	3 39	4 59	0 8	4 28	0 14	6 47	0 40	24 13	0 28	3 55	2 12	24 15	0 26	9 1	1 58	34 38	15 7	12 4	12 29	28 20		n.a.
T 17	7 28	28 17	4 25	4 15	0 2	5 0	0 17	6 30	0 40	24 13	0 29	3 57	2 12	24 15	0 26	9 0	1 59	34 38	15 7	12 3	12 28	28 20		n.a.
W18	7 5	27 54	4 55	3 31	0s 5	5 32	0 20	6 13	0 39	24 12	0 29	4 0	2 11	24 15	0 26	9 0	1 59	34 38	15 6	12 2	12 26	28 20		n.a.
T 19	6 42	25 38	5 7	2 47	0 12	6 3	0 23	5 56	0 39	24 12	0 29	4 2	2 11	24 15	0 26	9 0	1 59	34 38	15 6	12 0	12 25	28 21		n.a.
F 20	6 18	21 42	4 59	2 3	0 18	6 35	0 26	5 39	0 38	24 12	0 29	4 5	2 11	24 15	0 26	8 59	1 59	34 38	15 6	11 57	12 24	28 21		n.a.
S 21	5 54	16 29	4 33	1 20	0 25	7 7	0 29	5 22	0 38	24 12	0 29	4 7	2 11	24 15	0 26	8 59	1 59	34 38	15 6	11 55	12 23	28 21		n.a.
S 22	5 31	10 27	3 49	0 36	0 32	7 38	0 32	5 5	0 37	24 12	0 29	4 10	2 11	24 15	0 26	8 58	1 59	34 38	15 6	11 52	12 22	28 21		n.a.
M23	5 7	4 1	2 52	0s 7	0 38	8 9	0 35	4 48	0 37	24 11	0 30	4 13	2 11	24 15	0 26	8 58	1 59	34 38	15 5	11 50	12 21	28 21		n.a.
T 24	4 43	2n28	1 47	0 50	0 45	8 40	0 38	4 30	0 36	24 11	0 30	4 15	2 11	24 14	0 26	8 57	1 59	34 38	15 5	11 49	12 20	28 21		n.a.
W25	4 19	8 40	0 38	1 33	0 51	9 11	0 41	4 13	0 36	24 11	0 30	4 18	2 10	24 14	0 26	8 57	1 59	34 38	15 5	11 48	12 19	28 21		n.a.
T 26	3 55	14 21	0n32	2 16	0 58	9 42	0 43	3 55	0 35	24 11	0 30	4 20	2 10	24 14	0 26	8 56	1 59	34 38	15 5	11 48	12 17	28 22		n.a.
F 27	3 31	19 18	1 39	2 58	1 4	10 12	0 46	3 38	0 35	24 11	0 30	4 23	2 10	24 14	0 26	8 56	1 59	34 38	15 4	11 48	12 16	28 22		n.a.
S 28	3 6	23 19	2 39	3 40	1 11	10 43	0 49	3 20	0 34	24 10	0 31	4 26	2 10	24 14	0 26	8 55	1 59	34 38	15 4	11 49	12 15	28 22		n.a.
S 29	2 42	26 16	3 31	4 22	1 17	11 13	0 52	3 3	0 34	24 10	0 31	4 28	2 10	24 14	0 26	8 55	1 59	34 38	15 4	11 49	12 14	28 22		n.a.
M30	2n18	28n 0	4n14	5s 3	1s23	11s42	0s55	2n45	0n33	24n10	0n31	4s31	2n10	24n14	0n26	8n54	1s59	34s38	15s 4	11n50	12n13	28n22		n.a.

Julian Day Number = 1209220.5, Delta T = 09h14m39s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'33, Lahiri = -23°18'32 Julian Calendar 1 Sept. 1403 BCE == Greg. Calendar 19 Aug. 1403 BCE

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

OCTOBER 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 47 32	25♍19'33	6♋48	10♎52	28♎57	25♍ 9	7♋31	16♎24	3♋57	27°R26	2°R 9	0°R26	1♉29	5♋57	n.a.	T 1
W 2	23 51 29	26°20'07	18°41	12°21	0♏10	25°51	7°37	16°30	3°58	27♈25	2♒ 9	0♉23	1°26	6° 3	n.a.	W 2
T 3	23 55 25	27°20'44	0♌42	13°48	1°23	26°34	7°44	16°37	4° 0	27°24	2° 8	0°19	1°23	6°10	n.a.	T 3
F 4	23 59 22	28°21'22	12°53	15°15	2°37	27°17	7°50	16°44	4° 1	27°22	2° 8	0°14	1°20	6°17	n.a.	F 4
S 5	0 3 18	29°22'02	25°18	16°42	3°50	27°59	7°56	16°51	4° 2	27°21	2° 7	0° 9	1°16	6°24	n.a.	S 5
S 6	0 7 15	0♎22'44	7♍58	18° 8	5° 3	28°42	8° 2	16°57	4° 3	27°19	2° 6	0° 3	1°13	6°30	n.a.	S 6
M 7	0 11 12	1°23'28	20°55	19°33	6°16	29°25	8° 8	17° 4	4° 4	27°18	2° 6	29♈59	1°10	6°37	n.a.	M 7
T 8	0 15 8	2°24'13	4♎ 8	20°58	7°30	0♎ 8	8°14	17°11	4° 4	27°16	2° 5	29°55	1° 7	6°44	n.a.	T 8
W 9	0 19 5	3°24'59	17°35	22°21	8°43	0°51	8°20	17°18	4° 5	27°15	2° 5	29°53	1° 4	6°50	n.a.	W 9
T 10	0 23 1	4°25'48	1♏16	23°44	9°56	1°34	8°25	17°25	4° 6	27°13	2° 4	29°D53	1° 1	6°57	n.a.	T 10
F 11	0 26 58	5°26'37	15° 6	25° 6	11° 9	2°17	8°30	17°32	4° 7	27°12	2° 4	29°53	0°57	7° 4	n.a.	F 11
S 12	0 30 54	6°27'28	29° 5	26°26	12°22	3° 0	8°35	17°38	4° 7	27°10	2° 3	29°55	0°54	7°10	n.a.	S 12
S 13	0 34 51	7°28'20	13♐10	27°45	13°35	3°43	8°40	17°45	4° 8	27° 8	2° 3	29°56	0°51	7°17	n.a.	S 13
M14	0 38 47	8°29'13	27°18	29° 3	14°48	4°26	8°45	17°52	4° 8	27° 7	2° 3	29°57	0°48	7°24	n.a.	M14
T 15	0 42 44	9°30'08	11♑29	0♏19	16° 1	5°10	8°49	17°59	4° 9	27° 5	2° 2	29°R58	0°45	7°31	n.a.	T 15
W16	0 46 41	10°31'03	25°39	1°33	17°14	5°53	8°54	18° 6	4° 9	27° 4	2° 2	29°57	0°42	7°37	n.a.	W16
T 17	0 50 37	11°31'59	9♒48	2°45	18°27	6°36	8°58	18°13	4°10	27° 2	2° 2	29°55	0°38	7°44	n.a.	T 17
F 18	0 54 34	12°32'57	23°51	3°55	19°40	7°20	9° 2	18°20	4°10	27° 0	2° 1	29°53	0°35	7°51	n.a.	F 18
S 19	0 58 30	13°33'55	7♓47	5° 1	20°53	8° 3	9° 6	18°27	4°10	26°59	2° 1	29°51	0°32	7°57	n.a.	S 19
S 20	1 2 27	14°34'54	21°33	6° 4	22° 5	8°47	9°10	18°34	4°10	26°57	2° 1	29°49	0°29	8° 4	n.a.	S 20
M21	1 6 23	15°35'54	5♈ 5	7° 4	23°18	9°30	9°13	18°41	4°10	26°55	2° 1	29°47	0°26	8°11	n.a.	M21
T 22	1 10 20	16°36'55	18°22	7°59	24°31	10°14	9°16	18°48	4°11	26°54	2° 0	29°46	0°22	8°18	n.a.	T 22
W23	1 14 16	17°37'57	1♉22	8°50	25°43	10°57	9°19	18°55	4°R11	26°52	2° 0	29°D46	0°19	8°24	n.a.	W23
T 24	1 18 13	18°39'01	14° 6	9°34	26°56	11°41	9°22	19° 2	4°11	26°50	2° 0	29°46	0°16	8°31	n.a.	T 24
F 25	1 22 10	19°40'06	26°33	10°13	28° 8	12°25	9°25	19° 9	4°10	26°49	2° 0	29°47	0°13	8°38	n.a.	F 25
S 26	1 26 6	20°41'12	8♊46	10°44	29°21	13° 8	9°28	19°16	4°10	26°47	2° 0	29°48	0°10	8°44	n.a.	S 26
S 27	1 30 3	21°42'19	20°49	11° 8	0♐33	13°52	9°30	19°23	4°10	26°45	2° 0	29°49	0° 7	8°51	n.a.	S 27
M28	1 33 59	22°43'27	2♋43	11°23	1°46	14°36	9°32	19°30	4°10	26°44	2° 0	29°50	0° 3	8°58	n.a.	M28
T 29	1 37 56	23°44'36	14°35	11°R28	2°58	15°20	9°34	19°37	4° 9	26°42	2°D 0	29°50	0° 0	9° 5	n.a.	T 29
W30	1 41 52	24°45'47	26°28	11°23	4°10	16° 4	9°36	19°44	4° 9	26°40	2° 0	29°R50	29♈57	9°11	n.a.	W30
T 31	1 45 49	25♎46'58	8♌28	11♏ 7	5♐22	16♎48	9♋38	19♎51	4♋ 9	26♈39	2♒ 0	29♈50	29♈54	9♋18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	1n53	28n26	4n46	5s44	1s29	12s12	0s58	2n27	0n32	24n10	0n31	4s34	2n10	24n14	0n26	8n54	1s59	34s38	15s 3	11n49	12n12	28n22			n.a.
W 2	1 29	27 34	5 5	6 25	1 35	12 41	1 1	2 10	0 32	24 10	0 31	4 37	2 10	24 14	0 26	8 53	1 59	34 38	15 3	11 48	12 11	28 22			n.a.
T 3	1 4	25 25	5 12	7 5	1 40	13 10	1 4	1 52	0 31	24 10	0 32	4 39	2 10	24 14	0 26	8 53	1 59	34 38	15 3	11 47	12 10	28 22			n.a.
F 4	0 40	22 5	5 4	7 44	1 46	13 38	1 7	1 34	0 31	24 9	0 32	4 42	2 10	24 14	0 26	8 52	1 59	34 38	15 3	11 45	12 9	28 22			n.a.
S 5	0 15	17 44	4 42	8 23	1 51	14 6	1 10	1 16	0 30	24 9	0 32	4 45	2 9	24 14	0 26	8 52	1 59	34 37	15 2	11 43	12 7	28 22			n.a.
S 6	0s 9	12 32	4 7	9 1	1 56	14 34	1 12	0 59	0 30	24 9	0 32	4 47	2 9	24 14	0 26	8 51	1 59	34 37	15 2	11 41	12 6	28 22			n.a.
M 7	0 34	6 40	3 17	9 39	2 1	15 2	1 15	0 41	0 29	24 9	0 32	4 50	2 9	24 14	0 27	8 50	1 59	34 37	15 2	11 40	12 5	28 22			n.a.
T 8	0 58	0 25	2 17	10 15	2 6	15 29	1 18	0 23	0 29	24 9	0 33	4 53	2 9	24 14	0 27	8 50	1 59	34 37	15 2	11 38	12 4	28 22			n.a.
W 9	1 23	6s 0	1 7	10 51	2 10	15 56	1 21	0 5	0 28	24 9	0 33	4 55	2 9	24 14	0 27	8 49	1 59	34 37	15 1	11 38	12 3	28 22			n.a.
T 10	1 47	12 14	0s 8	11 26	2 14	16 22	1 23	0s13	0 27	24 8	0 33	4 58	2 9	24 14	0 27	8 49	1 59	34 37	15 1	11 38	12 2	28 22			n.a.
F 11	2 12	17 58	1 23	12 1	2 18	16 48	1 26	0 31	0 27	24 8	0 33	5 1	2 9	24 14	0 27	8 48	1 59	34 37	15 1	11 38	12 1	28 22			n.a.
S 12	2 36	22 48	2 34	12 34	2 21	17 13	1 29	0 49	0 26	24 8	0 34	5 4	2 9	24 14	0 27	8 48	1 59	34 36	15 0	11 38	12 0	28 22			n.a.
S 13	3 1	26 21	3 36	13 6	2 24	17 38	1 31	1 7	0 26	24 8	0 34	5 6	2 9	24 14	0 27	8 47	1 59	34 36	15 0	11 39	11 58	28 22			n.a.
M14	3 25	28 15	4 25	13 36	2 27	18 3	1 34	1 25	0 25	24 8	0 34	5 9	2 9	24 15	0 27	8 46	1 59	34 36	15 0	11 39	11 57	28 22			n.a.
T 15	3 50	28 19	4 59	14 6	2 29	18 27	1 36	1 43	0 24	24 8	0 34	5 12	2 9	24 15	0 27	8 46	1 59	34 36	14 59	11 39	11 56	28 22			n.a.
W16	4 14	26 32	5 14	14 34	2 30	18 51	1 38	2 1	0 24	24 8	0 34	5 15	2 9	24 15	0 27	8 45	1 59	34 36	14 59	11 39	11 55	28 22			n.a.
T 17	4 38	23 5	5 10	15 0	2 31	19 14	1 41	2 19	0 23	24 8	0 35	5 17	2 9	24 15	0 27	8 45	1 59	34 35	14 59	11 39	11 54	28 22			n.a.
F 18	5 3	18 19	4 48	15 25	2 31	19 37	1 43	2 37	0 23	24 8	0 35	5 20	2 9	24 15	0 27	8 44	1 59	34 35	14 59	11 38	11 53	28 22			n.a.
S 19	5 27	12 38	4 9	15 47	2 31	19 59	1 45	2 55	0 22	24 8	0 35	5 23	2 9	24 15	0 27	8 43	1 59	34 35	14 58	11 37	11 52	28 22			n.a.
S 20	5 51	6 24	3 16	16 8	2 30	20 21	1 48	3 13	0 21	24 8	0 35	5 26	2 8	24 15	0 27	8 43	1 59	34 35	14 58	11 36	11 50	28 22			n.a.
M21	6 15	0n 2	2 12	16 26	2 28	20 42	1 50	3 31	0 21	24 8	0 36	5 28	2 8	24 15	0 27	8 42	1 59	34 34	14 58	11 36	11 49	28 22			n.a.
T 22	6 39	6 22	1 3	16 42	2 25	21 2	1 52	3 49	0 20	24 8	0 36	5 31	2 8	24 15	0 27	8 41	2 0	34 34	14 57	11 35	11 48	28 21			n.a.
W23	7 2	12 18	0n 9	16 55	2 21	21 22	1 54	4 7	0 20	24 8	0 36	5 34	2 8	24 15	0 27	8 41	2 0	34 34	14 57	11 35	11 47	28 21			n.a.
T 24	7 26	17 36	1 19	17 5	2 16	21 42	1 56	4 24	0 19	24 8	0 36	5 36	2 8	24 15	0 27	8 40	2 0	34 34	14 57	11 35	11 46	28 21			n.a.
F 25	7 50	22 2	2 23	17 12	2 10	22 0	1 58	4 42	0 18	24 8	0 36	5 39	2 8	24 15	0 27	8 40	2 0	34 33	14 56	11 35	11 45	28 21			n.a.
S 26	8 13	25 26	3 20	17 15	2 3	22 18	2 0	5 0	0 18	24 8	0 37	5 42	2 8	24 15	0 27	8 39	2 0	34 33	14 56	11 36	11 44	28 21			n.a.
S 27	8 36	27 38	4 7	17 14	1 54	22 36	2 1	5 18	0 17	24 8	0 37	5 44	2 8	24 15	0 27	8 38	2 0	34 33	14 56	11 36	11 43	28 21			n.a.
M28	8 59	28 32	4 42	17 9	1 44	22 53	2 3	5 36	0 17	24 8	0 37	5 47	2 8	24 15	0 27	8 38	2 0	34 33	14 55	11 36	11 41	28 21			n.a.
T 29	9 22	28 7	5 6	17 0	1 32	23 9	2 5	5 54	0 16	24 8	0 37	5 50	2 8	24 15	0 27	8 37	2 0	34 32	14 55	11 37	11 40	28 20			n.a.
W30	9 45	26 24	5 16	16 46	1 19	23 25	2 6	6 12	0 15	24 8	0 38	5 53	2 8	24 15	0 27	8 37	2 0	34 32	14 55	11 37	11 39	28 20			n.a.
T 31	10s 8	23n30	5n13	16s27	1s 4	23s40	2s 8	6s29	0n15	24n 8	0n38	5s55	2n 8	24n15	0n27	8n36	2s 0	34s32	14s54	11n37	11n38	28n20			n.a.

Julian Day Number = 1209250.5, Delta T = 09h14m38s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'29, Lahiri = -23°18'28 Julian Calendar 1 Oct. 1403 BCE == Greg. Calendar 18 Sept. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

NOVEMBER 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 49 45	26♎48'11	20♌39	10°R40	6♐34	17♎32	9♋39	19♎58	4°R 8	26°R37	2♒ 0	29°R50	29♈51	9♋25	n.a.	F 1
S 2	1 53 42	27°49'24	3♍ 4	10♏ 1	7°46	18°16	9°41	20° 5	4♋ 8	26♈35	2° 0	29♈49	29°48	9°31	n.a.	S 2
S 3	1 57 39	28°50'38	15°49	9°11	8°58	19° 0	9°42	20°12	4° 7	26°33	2° 0	29°49	29°44	9°38	n.a.	S 3
M 4	2 1 35	29°51'53	28°54	8°11	10°10	19°45	9°43	20°19	4° 6	26°32	2° 0	29°D49	29°41	9°45	n.a.	M 4
T 5	2 5 32	0♏53'09	12♎21	7° 2	11°22	20°29	9°43	20°25	4° 6	26°30	2° 0	29°49	29°38	9°52	n.a.	T 5
W 6	2 9 28	1°54'26	26° 9	5°46	12°34	21°13	9°44	20°32	4° 5	26°28	2° 1	29°R49	29°35	9°58	n.a.	W 6
T 7	2 13 25	2°55'43	10♏15	4°25	13°46	21°57	9°44	20°39	4° 4	26°27	2° 1	29°49	29°32	10° 5	n.a.	T 7
F 8	2 17 21	3°57'01	24°35	3° 3	14°57	22°42	9°R44	20°46	4° 3	26°25	2° 1	29°49	29°28	10°12	n.a.	F 8
S 9	2 21 18	4°58'19	9♐ 4	1°41	16° 9	23°26	9°44	20°53	4° 2	26°23	2° 1	29°49	29°25	10°18	n.a.	S 9
S 10	2 25 15	5°59'37	23°36	0°22	17°20	24°11	9°44	21° 0	4° 1	26°22	2° 2	29°48	29°22	10°25	n.a.	S 10
M11	2 29 11	7° 0'55	8♑ 5	29♎10	18°32	24°55	9°43	21° 7	4° 0	26°20	2° 2	29°47	29°19	10°32	n.a.	M11
T 12	2 33 8	8° 2'14	22°27	28° 6	19°43	25°40	9°42	21°13	3°59	26°18	2° 2	29°46	29°16	10°39	n.a.	T 12
W13	2 37 4	9° 3'32	6♒39	27°11	20°54	26°24	9°41	21°20	3°58	26°17	2° 3	29°D46	29°13	10°45	n.a.	W13
T 14	2 41 1	10° 4'51	20°38	26°26	22° 5	27° 9	9°40	21°27	3°57	26°15	2° 3	29°46	29° 9	10°52	n.a.	T 14
F 15	2 44 57	11° 6'09	4♓23	25°52	23°16	27°54	9°39	21°34	3°56	26°13	2° 3	29°47	29° 6	10°59	n.a.	F 15
S 16	2 48 54	12° 7'27	17°56	25°29	24°27	28°38	9°38	21°40	3°54	26°12	2° 4	29°48	29° 3	11° 6	n.a.	S 16
S 17	2 52 50	13° 8'44	1♈14	25°16	25°38	29°23	9°36	21°47	3°53	26°10	2° 4	29°49	29° 0	11°12	n.a.	S 17
M18	2 56 47	14°10'02	14°20	25°D14	26°49	0♏ 8	9°34	21°54	3°52	26° 8	2° 5	29°50	28°57	11°19	n.a.	M18
T 19	3 0 44	15°11'20	27°12	25°20	27°59	0°53	9°32	22° 0	3°50	26° 7	2° 5	29°R51	28°53	11°26	n.a.	T 19
W20	3 4 40	16°12'37	9♉53	25°35	29°10	1°38	9°30	22° 7	3°49	26° 5	2° 6	29°50	28°50	11°32	n.a.	W20
T 21	3 8 37	17°13'55	22°22	25°58	0♑20	2°22	9°27	22°14	3°47	26° 4	2° 6	29°49	28°47	11°39	n.a.	T 21
F 22	3 12 33	18°15'12	4♊40	26°28	1°30	3° 7	9°24	22°20	3°46	26° 2	2° 7	29°47	28°44	11°46	n.a.	F 22
S 23	3 16 30	19°16'30	16°48	27° 4	2°41	3°52	9°22	22°27	3°44	26° 1	2° 7	29°44	28°41	11°53	n.a.	S 23
S 24	3 20 26	20°17'47	28°48	27°46	3°50	4°37	9°19	22°33	3°43	25°59	2° 8	29°41	28°38	11°59	n.a.	S 24
M25	3 24 23	21°19'04	10♋42	28°33	5° 0	5°23	9°15	22°40	3°41	25°58	2° 9	29°37	28°34	12° 6	n.a.	M25
T 26	3 28 20	22°20'22	22°34	29°24	6°10	6° 8	9°12	22°46	3°39	25°56	2° 9	29°34	28°31	12°13	n.a.	T 26
W27	3 32 16	23°21'39	4♌26	0♏20	7°20	6°53	9° 8	22°52	3°37	25°55	2°10	29°31	28°28	12°19	n.a.	W27
T 28	3 36 13	24°22'56	16°23	1°19	8°29	7°38	9° 5	22°59	3°36	25°53	2°11	29°30	28°25	12°26	n.a.	T 28
F 29	3 40 9	25°24'13	28°30	2°21	9°38	8°23	9° 1	23° 5	3°34	25°52	2°12	29°D29	28°22	12°33	n.a.	F 29
S 30	3 44 6	26♏25'30	10♍52	3♏26	10♑47	9♏ 9	8♋57	23♎11	3♋32	25♈50	2♒12	29♈30	28♈19	12♋40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	10s31	19n32	4n56	16s 2	0s48	23s54	2s 9	6s47	0n14	24n 8	0n38	5s58	2n 8	24n15	0n27	8n35	2s 0	34s31	14s54	11n36	11n37	28n20		n.a.
S 2	10 53	14 40	4 25	15 33	0 30	24 8	2 10	7 5	0 13	24 8	0 38	6 1	2 8	24 15	0 27	8 35	2 0	34 31	14 54	11 36	11 36	28 20		n.a.
S 3	11 15	9 4	3 41	14 59	0 11	24 21	2 11	7 22	0 13	24 9	0 39	6 3	2 8	24 15	0 27	8 34	2 0	34 31	14 53	11 36	11 35	28 19		n.a.
M 4	11 37	2 56	2 43	14 21	0n 9	24 33	2 13	7 40	0 12	24 9	0 39	6 6	2 8	24 15	0 27	8 33	1 59	34 30	14 53	11 36	11 33	28 19		n.a.
T 5	11 59	3s30	1 35	13 39	0 29	24 45	2 14	7 58	0 11	24 9	0 39	6 8	2 8	24 15	0 27	8 33	1 59	34 30	14 53	11 36	11 32	28 19		n.a.
W 6	12 21	9 57	0 20	12 54	0 49	24 56	2 15	8 15	0 11	24 9	0 39	6 11	2 8	24 15	0 28	8 32	1 59	34 30	14 52	11 36	11 31	28 19		n.a.
T 7	12 42	16 4	0s58	12 8	1 10	25 6	2 15	8 33	0 10	24 9	0 40	6 14	2 8	24 15	0 28	8 32	1 59	34 29	14 52	11 36	11 30	28 19		n.a.
F 8	13 3	21 24	2 13	11 21	1 29	25 15	2 16	8 50	0 10	24 10	0 40	6 16	2 8	24 16	0 28	8 31	1 59	34 29	14 52	11 36	11 29	28 18		n.a.
S 9	13 24	25 30	3 21	10 36	1 47	25 24	2 17	9 7	0 9	24 10	0 40	6 19	2 8	24 16	0 28	8 30	1 59	34 28	14 51	11 36	11 28	28 18		n.a.
S 10	13 45	27 58	4 16	9 53	2 3	25 32	2 17	9 25	0 8	24 10	0 40	6 22	2 8	24 16	0 28	8 30	1 59	34 28	14 51	11 36	11 27	28 18		n.a.
M11	14 6	28 30	4 54	9 14	2 17	25 39	2 18	9 42	0 8	24 10	0 41	6 24	2 8	24 16	0 28	8 29	1 59	34 28	14 51	11 36	11 25	28 18		n.a.
T 12	14 26	27 7	5 14	8 40	2 29	25 45	2 18	9 59	0 7	24 11	0 41	6 27	2 8	24 16	0 28	8 29	1 59	34 27	14 51	11 35	11 24	28 17		n.a.
W13	14 46	24 0	5 14	8 11	2 39	25 51	2 19	10 16	0 6	24 11	0 41	6 29	2 8	24 16	0 28	8 28	1 59	34 27	14 50	11 35	11 23	28 17		n.a.
T 14	15 6	19 32	4 56	7 48	2 47	25 56	2 19	10 33	0 6	24 11	0 41	6 32	2 8	24 16	0 28	8 27	1 59	34 26	14 50	11 35	11 22	28 17		n.a.
F 15	15 25	14 6	4 21	7 30	2 52	26 0	2 19	10 50	0 5	24 12	0 42	6 34	2 8	24 16	0 28	8 27	1 59	34 26	14 50	11 36	11 21	28 16		n.a.
S 16	15 45	8 5	3 32	7 18	2 56	26 3	2 19	11 7	0 4	24 12	0 42	6 37	2 8	24 16	0 28	8 26	1 59	34 26	14 49	11 36	11 20	28 16		n.a.
S 17	16 4	1 49	2 32	7 12	2 57	26 6	2 19	11 24	0 4	24 12	0 42	6 39	2 8	24 16	0 28	8 26	1 59	34 25	14 49	11 36	11 19	28 16		n.a.
M18	16 22	4n27	1 25	7 11	2 57	26 8	2 18	11 40	0 3	24 13	0 42	6 42	2 8	24 16	0 28	8 25	1 59	34 25	14 49	11 37	11 17	28 15		n.a.
T 19	16 41	10 26	0 15	7 14	2 56	26 9	2 18	11 57	0 2	24 13	0 43	6 44	2 9	24 16	0 28	8 25	1 59	34 24	14 48	11 37	11 16	28 15		n.a.
W20	16 59	15 54	0n55	7 22	2 54	26 9	2 18	12 13	0 2	24 14	0 43	6 47	2 9	24 16	0 28	8 24	1 59	34 24	14 48	11 37	11 15	28 15		n.a.
T 21	17 17	20 38	2 1	7 34	2 50	26 9	2 17	12 30	0 1	24 14	0 43	6 49	2 9	24 16	0 28	8 23	1 59	34 23	14 48	11 36	11 14	28 14		n.a.
F 22	17 34	24 24	3 0	7 49	2 46	26 8	2 16	12 46	0 0	24 14	0 43	6 51	2 9	24 16	0 28	8 23	1 59	34 23	14 47	11 36	11 13	28 14		n.a.
S 23	17 51	27 1	3 51	8 6	2 41	26 6	2 16	13 2	0s 0	24 15	0 44	6 54	2 9	24 17	0 28	8 22	1 59	34 23	14 47	11 34	11 12	28 14		n.a.
S 24	18 8	28 21	4 30	8 27	2 35	26 3	2 15	13 18	0 1	24 15	0 44	6 56	2 9	24 17	0 28	8 22	1 59	34 22	14 47	11 33	11 11	28 13		n.a.
M25	18 24	28 22	4 57	8 50	2 29	26 0	2 14	13 34	0 2	24 16	0 44	6 59	2 9	24 17	0 28	8 21	1 59	34 22	14 46	11 32	11 9	28 13		n.a.
T 26	18 41	27 3	5 12	9 14	2 22	25 55	2 13	13 50	0 3	24 16	0 44	7 1	2 9	24 17	0 28	8 21	1 59	34 21	14 46	11 31	11 8	28 12		n.a.
W27	18 56	24 33	5 13	9 41	2 15	25 50	2 11	14 6	0 3	24 17	0 45	7 3	2 9	24 17	0 28	8 20	1 59	34 21	14 46	11 30	11 7	28 12		n.a.
T 28	19 12	20 58	5 1	10 8	2 8	25 45	2 10	14 22	0 4	24 17	0 45	7 6	2 9	24 17	0 28	8 20	1 59	34 20	14 46	11 29	11 6	28 12		n.a.
F 29	19 27	16 29	4 35	10 37	2 1	25 38	2 8	14 37	0 5	24 18	0 45	7 8	2 9	24 17	0 28	8 19	1 59	34 20	14 45	11 29	11 5	28 11		n.a.
S 30	19s42	11n15	3n56	11s 7	1n53	25s31	2s 7	14s53	0s 5	24n18	0n45	7s10	2n 9	24n17	0n28	8n19	1s59	34s19	14s45	11n29	11n 4	28n11		n.a.

Julian Day Number = 1209281.5, Delta T = 09h14m36s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'24, Lahiri = -23°18'24 Julian Calendar 1 Nov. 1403 BCE == Greg. Calendar 19 Oct. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1403 BCE
geocentric

DECEMBER 1403 BCE (-1402) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 48 2	27♏26'46	23♍32	4♏34	11♉56	9♏54	8°R52	23♎17	3°R30	25°R49	2♒13	29♈32	28♈15	12♋46	n.a.	S 1
M 2	3 51 59	28°28'02	6♎35	5°44	13° 5	10°39	8♋48	23°23	3♋28	25♈47	2°14	29°33	28°12	12°53	n.a.	M 2
T 3	3 55 55	29°29'18	20° 4	6°56	14°14	11°25	8°43	23°30	3°26	25°46	2°15	29°35	28° 9	13° 0	n.a.	T 3
W 4	3 59 52	0♐30'34	4♏ 0	8°10	15°22	12°10	8°38	23°36	3°24	25°45	2°16	29°R35	28° 6	13° 6	n.a.	W 4
T 5	4 3 49	1°31'49	18°21	9°25	16°31	12°56	8°33	23°42	3°22	25°43	2°16	29°34	28° 3	13°13	n.a.	T 5
F 6	4 7 45	2°33'04	3♐ 3	10°42	17°39	13°41	8°28	23°48	3°20	25°42	2°17	29°31	27°59	13°20	n.a.	F 6
S 7	4 11 42	3°34'18	17°58	12° 1	18°47	14°27	8°23	23°54	3°18	25°41	2°18	29°26	27°56	13°27	n.a.	S 7
S 8	4 15 38	4°35'32	2♉59	13°21	19°55	15°12	8°18	23°59	3°15	25°40	2°19	29°21	27°53	13°33	n.a.	S 8
M 9	4 19 35	5°36'44	17°55	14°41	21° 2	15°58	8°12	24° 5	3°13	25°38	2°20	29°15	27°50	13°40	n.a.	M 9
T 10	4 23 31	6°37'55	2♒40	16° 3	22°10	16°43	8° 6	24°11	3°11	25°37	2°21	29°11	27°47	13°47	n.a.	T 10
W11	4 27 28	7°39'05	17° 6	17°26	23°17	17°29	8° 0	24°17	3° 9	25°36	2°22	29° 7	27°44	13°54	n.a.	W11
T 12	4 31 25	8°40'14	1♓11	18°50	24°24	18°15	7°54	24°22	3° 6	25°35	2°23	29° 5	27°40	14° 0	n.a.	T 12
F 13	4 35 21	9°41'22	14°53	20°15	25°30	19° 0	7°48	24°28	3° 4	25°34	2°24	29°D 5	27°37	14° 7	n.a.	F 13
S 14	4 39 18	10°42'28	28°14	21°41	26°37	19°46	7°42	24°34	3° 2	25°32	2°25	29° 6	27°34	14°14	n.a.	S 14
S 15	4 43 14	11°43'33	11♈16	23° 7	27°43	20°32	7°35	24°39	2°59	25°31	2°26	29° 8	27°31	14°20	n.a.	S 15
M16	4 47 11	12°44'37	24° 2	24°34	28°49	21°18	7°29	24°45	2°57	25°30	2°27	29°R 9	27°28	14°27	n.a.	M16
T 17	4 51 7	13°45'39	6♉35	26° 2	29°54	22° 4	7°22	24°50	2°54	25°29	2°28	29° 9	27°25	14°34	n.a.	T 17
W18	4 55 4	14°46'40	18°58	27°31	1♒ 0	22°50	7°15	24°55	2°52	25°28	2°29	29° 6	27°21	14°41	n.a.	W18
T 19	4 59 0	15°47'40	1♊11	29° 1	2° 5	23°35	7° 9	25° 0	2°50	25°27	2°31	29° 2	27°18	14°47	n.a.	T 19
F 20	5 2 57	16°48'39	13°17	0♐31	3°10	24°21	7° 2	25° 6	2°47	25°26	2°32	28°55	27°15	14°54	n.a.	F 20
S 21	5 6 54	17°49'37	25°18	2° 2	4°14	25° 7	6°55	25°11	2°45	25°26	2°33	28°47	27°12	15° 1	n.a.	S 21
S 22	5 10 50	18°50'33	7♋14	3°33	5°18	25°53	6°47	25°16	2°42	25°25	2°34	28°37	27° 9	15° 7	n.a.	S 22
M23	5 14 47	19°51'28	19° 7	5° 6	6°22	26°39	6°40	25°21	2°40	25°24	2°35	28°26	27° 5	15°14	n.a.	M23
T 24	5 18 43	20°52'22	0♌59	6°39	7°26	27°25	6°33	25°26	2°37	25°23	2°37	28°16	27° 2	15°21	n.a.	T 24
W25	5 22 40	21°53'15	12°52	8°13	8°29	28°11	6°25	25°31	2°34	25°22	2°38	28° 8	26°59	15°28	n.a.	W25
T 26	5 26 36	22°54'06	24°49	9°47	9°32	28°58	6°18	25°35	2°32	25°21	2°39	28° 1	26°56	15°34	n.a.	T 26
F 27	5 30 33	23°54'57	6♍53	11°22	10°34	29°44	6°10	25°40	2°29	25°21	2°40	27°57	26°53	15°41	n.a.	F 27
S 28	5 34 30	24°55'46	19°11	12°58	11°37	0♐30	6° 3	25°45	2°27	25°20	2°42	27°56	26°50	15°48	n.a.	S 28
S 29	5 38 26	25°56'34	1♎45	14°35	12°38	1°16	5°55	25°49	2°24	25°19	2°43	27°D55	26°46	15°54	n.a.	S 29
M30	5 42 23	26°57'20	14°40	16°13	13°40	2° 2	5°47	25°54	2°22	25°19	2°44	27°56	26°43	16° 1	n.a.	M30
T 31	5 46 19	27♐58'06	28♎ 2	17♐51	14♒41	2♐48	5♋39	25♎58	2♋19	25♈18	2♒46	27°R57	26♈40	16♋ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	19s56	5n26	3n 5	11s37	1n45	25s24	2s 5	15s 8	0s 6	24n19	0n45	7s12	2n 9	24n17	0n28	8n18	1s59	34s19	14s45	11n30	11n 2	28n10			n.a.
M 2	20 10	0s47	2 3	12 9	1 37	25 15	2 3	15 23	0 7	24 19	0 46	7 15	2 9	24 17	0 28	8 18	1 59	34 18	14 44	11 31	11 1	28 10			n.a.
T 3	20 24	7 11	0 52	12 40	1 29	25 6	2 1	15 38	0 7	24 20	0 46	7 17	2 9	24 17	0 28	8 17	1 59	34 18	14 44	11 31	11 0	28 9			n.a.
W 4	20 37	13 27	0s24	13 12	1 21	24 56	1 59	15 53	0 8	24 21	0 46	7 19	2 10	24 17	0 28	8 17	1 59	34 17	14 44	11 31	10 59	28 9			n.a.
T 5	20 50	19 12	1 41	13 44	1 13	24 45	1 57	16 8	0 9	24 21	0 46	7 21	2 10	24 17	0 28	8 16	1 59	34 17	14 44	11 31	10 58	28 8			n.a.
F 6	21 2	23 57	2 52	14 17	1 4	24 34	1 55	16 23	0 10	24 22	0 47	7 23	2 10	24 18	0 28	8 16	1 59	34 16	14 43	11 30	10 57	28 8			n.a.
S 7	21 14	27 11	3 53	14 49	0 56	24 22	1 52	16 37	0 10	24 22	0 47	7 25	2 10	24 18	0 28	8 16	1 59	34 16	14 43	11 28	10 56	28 7			n.a.
S 8	21 26	28 28	4 39	15 21	0 48	24 10	1 50	16 51	0 11	24 23	0 47	7 28	2 10	24 18	0 28	8 15	1 58	34 15	14 43	11 26	10 54	28 7			n.a.
M 9	21 37	27 40	5 5	15 53	0 40	23 57	1 47	17 6	0 12	24 23	0 47	7 30	2 10	24 18	0 28	8 15	1 58	34 15	14 42	11 24	10 53	28 6			n.a.
T 10	21 48	24 56	5 10	16 25	0 32	23 43	1 44	17 20	0 12	24 24	0 48	7 32	2 10	24 18	0 28	8 14	1 58	34 14	14 42	11 22	10 52	28 6			n.a.
W11	21 58	20 40	4 56	16 57	0 24	23 28	1 41	17 33	0 13	24 25	0 48	7 34	2 10	24 18	0 28	8 14	1 58	34 14	14 42	11 21	10 51	28 5			n.a.
T 12	22 8	15 20	4 23	17 28	0 17	23 13	1 38	17 47	0 14	24 25	0 48	7 36	2 10	24 18	0 29	8 14	1 58	34 13	14 42	11 21	10 50	28 5			n.a.
F 13	22 18	9 23	3 37	17 59	0 9	22 58	1 35	18 1	0 14	24 26	0 48	7 38	2 10	24 18	0 29	8 13	1 58	34 13	14 41	11 20	10 49	28 4			n.a.
S 14	22 27	3 9	2 40	18 29	0 2	22 42	1 31	18 14	0 15	24 26	0 48	7 40	2 11	24 18	0 29	8 13	1 58	34 12	14 41	11 21	10 47	28 4			n.a.
S 15	22 35	3n 5	1 35	18 58	0s 6	22 25	1 28	18 27	0 16	24 27	0 49	7 42	2 11	24 18	0 29	8 13	1 58	34 12	14 41	11 21	10 46	28 3			n.a.
M16	22 44	9 4	0 28	19 28	0 13	22 8	1 24	18 40	0 17	24 28	0 49	7 43	2 11	24 18	0 29	8 12	1 58	34 11	14 41	11 22	10 45	28 3			n.a.
T 17	22 51	14 35	0n40	19 56	0 20	21 50	1 20	18 53	0 17	24 28	0 49	7 45	2 11	24 18	0 29	8 12	1 58	34 11	14 40	11 22	10 44	28 2			n.a.
W18	22 59	19 27	1 45	20 24	0 27	21 32	1 16	19 6	0 18	24 29	0 49	7 47	2 11	24 18	0 29	8 12	1 58	34 10	14 40	11 21	10 43	28 2			n.a.
T 19	23 5	23 26	2 44	20 51	0 34	21 13	1 12	19 18	0 19	24 29	0 49	7 49	2 11	24 19	0 29	8 11	1 58	34 10	14 40	11 19	10 42	28 1			n.a.
F 20	23 12	26 21	3 35	21 17	0 41	20 54	1 8	19 30	0 19	24 30	0 50	7 51	2 11	24 19	0 29	8 11	1 58	34 9	14 40	11 17	10 40	28 0			n.a.
S 21	23 18	28 2	4 16	21 42	0 47	20 34	1 4	19 42	0 20	24 30	0 50	7 53	2 11	24 19	0 29	8 11	1 58	34 9	14 40	11 14	10 39	28 0			n.a.
S 22	23 23	28 24	4 45	22 6	0 53	20 14	0 59	19 54	0 21	24 31	0 50	7 54	2 11	24 19	0 29	8 10	1 58	34 8	14 39	11 10	10 38	27 59			n.a.
M23	23 28	27 26	5 1	22 30	0 59	19 54	0 55	20 6	0 22	24 32	0 50	7 56	2 12	24 19	0 29	8 10	1 58	34 8	14 39	11 6	10 37	27 59			n.a.
T 24	23 32	25 15	5 5	22 52	1 5	19 33	0 50	20 18	0 22	24 32	0 50	7 58	2 12	24 19	0 29	8 10	1 58	34 7	14 39	11 3	10 36	27 58			n.a.
W25	23 36	21 58	4 55	23 13	1 11	19 11	0 45	20 29	0 23	24 33	0 51	7 59	2 12	24 19	0 29	8 10	1 58	34 7	14 39	11 0	10 35	27 57			n.a.
T 26	23 40	17 45	4 33	23 34	1 16	18 50	0 40	20 40	0 24	24 33	0 51	8 1	2 12	24 19	0 29	8 9	1 57	34 6	14 39	10 57	10 33	27 57			n.a.
F 27	23 43	12 49	3 58	23 53	1 21	18 28	0 35	20 51	0 24	24 34	0 51	8 3	2 12	24 19	0 29	8 9	1 57	34 6	14 38	10 56	10 32	27 56			n.a.
S 28	23 46	7 17	3 12	24 10	1 26	18 5	0 30	21 1	0 25	24 34	0 51	8 4	2 12	24 19	0 29	8 9	1 57	34 5	14 38	10 55	10 31	27 55			n.a.
S 29	23 48	1 21	2 15	24 27	1 30	17 42	0 25	21 12	0 26	24 35	0 51	8 6	2 12	24 19	0 29	8 9	1 57	34 5	14 38	10 55	10 30	27 55			n.a.
M30	23 50	4s48	1 10	24 42	1 35	17 19	0 19	21 22	0 27	24 35	0 51	8 7	2 13	24 19	0 29	8 9	1 57	34 4	14 38	10 56	10 29	27 54			n.a.
T 31	23s51	10s58	0s 0	24s56	1s39	16s56	0s14	21s32	0s27	24n36	0n52	8s 9	2n13	24n19	0n29	8n 9	1s57	34s 4	14s38	10n56	10n28	27n53			n.a.

Julian Day Number = 1209311.5, Delta T = 09h14m34s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'20, Lahiri = -23°18'20 Julian Calendar 1 Dec. 1403 BCE == Greg. Calendar 18 Nov. 1403 BCE

The year -1402 astronomical counting style corresponds to year 1403 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

JANUARY 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 50 16	28♐58'50	11♏52	19♐30	15♒41	3♐35	5°R32	26♎ 3	2°R16	25°R17	2♒47	27°R56	26♈37	16♋15	n.a.	W 1
T 2	5 54 12	29°59'33	26°12	21°10	16°41	4°21	5♋24	26° 7	2♋14	25♈17	2°48	27♈53	26°34	16°21	n.a.	T 2
F 3	5 58 9	1♑ 0'15	10♐58	22°51	17°41	5° 7	5°16	26°11	2°11	25°16	2°50	27°47	26°31	16°28	n.a.	F 3
S 4	6 2 5	2° 0'55	26° 5	24°33	18°40	5°54	5° 8	26°15	2° 8	25°16	2°51	27°39	26°27	16°35	n.a.	S 4
S 5	6 6 2	3° 1'33	11♑22	26°15	19°39	6°40	5° 0	26°19	2° 6	25°15	2°52	27°29	26°24	16°42	n.a.	S 5
M 6	6 9 59	4° 2'10	26°40	27°58	20°37	7°26	4°52	26°23	2° 3	25°15	2°54	27°19	26°21	16°48	n.a.	M 6
T 7	6 13 55	5° 2'45	11♒45	29°43	21°35	8°13	4°44	26°27	2° 1	25°15	2°55	27° 9	26°18	16°55	n.a.	T 7
W 8	6 17 52	6° 3'17	26°30	1♑28	22°32	8°59	4°36	26°31	1°58	25°14	2°57	27° 2	26°15	17° 2	n.a.	W 8
T 9	6 21 48	7° 3'48	10♓49	3°14	23°28	9°45	4°28	26°35	1°55	25°14	2°58	26°57	26°11	17° 8	n.a.	T 9
F 10	6 25 45	8° 4'17	24°40	5° 1	24°24	10°32	4°20	26°38	1°53	25°14	2°59	26°54	26° 8	17°15	n.a.	F 10
S 11	6 29 41	9° 4'43	8♈ 3	6°49	25°20	11°18	4°13	26°42	1°50	25°14	3° 1	26°D53	26° 5	17°22	n.a.	S 11
S 12	6 33 38	10° 5'07	21° 2	8°37	26°15	12° 5	4° 5	26°46	1°47	25°13	3° 2	26°R53	26° 2	17°29	n.a.	S 12
M13	6 37 34	11° 5'30	3♉41	10°27	27° 9	12°51	3°57	26°49	1°45	25°13	3° 4	26°53	25°59	17°35	n.a.	M13
T 14	6 41 31	12° 5'50	16° 3	12°17	28° 2	13°38	3°49	26°52	1°42	25°13	3° 5	26°52	25°56	17°42	n.a.	T 14
W15	6 45 28	13° 6'08	28°14	14° 9	28°55	14°24	3°41	26°55	1°40	25°13	3° 7	26°48	25°52	17°49	n.a.	W15
T 16	6 49 24	14° 6'24	10♊17	16° 1	29°47	15°11	3°34	26°59	1°37	25°13	3° 8	26°41	25°49	17°56	n.a.	T 16
F 17	6 53 21	15° 6'37	22°14	17°54	0♓38	15°57	3°26	27° 2	1°35	25°13	3°10	26°31	25°46	18° 2	n.a.	F 17
S 18	6 57 17	16° 6'49	4♋ 9	19°47	1°28	16°44	3°18	27° 5	1°32	25°D13	3°11	26°19	25°43	18° 9	n.a.	S 18
S 19	7 1 14	17° 6'59	16° 1	21°42	2°18	17°30	3°11	27° 7	1°30	25°13	3°13	26° 5	25°40	18°16	n.a.	S 19
M20	7 5 10	18° 7'07	27°54	23°36	3° 7	18°17	3° 3	27°10	1°27	25°13	3°14	25°50	25°37	18°22	n.a.	M20
T 21	7 9 7	19° 7'13	9♌48	25°31	3°55	19° 3	2°56	27°13	1°25	25°13	3°16	25°36	25°33	18°29	n.a.	T 21
W22	7 13 4	20° 7'16	21°45	27°27	4°42	19°50	2°49	27°16	1°22	25°13	3°17	25°23	25°30	18°36	n.a.	W22
T 23	7 17 0	21° 7'18	3♍46	29°22	5°28	20°37	2°41	27°18	1°20	25°13	3°19	25°13	25°27	18°43	n.a.	T 23
F 24	7 20 57	22° 7'18	15°54	1♒17	6°13	21°23	2°34	27°20	1°17	25°14	3°20	25° 6	25°24	18°49	n.a.	F 24
S 25	7 24 53	23° 7'16	28°12	3°12	6°57	22°10	2°27	27°23	1°15	25°14	3°22	25° 2	25°21	18°56	n.a.	S 25
S 26	7 28 50	24° 7'12	10♎45	5° 6	7°40	22°56	2°20	27°25	1°13	25°14	3°24	25° 1	25°17	19° 3	n.a.	S 26
M27	7 32 46	25° 7'07	23°36	6°59	8°22	23°43	2°13	27°27	1°10	25°14	3°25	25° 0	25°14	19°10	n.a.	M27
T 28	7 36 43	26° 6'59	6♏50	8°50	9° 2	24°30	2° 7	27°29	1° 8	25°15	3°27	25° 0	25°11	19°16	n.a.	T 28
W29	7 40 39	27° 6'50	20°30	10°39	9°42	25°16	2° 0	27°31	1° 6	25°15	3°28	24°59	25° 8	19°23	n.a.	W29
T 30	7 44 36	28° 6'39	4♐38	12°27	10°20	26° 3	1°54	27°33	1° 3	25°15	3°30	24°56	25° 5	19°30	n.a.	T 30
F 31	7 48 32	29♑ 6'26	19♐14	14♒11	10♓57	26♐49	1♋47	27♎35	1♋ 1	25♈16	3♒31	24♈49	25♈ 2	19♋36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s51	16s50	1s14	25s 8	1s42	16s32	0s 8	21s42	0s28	24n36	0n52	8s10	2n13	24n19	0n29	8n 8	1s57	34s 3	14s37	10n55	10n26	27n53			n.a.
T 2	23 52	21 59	2 25	25 19	1 46	16 9	0 2	21 51	0 29	24 37	0 52	8 12	2 13	24 19	0 29	8 8	1 57	34 3	14 37	10 54	10 25	27 52			n.a.
F 3	23 51	25 55	3 28	25 29	1 49	15 44	0n 4	22 1	0 29	24 37	0 52	8 13	2 13	24 19	0 29	8 8	1 57	34 2	14 37	10 52	10 24	27 51			n.a.
S 4	23 51	28 6	4 18	25 36	1 52	15 20	0 10	22 10	0 30	24 38	0 52	8 15	2 13	24 20	0 29	8 8	1 57	34 2	14 37	10 49	10 23	27 50			n.a.
S 5	23 50	28 11	4 51	25 42	1 54	14 56	0 16	22 19	0 31	24 38	0 52	8 16	2 14	24 20	0 29	8 8	1 57	34 1	14 37	10 46	10 22	27 50			n.a.
M 6	23 48	26 8	5 2	25 47	1 56	14 31	0 23	22 27	0 32	24 39	0 52	8 17	2 14	24 20	0 29	8 8	1 57	34 1	14 37	10 42	10 21	27 49			n.a.
T 7	23 46	22 14	4 53	25 49	1 57	14 6	0 29	22 36	0 32	24 39	0 53	8 18	2 14	24 20	0 29	8 8	1 57	34 0	14 37	10 38	10 19	27 48			n.a.
W 8	23 43	17 1	4 24	25 50	1 59	13 41	0 36	22 44	0 33	24 40	0 53	8 20	2 14	24 20	0 29	8 8	1 57	34 0	14 36	10 36	10 18	27 47			n.a.
T 9	23 40	11 0	3 39	25 49	1 59	13 16	0 43	22 52	0 34	24 40	0 53	8 21	2 14	24 20	0 29	8 8	1 57	33 59	14 36	10 34	10 17	27 47			n.a.
F 10	23 37	4 38	2 42	25 46	2 0	12 50	0 50	22 59	0 34	24 40	0 53	8 22	2 14	24 20	0 29	8 8	1 56	33 59	14 36	10 33	10 16	27 46			n.a.
S 11	23 33	1n45	1 38	25 40	2 0	12 25	0 57	23 7	0 35	24 41	0 53	8 23	2 15	24 20	0 29	8 8	1 56	33 58	14 36	10 32	10 15	27 45			n.a.
S 12	23 28	7 52	0 31	25 33	1 59	11 59	1 4	23 14	0 36	24 41	0 53	8 24	2 15	24 20	0 29	8 8	1 56	33 58	14 36	10 33	10 14	27 44			n.a.
M13	23 23	13 32	0n36	25 24	1 58	11 34	1 11	23 21	0 37	24 41	0 53	8 25	2 15	24 20	0 29	8 8	1 56	33 57	14 36	10 32	10 12	27 44			n.a.
T 14	23 18	18 31	1 40	25 13	1 56	11 8	1 19	23 27	0 37	24 42	0 53	8 26	2 15	24 20	0 29	8 8	1 56	33 57	14 36	10 32	10 11	27 43			n.a.
W15	23 12	22 41	2 38	24 59	1 54	10 43	1 26	23 34	0 38	24 42	0 54	8 27	2 15	24 20	0 29	8 8	1 56	33 56	14 36	10 30	10 10	27 42			n.a.
T 16	23 6	25 49	3 28	24 44	1 51	10 17	1 34	23 40	0 39	24 42	0 54	8 28	2 15	24 20	0 29	8 8	1 56	33 56	14 36	10 28	10 9	27 41			n.a.
F 17	22 59	27 46	4 8	24 26	1 48	9 51	1 42	23 46	0 39	24 43	0 54	8 29	2 16	24 20	0 29	8 8	1 56	33 56	14 35	10 24	10 8	27 40			n.a.
S 18	22 52	28 25	4 38	24 6	1 44	9 26	1 50	23 51	0 40	24 43	0 54	8 30	2 16	24 20	0 29	8 8	1 56	33 55	14 35	10 20	10 7	27 39			n.a.
S 19	22 45	27 45	4 55	23 43	1 40	9 1	1 58	23 56	0 41	24 43	0 54	8 31	2 16	24 20	0 29	8 8	1 56	33 55	14 35	10 15	10 5	27 39			n.a.
M20	22 37	25 49	4 59	23 19	1 35	8 35	2 6	24 1	0 41	24 44	0 54	8 32	2 16	24 20	0 29	8 8	1 56	33 54	14 35	10 9	10 4	27 38			n.a.
T 21	22 28	22 45	4 50	22 52	1 29	8 10	2 14	24 6	0 42	24 44	0 54	8 33	2 16	24 20	0 29	8 8	1 56	33 54	14 35	10 4	10 3	27 37			n.a.
W22	22 19	18 44	4 29	22 23	1 22	7 45	2 23	24 11	0 43	24 44	0 54	8 34	2 16	24 20	0 29	8 8	1 56	33 53	14 35	9 59	10 2	27 36			n.a.
T 23	22 10	13 56	3 55	21 52	1 15	7 20	2 31	24 15	0 43	24 44	0 54	8 34	2 17	24 20	0 29	8 8	1 56	33 53	14 35	9 56	10 1	27 35			n.a.
F 24	22 1	8 34	3 11	21 19	1 7	6 55	2 40	24 19	0 44	24 45	0 54	8 35	2 17	24 20	0 29	8 8	1 55	33 52	14 35	9 53	9 59	27 34			n.a.
S 25	21 50	2 48	2 16	20 44	0 59	6 31	2 49	24 22	0 45	24 45	0 54	8 36	2 17	24 20	0 29	8 9	1 55	33 52	14 35	9 52	9 58	27 33			n.a.
S 26	21 40	3s11	1 15	20 8	0 50	6 6	2 57	24 26	0 46	24 45	0 54	8 36	2 17	24 20	0 29	8 9	1 55	33 51	14 35	9 51	9 57	27 33			n.a.
M27	21 29	9 12	0 7	19 30	0 40	5 42	3 6	24 29	0 46	24 45	0 55	8 37	2 17	24 20	0 29	8 9	1 55	33 51	14 35	9 51	9 56	27 32			n.a.
T 28	21 18	15 1	1s 2	18 50	0 29	5 19	3 15	24 32	0 47	24 45	0 55	8 37	2 18	24 20	0 29	8 9	1 55	33 51	14 35	9 51	9 55	27 31			n.a.
W29	21 6	20 17	2 10	18 10	0 18	4 55	3 25	24 34	0 48	24 45	0 55	8 38	2 18	24 20	0 29	8 9	1 55	33 50	14 35	9 50	9 54	27 30			n.a.
T 30	20 54	24 36	3 13	17 28	0 7	4 32	3 34	24 36	0 48	24 46	0 55	8 39	2 18	24 20	0 29	8 10	1 55	33 50	14 35	9 49	9 52	27 29			n.a.
F 31	20s42	27s29	4s 5	16s46	0n 6	4s 9	3n43	24s38	0s49	24n46	0n55	8s39	2n18	24n20	0n29	8n10	1s55	33s49	14s35	9n47	9n51	27n28			n.a.

Julian Day Number = 1209342.5, Delta T = 09h14m32s
Ecliptic obliquity = 23°51'43, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'16, Lahiri = -23°18'16 Julian Calendar 1 Jan. 1402 BCE == Greg. Calendar 19 Dec. 1403 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

FEBRUARY 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 52 29	0♒ 6'12	4♉13	15♒53	11♓33	27♐36	1°R41	27♎36	0°R59	25♈16	3♒33	24°R41	24♈58	19♋43	n.a.	S 1
S 2	7 56 26	1° 5'55	19°28	17°30	12° 8	28°23	1♋35	27°38	0♋57	25°17	3°35	24♈30	24°55	19°50	n.a.	S 2
M 3	8 0 22	2° 5'36	4♒48	19° 3	12°41	29° 9	1°29	27°40	0°55	25°17	3°36	24°19	24°52	19°57	n.a.	M 3
T 4	8 4 19	3° 5'15	20° 1	20°32	13°12	29°56	1°23	27°41	0°53	25°18	3°38	24° 8	24°49	20° 3	n.a.	T 4
W 5	8 8 15	4° 4'52	4♓57	21°55	13°42	0♉43	1°17	27°42	0°50	25°19	3°39	23°59	24°46	20°10	n.a.	W 5
T 6	8 12 12	5° 4'26	19°28	23°13	14°10	1°29	1°12	27°43	0°48	25°19	3°41	23°53	24°43	20°17	n.a.	T 6
F 7	8 16 8	6° 3'58	3♈29	24°25	14°37	2°16	1° 6	27°44	0°46	25°20	3°42	23°49	24°39	20°23	n.a.	F 7
S 8	8 20 5	7° 3'27	17° 1	25°30	15° 2	3° 3	1° 1	27°45	0°44	25°21	3°44	23°48	24°36	20°30	n.a.	S 8
S 9	8 24 1	8° 2'54	0♉ 6	26°28	15°25	3°49	0°56	27°46	0°42	25°21	3°46	23°D48	24°33	20°37	n.a.	S 9
M10	8 27 58	9° 2'18	12°46	27°19	15°47	4°36	0°51	27°47	0°41	25°22	3°47	23°R48	24°30	20°44	n.a.	M10
T 11	8 31 55	10° 1'40	25° 8	28° 3	16° 6	5°22	0°46	27°48	0°39	25°23	3°49	23°47	24°27	20°50	n.a.	T 11
W12	8 35 51	11° 1'00	7♊16	28°39	16°24	6° 9	0°41	27°48	0°37	25°24	3°50	23°44	24°23	20°57	n.a.	W12
T 13	8 39 48	12° 0'17	19°15	29° 7	16°39	6°56	0°37	27°49	0°35	25°25	3°52	23°38	24°20	21° 4	n.a.	T 13
F 14	8 43 44	12°59'32	1♋ 8	29°28	16°52	7°42	0°33	27°49	0°33	25°26	3°53	23°30	24°17	21°11	n.a.	F 14
S 15	8 47 41	13°58'44	13° 0	29°40	17° 3	8°29	0°28	27°50	0°32	25°27	3°55	23°19	24°14	21°17	n.a.	S 15
S 16	8 51 37	14°57'54	24°52	29°R45	17°12	9°15	0°25	27°50	0°30	25°27	3°56	23° 7	24°11	21°24	n.a.	S 16
M17	8 55 34	15°57'01	6♌46	29°43	17°19	10° 2	0°21	27°50	0°28	25°28	3°58	22°54	24° 8	21°31	n.a.	M17
T 18	8 59 30	16°56'07	18°45	29°34	17°23	10°48	0°17	27°R50	0°27	25°30	4° 0	22°42	24° 4	21°37	n.a.	T 18
W19	9 3 27	17°55'10	0♍49	29°17	17°R25	11°35	0°14	27°50	0°25	25°31	4° 1	22°31	24° 1	21°44	n.a.	W19
T 20	9 7 23	18°54'11	12°59	28°54	17°24	12°21	0°10	27°50	0°24	25°32	4° 3	22°22	23°58	21°51	n.a.	T 20
F 21	9 11 20	19°53'10	25°17	28°25	17°22	13° 8	0° 7	27°49	0°22	25°33	4° 4	22°16	23°55	21°58	n.a.	F 21
S 22	9 15 17	20°52'07	7♎45	27°52	17°16	13°54	0° 4	27°49	0°21	25°34	4° 6	22°13	23°52	22° 4	n.a.	S 22
S 23	9 19 13	21°51'01	20°26	27°13	17° 8	14°41	0° 2	27°48	0°20	25°35	4° 7	22°D12	23°49	22°11	n.a.	S 23
M24	9 23 10	22°49'54	3♏22	26°31	16°58	15°27	29♊59	27°48	0°18	25°36	4° 9	22°12	23°45	22°18	n.a.	M24
T 25	9 27 6	23°48'46	16°35	25°47	16°45	16°14	29°57	27°47	0°17	25°38	4°10	22°13	23°42	22°25	n.a.	T 25
W26	9 31 3	24°47'35	0♐10	25° 0	16°30	17° 0	29°55	27°46	0°16	25°39	4°12	22°R13	23°39	22°31	n.a.	W26
T 27	9 34 59	25°46'22	14° 8	24°13	16°12	17°47	29°53	27°45	0°15	25°40	4°13	22°11	23°36	22°38	n.a.	T 27
F 28	9 38 56	26♒45'08	28♐29	23♒25	15♓52	18♉33	29♊51	27♎44	0♋14	25♈41	4♒15	22♈ 8	23♈33	22♋45	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s29	28s29	4s41	16s 4	0n18	3s47	3n52	24s40	0s50	24n46	0n55	8s39	2n18	24n20	0n29	8n10	1s55	33s49	14s35	9n43	9n50	27n27		n.a.
S 2	20 16	27 21	4 59	15 22	0 32	3 25	4 2	24 41	0 50	24 46	0 55	8 40	2 19	24 20	0 29	8 10	1 55	33 49	14 35	9 39	9 49	27 26		n.a.
M 3	20 3	24 10	4 55	14 40	0 45	3 3	4 11	24 42	0 51	24 46	0 55	8 40	2 19	24 20	0 29	8 11	1 55	33 48	14 35	9 35	9 48	27 25		n.a.
T 4	19 49	19 20	4 30	13 58	0 59	2 42	4 21	24 43	0 52	24 46	0 55	8 40	2 19	24 20	0 29	8 11	1 55	33 48	14 35	9 31	9 47	27 24		n.a.
W 5	19 35	13 23	3 47	13 18	1 13	2 22	4 31	24 44	0 52	24 46	0 55	8 41	2 19	24 20	0 29	8 11	1 55	33 47	14 35	9 28	9 45	27 23		n.a.
T 6	19 20	6 51	2 51	12 39	1 27	2 2	4 40	24 44	0 53	24 46	0 55	8 41	2 19	24 21	0 29	8 11	1 55	33 47	14 35	9 25	9 44	27 22		n.a.
F 7	19 5	0 12	1 45	12 2	1 40	1 43	4 50	24 44	0 53	24 46	0 55	8 41	2 20	24 21	0 29	8 12	1 54	33 47	14 35	9 24	9 43	27 21		n.a.
S 8	18 50	6n15	0 36	11 28	1 54	1 24	5 0	24 44	0 54	24 46	0 55	8 41	2 20	24 21	0 29	8 12	1 54	33 46	14 35	9 24	9 42	27 20		n.a.
S 9	18 35	12 13	0n33	10 55	2 8	1 6	5 9	24 43	0 55	24 46	0 55	8 42	2 20	24 21	0 29	8 12	1 54	33 46	14 35	9 24	9 41	27 19		n.a.
M10	18 19	17 31	1 39	10 25	2 21	0 49	5 19	24 42	0 55	24 46	0 55	8 42	2 20	24 21	0 29	8 13	1 54	33 45	14 35	9 24	9 39	27 18		n.a.
T 11	18 3	21 56	2 38	9 58	2 33	0 32	5 29	24 41	0 56	24 47	0 55	8 42	2 20	24 21	0 29	8 13	1 54	33 45	14 35	9 23	9 38	27 17		n.a.
W12	17 46	25 20	3 29	9 35	2 45	0 17	5 38	24 40	0 57	24 47	0 55	8 42	2 20	24 21	0 29	8 13	1 54	33 45	14 35	9 22	9 37	27 16		n.a.
T 13	17 30	27 34	4 9	9 14	2 56	0 2	5 48	24 38	0 57	24 47	0 55	8 42	2 21	24 21	0 29	8 14	1 54	33 44	14 35	9 20	9 36	27 15		n.a.
F 14	17 13	28 30	4 39	8 57	3 6	0n12	5 58	24 36	0 58	24 47	0 55	8 42	2 21	24 21	0 29	8 14	1 54	33 44	14 35	9 17	9 35	27 14		n.a.
S 15	16 55	28 8	4 56	8 44	3 16	0 25	6 7	24 34	0 59	24 47	0 55	8 42	2 21	24 21	0 29	8 15	1 54	33 44	14 35	9 13	9 33	27 13		n.a.
S 16	16 38	26 28	5 1	8 35	3 24	0 37	6 16	24 31	0 59	24 47	0 55	8 42	2 21	24 21	0 29	8 15	1 54	33 43	14 36	9 8	9 32	27 12		n.a.
M17	16 20	23 37	4 53	8 30	3 30	0 48	6 25	24 28	1 0	24 47	0 55	8 41	2 21	24 21	0 29	8 16	1 54	33 43	14 36	9 3	9 31	27 11		n.a.
T 18	16 2	19 45	4 31	8 28	3 36	0 58	6 34	24 25	1 0	24 47	0 55	8 41	2 22	24 21	0 29	8 16	1 54	33 43	14 36	8 59	9 30	27 10		n.a.
W19	15 44	15 4	3 58	8 30	3 40	1 7	6 43	24 22	1 1	24 47	0 55	8 41	2 22	24 21	0 29	8 16	1 54	33 42	14 36	8 55	9 29	27 9		n.a.
T 20	15 25	9 45	3 13	8 36	3 42	1 14	6 52	24 18	1 2	24 47	0 55	8 41	2 22	24 21	0 29	8 17	1 54	33 42	14 36	8 51	9 28	27 7		n.a.
F 21	15 7	4 1	2 18	8 45	3 42	1 21	7 0	24 14	1 2	24 47	0 55	8 40	2 22	24 20	0 29	8 17	1 54	33 42	14 36	8 49	9 26	27 6		n.a.
S 22	14 47	1s58	1 16	8 58	3 41	1 26	7 8	24 10	1 3	24 47	0 55	8 40	2 22	24 20	0 29	8 18	1 53	33 42	14 36	8 48	9 25	27 5		n.a.
S 23	14 28	7 58	0 9	9 14	3 38	1 30	7 15	24 5	1 3	24 47	0 55	8 40	2 23	24 20	0 29	8 18	1 53	33 41	14 36	8 47	9 24	27 4		n.a.
M24	14 9	13 47	0s59	9 33	3 34	1 32	7 22	24 0	1 4	24 47	0 55	8 39	2 23	24 20	0 29	8 19	1 53	33 41	14 36	8 48	9 23	27 3		n.a.
T 25	13 49	19 6	2 7	9 54	3 28	1 33	7 29	23 55	1 4	24 46	0 55	8 39	2 23	24 20	0 29	8 19	1 53	33 41	14 37	8 48	9 22	27 2		n.a.
W26	13 29	23 37	3 9	10 17	3 20	1 33	7 35	23 50	1 5	24 46	0 55	8 39	2 23	24 20	0 29	8 20	1 53	33 41	14 37	8 48	9 20	27 1		n.a.
T 27	13 9	26 53	4 1	10 42	3 10	1 32	7 41	23 44	1 6	24 46	0 55	8 38	2 23	24 20	0 29	8 20	1 53	33 40	14 37	8 47	9 19	27 0		n.a.
F 28	12s49	28s31	4s40	11s 8	3n 0	1n28	7n46	23s39	1s 6	24n46	0n55	8s38	2n23	24n20	0n29	8n21	1s53	33s40	14s37	8n46	9n18	26n58		n.a.

Julian Day Number = 1209373.5, Delta T = 09h14m30s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'12, Lahiri = -23°18'11 Julian Calendar 1 Feb. 1402 BCE == Greg. Calendar 19 Jan. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

MARCH 1402 BCE (-1401) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 42 52	27♒43'52	13♉10	22°R39	15°R29	19♉20	29°R49	27°R43	0°R13	25♈43	4♒16	22°R 2	23♈29	22♋51	n.a.	S 1
S 2	9 46 49	28°42'34	28° 7	21♒54	15♓ 5	20° 6	29♊48	27♎42	0♋12	25°44	4°18	21♈55	23°26	22°58	n.a.	S 2
M 3	9 50 46	29°41'14	13♒11	21°12	14°38	20°52	29°46	27°41	0°11	25°45	4°19	21°46	23°23	23° 5	n.a.	M 3
T 4	9 54 42	0♓39'52	28°13	20°33	14° 9	21°39	29°45	27°40	0°10	25°47	4°20	21°39	23°20	23°12	n.a.	T 4
W 5	9 58 39	1°38'28	13♓ 3	19°58	13°39	22°25	29°45	27°38	0° 9	25°48	4°22	21°32	23°17	23°18	n.a.	W 5
T 6	10 2 35	2°37'01	27°33	19°27	13° 7	23°11	29°44	27°37	0° 8	25°50	4°23	21°28	23°14	23°25	n.a.	T 6
F 7	10 6 32	3°35'33	11♈37	19° 0	12°33	23°58	29°43	27°35	0° 7	25°51	4°25	21°26	23°10	23°32	n.a.	F 7
S 8	10 10 28	4°34'02	25°15	18°38	11°58	24°44	29°43	27°33	0° 6	25°53	4°26	21°D25	23° 7	23°39	n.a.	S 8
S 9	10 14 25	5°32'29	8♉25	18°21	11°22	25°30	29°D43	27°32	0° 6	25°54	4°27	21°26	23° 4	23°45	n.a.	S 9
M10	10 18 21	6°30'53	21°12	18°10	10°45	26°16	29°43	27°30	0° 5	25°56	4°29	21°27	23° 1	23°52	n.a.	M10
T 11	10 22 18	7°29'16	3♊38	18° 3	10° 7	27° 2	29°43	27°28	0° 5	25°58	4°30	21°R28	22°58	23°59	n.a.	T 11
W12	10 26 14	8°27'36	15°48	18°D 2	9°29	27°49	29°44	27°26	0° 4	25°59	4°32	21°28	22°55	24° 5	n.a.	W12
T 13	10 30 11	9°25'54	27°48	18° 5	8°51	28°35	29°44	27°24	0° 4	26° 1	4°33	21°26	22°51	24°12	n.a.	T 13
F 14	10 34 8	10°24'10	9♋41	18°14	8°13	29°21	29°45	27°21	0° 3	26° 3	4°34	21°23	22°48	24°19	n.a.	F 14
S 15	10 38 4	11°22'24	21°33	18°27	7°35	0♒ 7	29°46	27°19	0° 3	26° 4	4°36	21°17	22°45	24°26	n.a.	S 15
S 16	10 42 1	12°20'35	3♌26	18°45	6°58	0°53	29°47	27°17	0° 3	26° 6	4°37	21°11	22°42	24°32	n.a.	S 16
M17	10 45 57	13°18'44	15°24	19° 8	6°21	1°39	29°49	27°14	0° 2	26° 8	4°38	21° 4	22°39	24°39	n.a.	M17
T 18	10 49 54	14°16'52	27°29	19°35	5°46	2°25	29°50	27°12	0° 2	26° 9	4°39	20°57	22°35	24°46	n.a.	T 18
W19	10 53 50	15°14'57	9♍43	20° 6	5°12	3°11	29°52	27° 9	0° 2	26°11	4°41	20°51	22°32	24°52	n.a.	W19
T 20	10 57 47	16°13'00	22° 6	20°42	4°39	3°57	29°54	27° 6	0° 2	26°13	4°42	20°47	22°29	24°59	n.a.	T 20
F 21	11 1 43	17°11'02	4♎40	21°21	4° 9	4°42	29°56	27° 3	0°D 2	26°15	4°43	20°44	22°26	25° 6	n.a.	F 21
S 22	11 5 40	18° 9'02	17°25	22° 4	3°39	5°28	29°58	27° 1	0° 2	26°17	4°44	20°D43	22°23	25°13	n.a.	S 22
S 23	11 9 36	19° 7'00	0♏23	22°51	3°12	6°14	0♋ 1	26°58	0° 2	26°18	4°46	20°43	22°20	25°19	n.a.	S 23
M24	11 13 33	20° 4'57	13°33	23°41	2°47	7° 0	0° 3	26°55	0° 2	26°20	4°47	20°44	22°16	25°26	n.a.	M24
T 25	11 17 30	21° 2'52	26°59	24°34	2°25	7°46	0° 6	26°52	0° 3	26°22	4°48	20°46	22°13	25°33	n.a.	T 25
W26	11 21 26	22° 0'46	10♐39	25°31	2° 4	8°31	0° 9	26°48	0° 3	26°24	4°49	20°47	22°10	25°40	n.a.	W26
T 27	11 25 23	22°58'39	24°35	26°30	1°46	9°17	0°12	26°45	0° 3	26°26	4°50	20°R48	22° 7	25°46	n.a.	T 27
F 28	11 29 19	23°56'30	8♑46	27°33	1°30	10° 2	0°15	26°42	0° 3	26°28	4°51	20°47	22° 4	25°53	n.a.	F 28
S 29	11 33 16	24°54'20	23°11	28°38	1°17	10°48	0°19	26°39	0° 4	26°30	4°52	20°45	22° 0	26° 0	n.a.	S 29
S 30	11 37 12	25°52'09	7♒45	29°46	1° 6	11°34	0°23	26°35	0° 4	26°32	4°53	20°42	21°57	26° 6	n.a.	S 30
M31	11 41 9	26♓49'56	22♒24	0♓57	0♓58	12♒19	0♋26	26♎32	0♋ 5	26♈34	4♒55	20♈39	21♈54	26♋13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12s28	28s12	5s 2	11s34	2n48	1n24	7n51	23s32	1s 7	24n46	0n55	8s37	2n24	24n20	0n29	8n21	1s53	33s40	14s37	8n44	9n17	26n57		n.a.
S 2	12 8	25 51	5 4	12 1	2 35	1 18	7 55	23 26	1 7	24 46	0 55	8 36	2 24	24 20	0 29	8 22	1 53	33 40	14 37	8 41	9 16	26 56		n.a.
M 3	11 47	21 41	4 45	12 28	2 21	1 11	7 58	23 19	1 8	24 46	0 55	8 36	2 24	24 20	0 29	8 23	1 53	33 39	14 37	8 38	9 14	26 55		n.a.
T 4	11 26	16 8	4 6	12 54	2 6	1 2	8 0	23 13	1 8	24 46	0 55	8 35	2 24	24 20	0 29	8 23	1 53	33 39	14 38	8 35	9 13	26 54		n.a.
W 5	11 5	9 42	3 11	13 20	1 51	0 51	8 2	23 5	1 9	24 46	0 54	8 35	2 24	24 20	0 29	8 24	1 53	33 39	14 38	8 32	9 12	26 53		n.a.
T 6	10 43	2 54	2 5	13 45	1 35	0 40	8 3	22 58	1 9	24 46	0 54	8 34	2 25	24 20	0 29	8 24	1 53	33 39	14 38	8 31	9 11	26 51		n.a.
F 7	10 22	3n52	0 53	14 8	1 20	0 27	8 3	22 50	1 10	24 46	0 54	8 33	2 25	24 20	0 29	8 25	1 53	33 38	14 38	8 30	9 10	26 50		n.a.
S 8	10 0	10 15	0n21	14 30	1 4	0 13	8 2	22 43	1 10	24 46	0 54	8 32	2 25	24 20	0 29	8 26	1 53	33 38	14 38	8 30	9 8	26 49		n.a.
S 9	9 39	15 59	1 30	14 50	0 48	0s 3	8 0	22 34	1 11	24 46	0 54	8 31	2 25	24 20	0 29	8 26	1 53	33 38	14 39	8 30	9 7	26 48		n.a.
M10	9 17	20 51	2 34	15 8	0 33	0 19	7 57	22 26	1 11	24 46	0 54	8 31	2 25	24 20	0 29	8 27	1 53	33 38	14 39	8 31	9 6	26 46		n.a.
T 11	8 55	24 39	3 28	15 25	0 17	0 36	7 54	22 18	1 12	24 46	0 54	8 30	2 25	24 20	0 29	8 27	1 52	33 38	14 39	8 31	9 5	26 45		n.a.
W12	8 32	27 15	4 12	15 39	0 3	0 55	7 49	22 9	1 12	24 46	0 54	8 29	2 25	24 20	0 29	8 28	1 52	33 38	14 39	8 31	9 4	26 44		n.a.
T 13	8 10	28 34	4 43	15 52	0s12	1 14	7 44	22 0	1 13	24 46	0 54	8 28	2 26	24 20	0 29	8 29	1 52	33 37	14 39	8 30	9 2	26 43		n.a.
F 14	7 48	28 32	5 3	16 2	0 26	1 34	7 38	21 50	1 13	24 46	0 54	8 27	2 26	24 20	0 28	8 29	1 52	33 37	14 40	8 29	9 1	26 41		n.a.
S 15	7 25	27 11	5 9	16 11	0 39	1 55	7 31	21 41	1 14	24 46	0 54	8 26	2 26	24 20	0 28	8 30	1 52	33 37	14 40	8 27	9 0	26 40		n.a.
S 16	7 3	24 37	5 2	16 17	0 52	2 15	7 23	21 31	1 14	24 46	0 54	8 25	2 26	24 20	0 28	8 31	1 52	33 37	14 40	8 24	8 59	26 39		n.a.
M17	6 40	20 59	4 42	16 21	1 4	2 37	7 15	21 21	1 15	24 46	0 54	8 24	2 26	24 20	0 28	8 31	1 52	33 37	14 40	8 22	8 58	26 38		n.a.
T 18	6 18	16 27	4 9	16 23	1 15	2 58	7 6	21 11	1 15	24 46	0 54	8 23	2 26	24 20	0 28	8 32	1 52	33 37	14 40	8 19	8 56	26 36		n.a.
W19	5 55	11 13	3 24	16 24	1 26	3 20	6 56	21 1	1 16	24 46	0 54	8 22	2 26	24 20	0 28	8 33	1 52	33 37	14 41	8 17	8 55	26 35		n.a.
T 20	5 32	5 28	2 29	16 22	1 36	3 42	6 45	20 50	1 16	24 45	0 54	8 21	2 27	24 20	0 28	8 34	1 52	33 37	14 41	8 15	8 54	26 34		n.a.
F 21	5 9	0s34	1 26	16 18	1 45	4 3	6 34	20 40	1 16	24 45	0 54	8 20	2 27	24 20	0 28	8 34	1 52	33 37	14 41	8 14	8 53	26 32		n.a.
S 22	4 46	6 41	0 18	16 12	1 54	4 24	6 23	20 29	1 17	24 45	0 54	8 19	2 27	24 20	0 28	8 35	1 52	33 36	14 41	8 14	8 52	26 31		n.a.
S 23	4 23	12 37	0s53	16 4	2 2	4 45	6 11	20 17	1 17	24 45	0 54	8 17	2 27	24 20	0 28	8 36	1 52	33 36	14 42	8 14	8 50	26 30		n.a.
M24	4 0	18 7	2 2	15 54	2 9	5 5	5 59	20 6	1 18	24 45	0 54	8 16	2 27	24 20	0 28	8 36	1 52	33 36	14 42	8 14	8 49	26 28		n.a.
T 25	3 37	22 50	3 5	15 42	2 16	5 25	5 46	19 54	1 18	24 45	0 53	8 15	2 27	24 20	0 28	8 37	1 52	33 36	14 42	8 15	8 48	26 27		n.a.
W26	3 13	26 23	4 0	15 28	2 22	5 45	5 33	19 43	1 18	24 45	0 53	8 14	2 27	24 20	0 28	8 38	1 52	33 36	14 42	8 15	8 47	26 26		n.a.
T 27	2 50	28 26	4 41	15 12	2 27	6 3	5 20	19 31	1 19	24 45	0 53	8 12	2 27	24 20	0 28	8 39	1 52	33 36	14 43	8 15	8 46	26 24		n.a.
F 28	2 27	28 40	5 6	14 54	2 32	6 21	5 7	19 19	1 19	24 45	0 53	8 11	2 28	24 20	0 28	8 39	1 52	33 36	14 43	8 15	8 44	26 23		n.a.
S 29	2 4	26 58	5 13	14 35	2 36	6 38	4 54	19 6	1 20	24 45	0 53	8 10	2 28	24 20	0 28	8 40	1 52	33 36	14 43	8 14	8 43	26 21		n.a.
S 30	1 40	23 28	5 0	14 13	2 39	6 55	4 41	18 54	1 20	24 45	0 53	8 8	2 28	24 20	0 28	8 41	1 52	33 36	14 44	8 13	8 42	26 20		n.a.
M31	1s17	18s29	4s27	13s50	2s41	7s10	4n27	18s41	1s20	24n45	0n53	8s 7	2n28	24n20	0n28	8n42	1s52	33s36	14s44	8n12	8n41	26n19		n.a.

Julian Day Number = 1209401.5, Delta T = 09h14m29s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'08, Lahiri = -23°18'08 Julian Calendar 1 March 1402 BCE == Greg. Calendar 16 Feb. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

APRIL 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 45 5	27♓47'41	7♓ 1	2♓10	0°R52	13♒ 5	0♋30	26°R28	0♋ 5	26♈36	4♒56	20°R36	21♈51	26♋20	n.a.	T 1
W 2	11 49 2	28°45'25	21°29	3°26	0♓48	13°50	0°35	26♎25	0° 6	26°38	4°57	20♈33	21°48	26°27	n.a.	W 2
T 3	11 52 59	29°43'08	5♈44	4°44	0°D47	14°35	0°39	26°21	0° 7	26°40	4°58	20°32	21°45	26°33	n.a.	T 3
F 4	11 56 55	0♈40'49	19°39	6° 5	0°48	15°21	0°43	26°17	0° 7	26°42	4°59	20°D31	21°41	26°40	n.a.	F 4
S 5	12 0 52	1°38'29	3♉12	7°28	0°52	16° 6	0°48	26°14	0° 8	26°44	5° 0	20°31	21°38	26°47	n.a.	S 5
S 6	12 4 48	2°36'07	16°22	8°53	0°58	16°51	0°53	26°10	0° 9	26°46	5° 1	20°33	21°35	26°54	n.a.	S 6
M 7	12 8 45	3°33'43	29°11	10°21	1° 5	17°36	0°58	26° 6	0°10	26°48	5° 1	20°34	21°32	27° 0	n.a.	M 7
T 8	12 12 41	4°31'18	11♊40	11°51	1°15	18°21	1° 3	26° 2	0°11	26°50	5° 2	20°35	21°29	27° 7	n.a.	T 8
W 9	12 16 38	5°28'51	23°53	13°23	1°28	19° 6	1° 8	25°58	0°12	26°52	5° 3	20°36	21°26	27°14	n.a.	W 9
T 10	12 20 34	6°26'23	5♋55	14°57	1°42	19°52	1°13	25°54	0°13	26°55	5° 4	20°R36	21°22	27°20	n.a.	T 10
F 11	12 24 31	7°23'53	17°51	16°34	1°58	20°36	1°19	25°50	0°14	26°57	5° 5	20°36	21°19	27°27	n.a.	F 11
S 12	12 28 28	8°21'21	29°44	18°13	2°16	21°21	1°25	25°46	0°15	26°59	5° 6	20°35	21°16	27°34	n.a.	S 12
S 13	12 32 24	9°18'48	11♌39	19°54	2°36	22° 6	1°31	25°42	0°16	27° 1	5° 7	20°34	21°13	27°41	n.a.	S 13
M14	12 36 21	10°16'14	23°40	21°37	2°57	22°51	1°36	25°38	0°18	27° 3	5° 7	20°33	21°10	27°47	n.a.	M14
T 15	12 40 17	11°13'38	5♍50	23°23	3°21	23°36	1°43	25°34	0°19	27° 5	5° 8	20°31	21° 6	27°54	n.a.	T 15
W16	12 44 14	12°11'01	18°13	25°10	3°46	24°21	1°49	25°30	0°20	27° 7	5° 9	20°30	21° 3	28° 1	n.a.	W16
T 17	12 48 10	13° 8'22	0♎49	27° 0	4°12	25° 5	1°55	25°25	0°22	27°10	5°10	20°29	21° 0	28° 7	n.a.	T 17
F 18	12 52 7	14° 5'43	13°40	28°52	4°40	25°50	2° 2	25°21	0°23	27°12	5°10	20°29	20°57	28°14	n.a.	F 18
S 19	12 56 3	15° 3'02	26°47	0♈46	5°10	26°34	2° 9	25°17	0°25	27°14	5°11	20°D29	20°54	28°21	n.a.	S 19
S 20	13 0 0	16° 0'20	10♏ 8	2°42	5°41	27°19	2°15	25°13	0°26	27°16	5°12	20°29	20°51	28°28	n.a.	S 20
M21	13 3 56	16°57'38	23°42	4°41	6°14	28° 3	2°22	25° 8	0°28	27°18	5°12	20°30	20°47	28°34	n.a.	M21
T 22	13 7 53	17°54'54	7♐29	6°41	6°47	28°48	2°29	25° 4	0°29	27°21	5°13	20°30	20°44	28°41	n.a.	T 22
W23	13 11 50	18°52'10	21°26	8°43	7°23	29°32	2°37	25° 0	0°31	27°23	5°14	20°30	20°41	28°48	n.a.	W23
T 24	13 15 46	19°49'26	5♑31	10°47	7°59	0♓16	2°44	24°55	0°33	27°25	5°14	20°30	20°38	28°55	n.a.	T 24
F 25	13 19 43	20°46'41	19°43	12°53	8°36	1° 1	2°51	24°51	0°35	27°27	5°15	20°30	20°35	29° 1	n.a.	F 25
S 26	13 23 39	21°43'55	3♒58	15° 0	9°15	1°45	2°59	24°47	0°36	27°29	5°15	20°30	20°32	29° 8	n.a.	S 26
S 27	13 27 36	22°41'09	18°14	17° 9	9°55	2°29	3° 7	24°42	0°38	27°32	5°16	20°30	20°28	29°15	n.a.	S 27
M28	13 31 32	23°38'22	2♓29	19°18	10°36	3°13	3°15	24°38	0°40	27°34	5°16	20°31	20°25	29°21	n.a.	M28
T 29	13 35 29	24°35'35	16°39	21°29	11°18	3°57	3°23	24°33	0°42	27°36	5°17	20°31	20°22	29°28	n.a.	T 29
W30	13 39 26	25♈32'47	0♈40	23♈40	12♓ 0	4♓41	3♋31	24♎29	0♋44	27♈38	5♒17	20♈31	20♈19	29♋35	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s54	12s26	3s37	13s25	2s43	7s24	4n14	18s28	1s21	24n45	0n53	8s 6	2n28	24n20	0n28	8n42	1s52	33s36	14s44	8n11	8n40	26n17		n.a.
W 2	0 30	5 46	2 33	12 58	2 45	7 38	4 1	18 15	1 21	24 45	0 53	8 4	2 28	24 20	0 28	8 43	1 51	33 36	14 44	8 10	8 38	26 16		n.a.
T 3	0 7	1n 5	1 21	12 30	2 45	7 51	3 48	18 2	1 21	24 45	0 53	8 3	2 28	24 20	0 28	8 44	1 51	33 36	14 45	8 9	8 37	26 14		n.a.
F 4	0n17	7 45	0 5	12 0	2 45	8 3	3 35	17 49	1 22	24 45	0 53	8 2	2 28	24 20	0 28	8 45	1 51	33 36	14 45	8 9	8 36	26 13		n.a.
S 5	0 40	13 53	1n 9	11 28	2 45	8 13	3 22	17 35	1 22	24 44	0 53	8 0	2 28	24 20	0 28	8 45	1 51	33 36	14 45	8 9	8 35	26 12		n.a.
S 6	1 3	19 13	2 18	10 54	2 43	8 23	3 9	17 22	1 22	24 44	0 53	7 59	2 28	24 20	0 28	8 46	1 51	33 36	14 46	8 10	8 34	26 10		n.a.
M 7	1 26	23 32	3 17	10 18	2 42	8 32	2 56	17 8	1 23	24 44	0 53	7 57	2 28	24 20	0 28	8 47	1 51	33 36	14 46	8 10	8 32	26 9		n.a.
T 8	1 50	26 38	4 6	9 41	2 39	8 40	2 44	16 54	1 23	24 44	0 53	7 56	2 28	24 20	0 28	8 48	1 51	33 36	14 46	8 11	8 31	26 7		n.a.
W 9	2 13	28 25	4 42	9 2	2 36	8 47	2 32	16 40	1 23	24 44	0 53	7 54	2 28	24 20	0 28	8 49	1 51	33 36	14 47	8 11	8 30	26 6		n.a.
T 10	2 36	28 49	5 5	8 22	2 33	8 53	2 20	16 26	1 23	24 44	0 53	7 53	2 28	24 20	0 28	8 49	1 51	33 36	14 47	8 11	8 29	26 4		n.a.
F 11	2 59	27 51	5 15	7 40	2 28	8 58	2 8	16 12	1 24	24 44	0 53	7 51	2 29	24 20	0 28	8 50	1 51	33 36	14 47	8 11	8 27	26 3		n.a.
S 12	3 22	25 38	5 12	6 56	2 24	9 2	1 57	15 57	1 24	24 44	0 52	7 50	2 29	24 20	0 28	8 51	1 51	33 37	14 48	8 11	8 26	26 1		n.a.
S 13	3 45	22 18	4 55	6 11	2 18	9 5	1 46	15 43	1 24	24 44	0 52	7 48	2 29	24 20	0 28	8 52	1 51	33 37	14 48	8 10	8 25	26 0		n.a.
M14	4 8	18 1	4 25	5 24	2 12	9 8	1 35	15 28	1 24	24 44	0 52	7 47	2 29	24 20	0 28	8 53	1 51	33 37	14 48	8 10	8 24	25 58		n.a.
T 15	4 31	12 58	3 42	4 36	2 6	9 9	1 24	15 13	1 25	24 43	0 52	7 45	2 29	24 20	0 28	8 53	1 51	33 37	14 49	8 9	8 23	25 57		n.a.
W16	4 54	7 20	2 49	3 46	1 59	9 10	1 14	14 58	1 25	24 43	0 52	7 43	2 29	24 20	0 28	8 54	1 51	33 37	14 49	8 9	8 21	25 55		n.a.
T 17	5 17	1 18	1 47	2 55	1 52	9 9	1 4	14 43	1 25	24 43	0 52	7 42	2 29	24 20	0 28	8 55	1 51	33 37	14 49	8 8	8 20	25 54		n.a.
F 18	5 39	4s55	0 38	2 2	1 44	9 8	0 54	14 28	1 25	24 43	0 52	7 40	2 29	24 20	0 28	8 56	1 51	33 37	14 50	8 8	8 19	25 52		n.a.
S 19	6 2	11 2	0s35	1 8	1 35	9 6	0 44	14 13	1 26	24 43	0 52	7 39	2 29	24 20	0 28	8 57	1 51	33 37	14 50	8 8	8 18	25 51		n.a.
S 20	6 24	16 48	1 47	0 13	1 26	9 3	0 35	13 57	1 26	24 43	0 52	7 37	2 29	24 20	0 28	8 58	1 51	33 38	14 50	8 8	8 17	25 49		n.a.
M21	6 47	21 50	2 54	0n43	1 17	8 59	0 26	13 42	1 26	24 42	0 52	7 36	2 29	24 20	0 28	8 58	1 51	33 38	14 51	8 9	8 15	25 48		n.a.
T 22	7 9	25 45	3 52	1 40	1 8	8 55	0 17	13 26	1 26	24 42	0 52	7 34	2 29	24 20	0 28	8 59	1 51	33 38	14 51	8 9	8 14	25 46		n.a.
W23	7 31	28 11	4 37	2 38	0 58	8 50	0 8	13 11	1 26	24 42	0 52	7 32	2 29	24 20	0 28	9 0	1 51	33 38	14 51	8 9	8 13	25 45		n.a.
T 24	7 53	28 50	5 6	3 37	0 48	8 44	0s 0	12 55	1 26	24 42	0 52	7 31	2 29	24 19	0 28	9 1	1 51	33 38	14 52	8 9	8 12	25 43		n.a.
F 25	8 15	27 36	5 17	4 36	0 37	8 37	0 8	12 39	1 27	24 42	0 52	7 29	2 29	24 19	0 28	9 2	1 51	33 38	14 52	8 9	8 10	25 41		n.a.
S 26	8 37	24 35	5 8	5 36	0 27	8 29	0 16	12 23	1 27	24 41	0 52	7 28	2 29	24 19	0 28	9 2	1 51	33 39	14 52	8 9	8 9	25 40		n.a.
S 27	8 59	20 4	4 40	6 36	0 16	8 21	0 24	12 7	1 27	24 41	0 52	7 26	2 29	24 19	0 28	9 3	1 51	33 39	14 53	8 9	8 8	25 38		n.a.
M28	9 20	14 25	3 56	7 36	0 6	8 12	0 31	11 51	1 27	24 41	0 52	7 24	2 29	24 19	0 28	9 4	1 51	33 39	14 53	8 9	8 7	25 37		n.a.
T 29	9 42	8 4	2 57	8 36	0n 5	8 3	0 38	11 35	1 27	24 41	0 52	7 23	2 29	24 19	0 28	9 5	1 51	33 39	14 54	8 9	8 6	25 35		n.a.
W30	10n 3	1s22	1s48	9n35	0n16	7s53	0s45	11s19	1s27	24n40	0n52	7s21	2n28	24n19	0n28	9n 6	1s51	33s39	14s54	8n 9	8n 4	25n33		n.a.

Julian Day Number = 1209432.5, Delta T = 09h14m27s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'04, Lahiri = -23°18'03 Julian Calendar 1 Apr. 1402 BCE == Greg. Calendar 19 March 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

MAY 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 43 22	26♈29'58	14♈29	25♈51	12♓44	5♓25	3♋39	24°R25	0♋46	27♈41	5♒18	20°R31	20♈16	29♋42	n.a.	T 1
F 2	13 47 19	27°27'09	28° 4	28° 3	13°29	6° 8	3°47	24♎20	0°48	27°43	5°18	20♈31	20°12	29°48	n.a.	F 2
S 3	13 51 15	28°24'19	11♉23	0♉14	14°14	6°52	3°56	24°16	0°50	27°45	5°19	20°31	20° 9	29°55	n.a.	S 3
S 4	13 55 12	29°21'29	24°24	2°25	15° 0	7°36	4° 4	24°11	0°53	27°47	5°19	20°30	20° 6	0♌ 2	n.a.	S 4
M 5	13 59 8	0♉18'38	7♊ 8	4°36	15°48	8°19	4°13	24° 7	0°55	27°50	5°19	20°29	20° 3	0° 8	n.a.	M 5
T 6	14 3 5	1°15'47	19°35	6°45	16°35	9° 3	4°22	24° 3	0°57	27°52	5°20	20°28	20° 0	0°15	n.a.	T 6
W 7	14 7 1	2°12'54	1♋49	8°54	17°24	9°46	4°31	23°58	0°59	27°54	5°20	20°26	19°57	0°22	n.a.	W 7
T 8	14 10 58	3°10'01	13°51	11° 0	18°13	10°30	4°40	23°54	1° 2	27°56	5°20	20°25	19°53	0°29	n.a.	T 8
F 9	14 14 55	4° 7'08	25°47	13° 6	19° 3	11°13	4°49	23°50	1° 4	27°59	5°20	20°24	19°50	0°35	n.a.	F 9
S 10	14 18 51	5° 4'13	7♌40	15°10	19°54	11°56	4°58	23°46	1° 7	28° 1	5°21	20°D24	19°47	0°42	n.a.	S 10
S 11	14 22 48	6° 1'19	19°36	17°12	20°45	12°39	5° 7	23°41	1° 9	28° 3	5°21	20°25	19°44	0°49	n.a.	S 11
M12	14 26 44	6°58'23	1♍38	19°12	21°37	13°23	5°17	23°37	1°12	28° 5	5°21	20°26	19°41	0°56	n.a.	M12
T 13	14 30 41	7°55'27	13°51	21°10	22°30	14° 6	5°26	23°33	1°14	28° 7	5°21	20°27	19°37	1° 2	n.a.	T 13
W14	14 34 37	8°52'30	26°19	23° 6	23°23	14°48	5°36	23°29	1°17	28°10	5°21	20°28	19°34	1° 9	n.a.	W14
T 15	14 38 34	9°49'33	9♎ 5	25° 0	24°16	15°31	5°45	23°25	1°19	28°12	5°21	20°29	19°31	1°16	n.a.	T 15
F 16	14 42 31	10°46'36	22°10	26°51	25°10	16°14	5°55	23°21	1°22	28°14	5°21	20°R30	19°28	1°22	n.a.	F 16
S 17	14 46 27	11°43'38	5♏36	28°41	26° 5	16°57	6° 5	23°16	1°25	28°16	5°21	20°29	19°25	1°29	n.a.	S 17
S 18	14 50 24	12°40'41	19°21	0♐29	27° 0	17°39	6°15	23°12	1°27	28°18	5°22	20°27	19°22	1°36	n.a.	S 18
M19	14 54 20	13°37'43	3♐23	2°14	27°56	18°22	6°25	23° 8	1°30	28°21	5°R22	20°25	19°18	1°43	n.a.	M19
T 20	14 58 17	14°34'46	17°37	3°57	28°52	19° 5	6°35	23° 5	1°33	28°23	5°22	20°22	19°15	1°49	n.a.	T 20
W21	15 2 13	15°31'48	1♑58	5°38	29°49	19°47	6°45	23° 1	1°36	28°25	5°22	20°18	19°12	1°56	n.a.	W21
T 22	15 6 10	16°28'51	16°23	7°17	0♈46	20°29	6°56	22°57	1°39	28°27	5°21	20°15	19° 9	2° 3	n.a.	T 22
F 23	15 10 6	17°25'55	0♒45	8°53	1°43	21°12	7° 6	22°53	1°42	28°29	5°21	20°13	19° 6	2° 9	n.a.	F 23
S 24	15 14 3	18°22'58	15° 2	10°28	2°41	21°54	7°17	22°49	1°45	28°31	5°21	20°D12	19° 3	2°16	n.a.	S 24
S 25	15 18 0	19°20'02	29°10	12° 0	3°39	22°36	7°27	22°46	1°47	28°34	5°21	20°13	18°59	2°23	n.a.	S 25
M26	15 21 56	20°17'07	13♓ 8	13°30	4°38	23°18	7°38	22°42	1°50	28°36	5°21	20°14	18°56	2°30	n.a.	M26
T 27	15 25 53	21°14'11	26°56	14°58	5°37	24° 0	7°49	22°38	1°53	28°38	5°21	20°15	18°53	2°36	n.a.	T 27
W28	15 29 49	22°11'17	10♈31	16°23	6°36	24°42	7°59	22°35	1°57	28°40	5°21	20°16	18°50	2°43	n.a.	W28
T 29	15 33 46	23° 8'22	23°55	17°46	7°36	25°24	8°10	22°31	2° 0	28°42	5°20	20°R17	18°47	2°50	n.a.	T 29
F 30	15 37 42	24° 5'29	7♉ 7	19° 7	8°36	26° 5	8°21	22°28	2° 3	28°44	5°20	20°16	18°43	2°57	n.a.	F 30
S 31	15 41 39	25♉ 2'35	20♉ 5	20♊25	9♈36	26♓47	8♋32	22♎25	2♋ 6	28♈46	5♒20	20♈13	18♈40	3♌ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	10n24	5n18	0s33	10n34	0n26	7s42	0s52	11s 3	1s27	24n40	0n52	7s20	2n28	24n19	0n28	9n 7	1s51	33s40	14s54	8n 9	8n 3	25n32			n.a.
F 2	10 45	11 37	0n42	11 32	0 36	7 30	0 58	10 46	1 28	24 40	0 52	7 18	2 28	24 19	0 28	9 7	1 51	33 40	14 55	8 9	8 2	25 30			n.a.
S 3	11 6	17 18	1 53	12 28	0 46	7 18	1 5	10 30	1 28	24 40	0 52	7 17	2 28	24 19	0 28	9 8	1 51	33 40	14 55	8 9	8 1	25 28			n.a.
S 4	11 26	22 3	2 57	13 23	0 55	7 5	1 11	10 13	1 28	24 39	0 51	7 15	2 28	24 19	0 28	9 9	1 51	33 40	14 55	8 9	8 0	25 27			n.a.
M 5	11 47	25 40	3 50	14 17	1 4	6 52	1 16	9 57	1 28	24 39	0 51	7 13	2 28	24 19	0 28	9 10	1 51	33 41	14 56	8 8	7 58	25 25			n.a.
T 6	12 7	27 57	4 31	15 9	1 13	6 38	1 22	9 40	1 28	24 39	0 51	7 12	2 28	24 19	0 28	9 11	1 51	33 41	14 56	8 8	7 57	25 23			n.a.
W 7	12 27	28 50	4 59	15 59	1 21	6 24	1 27	9 24	1 28	24 38	0 51	7 10	2 28	24 19	0 28	9 11	1 51	33 41	14 56	8 7	7 56	25 22			n.a.
T 8	12 47	28 19	5 14	16 47	1 28	6 9	1 33	9 7	1 28	24 38	0 51	7 9	2 28	24 19	0 28	9 12	1 51	33 42	14 57	8 7	7 55	25 20			n.a.
F 9	13 7	26 30	5 14	17 33	1 35	5 54	1 37	8 50	1 28	24 38	0 51	7 7	2 28	24 19	0 28	9 13	1 51	33 42	14 57	8 6	7 53	25 18			n.a.
S 10	13 26	23 31	5 2	18 16	1 41	5 38	1 42	8 33	1 28	24 37	0 51	7 6	2 28	24 19	0 28	9 14	1 51	33 42	14 58	8 6	7 52	25 17			n.a.
S 11	13 46	19 33	4 36	18 57	1 46	5 21	1 47	8 17	1 28	24 37	0 51	7 4	2 28	24 19	0 28	9 15	1 51	33 42	14 58	8 7	7 51	25 15			n.a.
M12	14 5	14 46	3 58	19 36	1 51	5 5	1 51	8 0	1 28	24 36	0 51	7 3	2 28	24 19	0 28	9 15	1 51	33 43	14 58	8 7	7 50	25 13			n.a.
T 13	14 24	9 21	3 8	20 13	1 55	4 47	1 55	7 43	1 28	24 36	0 51	7 1	2 27	24 19	0 28	9 16	1 51	33 43	14 59	8 8	7 49	25 12			n.a.
W14	14 42	3 28	2 9	20 47	1 58	4 30	1 59	7 26	1 28	24 36	0 51	7 0	2 27	24 19	0 28	9 17	1 51	33 43	14 59	8 8	7 47	25 10			n.a.
T 15	15 1	2s42	1 3	21 18	2 1	4 11	2 3	7 9	1 28	24 35	0 51	6 58	2 27	24 19	0 28	9 18	1 51	33 44	14 59	8 8	7 46	25 8			n.a.
F 16	15 19	8 55	0s 9	21 47	2 3	3 53	2 7	6 52	1 28	24 35	0 51	6 57	2 27	24 19	0 28	9 19	1 51	33 44	15 0	8 9	7 45	25 6			n.a.
S 17	15 37	14 55	1 22	22 14	2 4	3 34	2 10	6 35	1 28	24 34	0 51	6 56	2 27	24 19	0 28	9 19	1 51	33 44	15 0	8 8	7 44	25 5			n.a.
S 18	15 55	20 18	2 32	22 39	2 5	3 15	2 13	6 18	1 28	24 34	0 51	6 54	2 27	24 19	0 28	9 20	1 51	33 45	15 1	8 8	7 42	25 3			n.a.
M19	16 12	24 42	3 34	23 1	2 5	2 55	2 16	6 1	1 28	24 33	0 51	6 53	2 27	24 19	0 27	9 21	1 51	33 45	15 1	8 7	7 41	25 1			n.a.
T 20	16 30	27 39	4 24	23 21	2 4	2 35	2 19	5 44	1 28	24 33	0 51	6 52	2 27	24 19	0 27	9 22	1 51	33 45	15 1	8 5	7 40	24 59			n.a.
W21	16 47	28 48	4 57	23 38	2 3	2 14	2 22	5 27	1 28	24 32	0 51	6 50	2 26	24 19	0 27	9 23	1 51	33 46	15 2	8 4	7 39	24 58			n.a.
T 22	17 3	28 0	5 12	23 54	2 1	1 54	2 24	5 10	1 28	24 32	0 51	6 49	2 26	24 19	0 27	9 23	1 51	33 46	15 2	8 3	7 38	24 56			n.a.
F 23	17 20	25 21	5 8	24 7	1 58	1 33	2 27	4 53	1 28	24 31	0 51	6 48	2 26	24 19	0 27	9 24	1 51	33 47	15 2	8 2	7 36	24 54			n.a.
S 24	17 36	21 8	4 44	24 18	1 55	1 11	2 29	4 36	1 28	24 30	0 51	6 46	2 26	24 18	0 27	9 25	1 51	33 47	15 3	8 2	7 35	24 52			n.a.
S 25	17 52	15 46	4 4	24 28	1 51	0 50	2 31	4 19	1 28	24 30	0 51	6 45	2 26	24 18	0 27	9 26	1 51	33 47	15 3	8 2	7 34	24 51			n.a.
M26	18 8	9 38	3 9	24 35	1 47	0 28	2 33	4 2	1 27	24 29	0 51	6 44	2 26	24 18	0 27	9 26	1 51	33 48	15 4	8 2	7 33	24 49			n.a.
T 27	18 23	3 8	2 4	24 41	1 42	0 5	2 35	3 45	1 27	24 28	0 51	6 43	2 25	24 18	0 27	9 27	1 51	33 48	15 4	8 3	7 31	24 47			n.a.
W28	18 38	3n26	0 53	24 45	1 36	0n17	2 36	3 28	1 27	24 28	0 51	6 42	2 25	24 18	0 27	9 28	1 51	33 48	15 4	8 4	7 30	24 45			n.a.
T 29	18 53	9 45	0n20	24 47	1 30	0 40	2 38	3 11	1 27	24 27	0 51	6 40	2 25	24 18	0 27	9 29	1 51	33 49	15 5	8 4	7 29	24 43			n.a.
F 30	19 8	15 33	1 30	24 48	1 24	1 2	2 39	2 55	1 27	24 26	0 51	6 39	2 25	24 18	0 27	9 29	1 51	33 49	15 5	8 3	7 28	24 42			n.a.
S 31	19n22	20n34	2n35	24n47	1n16	1n25	2s40	2s38	1s27	24n26	0n51	6s38	2n25	24n18	0n27	9n30	1s51	33s50	15s 5	8n 2	7n26	24n40			n.a.

Julian Day Number = 1209462.5, Delta T = 09h14m25s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°25'00, Lahiri = -23°17'59 Julian Calendar 1 May 1402 BCE == Greg. Calendar 18 Apr. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

JUNE 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 45 36	25♉59'43	2♊51	21♊41	10♈37	27♓28	8♋43	22°R21	2♋ 9	28♈48	5°R20	20°R 8	18♈37	3♌10	n.a.	S 1
M 2	15 49 32	26°56'50	15°24	22°55	11°38	28°10	8°55	22♎18	2°12	28°50	5♒19	20♈ 3	18°34	3°17	n.a.	M 2
T 3	15 53 29	27°53'58	27°44	24° 5	12°40	28°51	9° 6	22°15	2°16	28°52	5°19	19°56	18°31	3°23	n.a.	T 3
W 4	15 57 25	28°51'06	9♋54	25°14	13°41	29°32	9°17	22°12	2°19	28°54	5°19	19°49	18°28	3°30	n.a.	W 4
T 5	16 1 22	29°48'15	21°54	26°19	14°43	0♈13	9°28	22° 9	2°22	28°56	5°18	19°43	18°24	3°37	n.a.	T 5
F 6	16 5 18	0♊45'24	3♌48	27°22	15°45	0°54	9°40	22° 6	2°25	28°58	5°18	19°38	18°21	3°44	n.a.	F 6
S 7	16 9 15	1°42'33	15°40	28°22	16°48	1°35	9°51	22° 3	2°29	29° 0	5°17	19°35	18°18	3°50	n.a.	S 7
S 8	16 13 11	2°39'43	27°34	29°19	17°50	2°16	10° 3	22° 0	2°32	29° 2	5°17	19°D34	18°15	3°57	n.a.	S 8
M 9	16 17 8	3°36'53	9♍34	0♋12	18°53	2°57	10°15	21°57	2°35	29° 4	5°17	19°34	18°12	4° 4	n.a.	M 9
T 10	16 21 5	4°34'03	21°46	1° 3	19°56	3°38	10°26	21°55	2°39	29° 6	5°16	19°35	18° 9	4°10	n.a.	T 10
W11	16 25 1	5°31'14	4♎14	1°50	21° 0	4°18	10°38	21°52	2°42	29° 8	5°16	19°36	18° 5	4°17	n.a.	W11
T 12	16 28 58	6°28'25	17° 3	2°33	22° 3	4°59	10°50	21°50	2°46	29°10	5°15	19°R37	18° 2	4°24	n.a.	T 12
F 13	16 32 54	7°25'36	0♏16	3°13	23° 7	5°39	11° 2	21°47	2°49	29°11	5°15	19°37	17°59	4°31	n.a.	F 13
S 14	16 36 51	8°22'49	13°54	3°49	24°11	6°19	11°13	21°45	2°53	29°13	5°14	19°34	17°56	4°37	n.a.	S 14
S 15	16 40 47	9°20'02	27°57	4°21	25°16	7° 0	11°25	21°43	2°56	29°15	5°13	19°30	17°53	4°44	n.a.	S 15
M16	16 44 44	10°17'16	12♐22	4°49	26°20	7°40	11°37	21°40	3° 0	29°17	5°13	19°23	17°49	4°51	n.a.	M16
T 17	16 48 41	11°14'31	27° 3	5°12	27°25	8°20	11°49	21°38	3° 3	29°19	5°12	19°16	17°46	4°57	n.a.	T 17
W18	16 52 37	12°11'47	11♑51	5°31	28°30	9° 0	12° 2	21°36	3° 7	29°20	5°12	19° 8	17°43	5° 4	n.a.	W18
T 19	16 56 34	13° 9'04	26°40	5°45	29°35	9°39	12°14	21°34	3°10	29°22	5°11	19° 1	17°40	5°11	n.a.	T 19
F 20	17 0 30	14° 6'23	11♒21	5°55	0♉41	10°19	12°26	21°33	3°14	29°24	5°10	18°55	17°37	5°18	n.a.	F 20
S 21	17 4 27	15° 3'42	25°48	5°R59	1°46	10°59	12°38	21°31	3°17	29°26	5°10	18°52	17°34	5°24	n.a.	S 21
S 22	17 8 23	16° 1'03	9♓59	5°58	2°52	11°38	12°50	21°29	3°21	29°27	5° 9	18°50	17°30	5°31	n.a.	S 22
M23	17 12 20	16°58'25	23°51	5°53	3°58	12°17	13° 3	21°28	3°25	29°29	5° 8	18°D50	17°27	5°38	n.a.	M23
T 24	17 16 16	17°55'49	7♈26	5°42	5° 4	12°57	13°15	21°26	3°28	29°31	5° 7	18°51	17°24	5°45	n.a.	T 24
W25	17 20 13	18°53'14	20°44	5°25	6°10	13°36	13°28	21°25	3°32	29°32	5° 7	18°R51	17°21	5°51	n.a.	W25
T 26	17 24 10	19°50'40	3♉48	5° 4	7°17	14°15	13°40	21°23	3°36	29°34	5° 6	18°50	17°18	5°58	n.a.	T 26
F 27	17 28 6	20°48'08	16°39	4°38	8°24	14°54	13°52	21°22	3°39	29°35	5° 5	18°47	17°15	6° 5	n.a.	F 27
S 28	17 32 3	21°45'38	29°18	4° 7	9°30	15°33	14° 5	21°21	3°43	29°37	5° 4	18°41	17°11	6°11	n.a.	S 28
S 29	17 35 59	22°43'08	11♊47	3°31	10°37	16°11	14°18	21°20	3°47	29°38	5° 3	18°32	17° 8	6°18	n.a.	S 29
M30	17 39 56	23♊40'41	24♊ 7	2♋52	11♉45	16♈50	14♋30	21♎19	3♋50	29♈40	5♒ 2	18♈22	17♈ 5	6♌25	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19n36	24n32	3n31	24n44	1n 9	1n49	2s41	2s21	1s27	24n25	0n51	6s37	2n25	24n18	0n27	9n31	1s51	33s50	15s 6	8n 0	7n25	24n38		n.a.
M 2	19 49	27 16	4 15	24 41	1 1	2 12	2 42	2 4	1 27	24 24	0 51	6 36	2 24	24 18	0 27	9 31	1 51	33 51	15 6	7 58	7 24	24 36		n.a.
T 3	20 2	28 37	4 47	24 36	0 52	2 36	2 43	1 47	1 26	24 23	0 51	6 35	2 24	24 18	0 27	9 32	1 51	33 51	15 6	7 56	7 23	24 34		n.a.
W 4	20 15	28 33	5 5	24 29	0 43	2 59	2 43	1 30	1 26	24 23	0 51	6 34	2 24	24 18	0 27	9 33	1 51	33 51	15 7	7 53	7 22	24 32		n.a.
T 5	20 28	27 7	5 9	24 22	0 33	3 23	2 44	1 13	1 26	24 22	0 51	6 33	2 24	24 18	0 27	9 33	1 51	33 52	15 7	7 51	7 20	24 30		n.a.
F 6	20 40	24 30	5 0	24 13	0 23	3 47	2 44	0 56	1 26	24 21	0 51	6 32	2 24	24 18	0 27	9 34	1 51	33 52	15 7	7 49	7 19	24 29		n.a.
S 7	20 52	20 50	4 38	24 4	0 12	4 11	2 44	0 40	1 26	24 20	0 51	6 31	2 23	24 18	0 27	9 35	1 51	33 53	15 8	7 48	7 18	24 27		n.a.
S 8	21 4	16 20	4 4	23 53	0 2	4 35	2 44	0 23	1 25	24 19	0 51	6 30	2 23	24 18	0 27	9 35	1 51	33 53	15 8	7 47	7 17	24 25		n.a.
M 9	21 15	11 11	3 19	23 42	0s10	5 0	2 44	0 6	1 25	24 18	0 51	6 30	2 23	24 18	0 27	9 36	1 51	33 54	15 8	7 47	7 15	24 23		n.a.
T 10	21 26	5 32	2 25	23 30	0 22	5 24	2 44	0n10	1 25	24 17	0 51	6 29	2 23	24 17	0 27	9 37	1 51	33 54	15 9	7 48	7 14	24 21		n.a.
W11	21 36	0s28	1 22	23 17	0 34	5 48	2 44	0 27	1 25	24 16	0 51	6 28	2 23	24 17	0 27	9 37	1 51	33 55	15 9	7 48	7 13	24 19		n.a.
T 12	21 46	6 36	0 14	23 4	0 46	6 13	2 44	0 43	1 24	24 15	0 51	6 27	2 22	24 17	0 27	9 38	1 51	33 55	15 9	7 48	7 12	24 17		n.a.
F 13	21 56	12 39	0s57	22 51	0 59	6 37	2 43	1 0	1 24	24 14	0 51	6 27	2 22	24 17	0 27	9 39	1 51	33 55	15 10	7 48	7 10	24 15		n.a.
S 14	22 5	18 18	2 7	22 37	1 12	7 2	2 42	1 16	1 24	24 13	0 51	6 26	2 22	24 17	0 27	9 39	1 52	33 56	15 10	7 47	7 9	24 13		n.a.
S 15	22 14	23 9	3 11	22 22	1 25	7 26	2 42	1 33	1 24	24 12	0 51	6 25	2 22	24 17	0 27	9 40	1 52	33 56	15 10	7 46	7 8	24 11		n.a.
M16	22 23	26 43	4 5	22 8	1 39	7 51	2 41	1 49	1 23	24 11	0 51	6 25	2 21	24 17	0 27	9 41	1 52	33 57	15 11	7 43	7 7	24 9		n.a.
T 17	22 31	28 33	4 43	21 53	1 52	8 15	2 40	2 5	1 23	24 10	0 51	6 24	2 21	24 17	0 27	9 41	1 52	33 57	15 11	7 40	7 6	24 7		n.a.
W18	22 39	28 21	5 3	21 39	2 6	8 40	2 39	2 22	1 23	24 9	0 51	6 24	2 21	24 17	0 27	9 42	1 52	33 58	15 11	7 37	7 4	24 5		n.a.
T 19	22 47	26 8	5 3	21 25	2 20	9 4	2 38	2 38	1 23	24 8	0 51	6 23	2 21	24 17	0 27	9 42	1 52	33 58	15 12	7 34	7 3	24 4		n.a.
F 20	22 54	22 12	4 43	21 11	2 33	9 28	2 36	2 54	1 22	24 7	0 51	6 23	2 21	24 17	0 27	9 43	1 52	33 59	15 12	7 32	7 2	24 2		n.a.
S 21	23 0	16 58	4 5	20 57	2 47	9 53	2 35	3 10	1 22	24 6	0 51	6 22	2 20	24 17	0 27	9 44	1 52	33 59	15 12	7 31	7 1	24 0		n.a.
S 22	23 7	10 55	3 12	20 44	3 0	10 17	2 34	3 26	1 22	24 5	0 51	6 22	2 20	24 16	0 27	9 44	1 52	34 0	15 13	7 30	6 59	23 58		n.a.
M23	23 13	4 27	2 9	20 31	3 13	10 41	2 32	3 42	1 21	24 3	0 51	6 21	2 20	24 16	0 27	9 45	1 52	34 0	15 13	7 30	6 58	23 56		n.a.
T 24	23 18	2n 4	1 1	20 19	3 26	11 5	2 31	3 58	1 21	24 2	0 51	6 21	2 20	24 16	0 27	9 45	1 52	34 1	15 13	7 30	6 57	23 54		n.a.
W25	23 23	8 23	0n10	20 8	3 38	11 29	2 29	4 13	1 21	24 1	0 51	6 21	2 19	24 16	0 27	9 46	1 52	34 1	15 13	7 31	6 56	23 52		n.a.
T 26	23 28	14 14	1 19	19 57	3 49	11 52	2 27	4 29	1 20	24 0	0 51	6 20	2 19	24 16	0 27	9 46	1 52	34 2	15 14	7 30	6 54	23 50		n.a.
F 27	23 32	19 23	2 22	19 48	3 59	12 16	2 25	4 45	1 20	23 58	0 51	6 20	2 19	24 16	0 27	9 47	1 52	34 2	15 14	7 29	6 53	23 48		n.a.
S 28	23 36	23 34	3 18	19 39	4 9	12 39	2 23	5 0	1 19	23 57	0 51	6 20	2 19	24 16	0 27	9 47	1 52	34 3	15 14	7 27	6 52	23 46		n.a.
S 29	23 39	26 36	4 3	19 32	4 17	13 2	2 21	5 16	1 19	23 56	0 51	6 20	2 18	24 16	0 27	9 48	1 52	34 3	15 15	7 23	6 51	23 44		n.a.
M30	23n42	28n19	4n36	19n26	4s24	13n25	2s19	5n31	1s19	23n54	0n51	6s20	2n18	24n16	0n27	9n48	1s52	34s 4	15s15	7n19	6n49	23n41		n.a.

Julian Day Number = 1209493.5, Delta T = 09h14m24s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'56, Lahiri = -23°17'55 Julian Calendar 1 June 1402 BCE == Greg. Calendar 19 May 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

JULY 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 43 52	24♊38'14	6♋17	2°R 9	12♉52	17♈28	14♋43	21°R18	3♋54	29♈41	5°R 2	18°R10	17♈ 2	6♌32	n.a.	T 1
W 2	17 47 49	25°35'49	18°20	1♋23	13°59	18° 7	14°55	21♎17	3°58	29°43	5♒ 1	17♈58	16°59	6°38	n.a.	W 2
T 3	17 51 46	26°33'25	0♌16	0°35	15° 7	18°45	15° 8	21°17	4° 2	29°44	5° 0	17°46	16°55	6°45	n.a.	T 3
F 4	17 55 42	27°31'02	12° 8	29♊46	16°15	19°23	15°21	21°16	4° 5	29°46	4°59	17°37	16°52	6°52	n.a.	F 4
S 5	17 59 39	28°28'40	23°58	28°56	17°22	20° 1	15°34	21°16	4° 9	29°47	4°58	17°29	16°49	6°58	n.a.	S 5
S 6	18 3 35	29°26'20	5♍49	28° 7	18°31	20°38	15°46	21°15	4°13	29°48	4°57	17°24	16°46	7° 5	n.a.	S 6
M 7	18 7 32	0♋24'01	17°47	27°20	19°39	21°16	15°59	21°15	4°16	29°50	4°56	17°22	16°43	7°12	n.a.	M 7
T 8	18 11 28	1°21'43	29°56	26°35	20°47	21°54	16°12	21°15	4°20	29°51	4°55	17°D21	16°40	7°19	n.a.	T 8
W 9	18 15 25	2°19'26	12♎21	25°53	21°55	22°31	16°25	21°D15	4°24	29°52	4°54	17°R21	16°36	7°25	n.a.	W 9
T 10	18 19 21	3°17'11	25° 7	25°16	23° 4	23° 8	16°38	21°15	4°28	29°53	4°53	17°21	16°33	7°32	n.a.	T 10
F 11	18 23 18	4°14'57	8♏19	24°44	24°13	23°46	16°51	21°15	4°31	29°54	4°52	17°20	16°30	7°39	n.a.	F 11
S 12	18 27 15	5°12'44	22° 0	24°18	25°22	24°23	17° 4	21°15	4°35	29°56	4°51	17°16	16°27	7°45	n.a.	S 12
S 13	18 31 11	6°10'33	6♐ 9	23°58	26°30	24°59	17°17	21°15	4°39	29°57	4°50	17°10	16°24	7°52	n.a.	S 13
M14	18 35 8	7° 8'24	20°46	23°45	27°40	25°36	17°30	21°16	4°43	29°58	4°49	17° 1	16°21	7°59	n.a.	M14
T 15	18 39 4	8° 6'16	5♑43	23°D40	28°49	26°13	17°42	21°16	4°46	29°59	4°48	16°51	16°17	8° 6	n.a.	T 15
W16	18 43 1	9° 4'10	20°52	23°42	29°58	26°49	17°55	21°17	4°50	0♉ 0	4°47	16°40	16°14	8°12	n.a.	W16
T 17	18 46 57	10° 2'05	6♒ 3	23°52	1♊ 8	27°25	18° 8	21°17	4°54	0° 1	4°46	16°30	16°11	8°19	n.a.	T 17
F 18	18 50 54	11° 0'02	21° 4	24°10	2°17	28° 2	18°21	21°18	4°58	0° 2	4°44	16°21	16° 8	8°26	n.a.	F 18
S 19	18 54 50	11°58'02	5♓48	24°37	3°27	28°38	18°34	21°19	5° 1	0° 3	4°43	16°16	16° 5	8°32	n.a.	S 19
S 20	18 58 47	12°56'03	20°10	25°11	4°37	29°13	18°48	21°20	5° 5	0° 4	4°42	16°12	16° 1	8°39	n.a.	S 20
M21	19 2 44	13°54'06	4♈ 7	25°53	5°47	29°49	19° 1	21°21	5° 9	0° 5	4°41	16°11	15°58	8°46	n.a.	M21
T 22	19 6 40	14°52'12	17°40	26°42	6°57	0♉25	19°14	21°22	5°13	0° 6	4°40	16°11	15°55	8°53	n.a.	T 22
W23	19 10 37	15°50'19	0♉51	27°39	8° 7	1° 0	19°27	21°24	5°16	0° 7	4°39	16°11	15°52	8°59	n.a.	W23
T 24	19 14 33	16°48'29	13°44	28°43	9°17	1°35	19°40	21°25	5°20	0° 7	4°38	16° 9	15°49	9° 6	n.a.	T 24
F 25	19 18 30	17°46'41	26°21	29°54	10°28	2°10	19°53	21°26	5°24	0° 8	4°36	16° 5	15°46	9°13	n.a.	F 25
S 26	19 22 26	18°44'55	8♊46	1♋10	11°38	2°45	20° 6	21°28	5°27	0° 9	4°35	15°58	15°42	9°19	n.a.	S 26
S 27	19 26 23	19°43'11	21° 1	2°33	12°49	3°20	20°19	21°29	5°31	0°10	4°34	15°48	15°39	9°26	n.a.	S 27
M28	19 30 19	20°41'30	3♋ 9	4° 0	13°59	3°55	20°32	21°31	5°35	0°10	4°33	15°36	15°36	9°33	n.a.	M28
T 29	19 34 16	21°39'50	15°10	5°33	15°10	4°29	20°45	21°33	5°38	0°11	4°32	15°22	15°33	9°40	n.a.	T 29
W30	19 38 13	22°38'12	27° 7	7° 9	16°21	5° 3	20°58	21°35	5°42	0°12	4°31	15° 8	15°30	9°46	n.a.	W30
T 31	19 42 9	23♋36'37	8♌59	8♋49	17♊32	5♉37	21♋11	21♎37	5♋46	0♉12	4♒29	14♈54	15♈27	9♌53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n45	28n38	4n55	19n22	4s29	13n48	2s17	5n46	1s18	23n53	0n51	6s20	2n18	24n16	0n27	9n49	1s52	34s 4	15s15	7n15	6n48	23n39		n.a.	T 1
W 2	23 47	27 34	5 2	19 18	4 33	14 11	2 15	6 2	1 18	23 52	0 51	6 20	2 18	24 15	0 27	9 49	1 52	34 5	15 15	7 10	6 47	23 37		n.a.	W 2
T 3	23 49	25 14	4 55	19 17	4 35	14 33	2 12	6 17	1 17	23 50	0 51	6 20	2 17	24 15	0 27	9 50	1 52	34 5	15 16	7 6	6 46	23 35		n.a.	T 3
F 4	23 50	21 51	4 35	19 16	4 35	14 55	2 10	6 32	1 17	23 49	0 51	6 20	2 17	24 15	0 27	9 50	1 52	34 6	15 16	7 2	6 45	23 33		n.a.	F 4
S 5	23 51	17 35	4 3	19 18	4 34	15 17	2 8	6 47	1 16	23 47	0 51	6 20	2 17	24 15	0 27	9 51	1 52	34 6	15 16	6 59	6 43	23 31		n.a.	S 5
S 6	23 52	12 39	3 21	19 20	4 31	15 38	2 5	7 2	1 16	23 46	0 52	6 20	2 16	24 15	0 27	9 51	1 52	34 7	15 16	6 57	6 42	23 29		n.a.	S 6
M 7	23 52	7 12	2 30	19 25	4 25	16 0	2 2	7 16	1 16	23 44	0 52	6 20	2 16	24 15	0 27	9 51	1 52	34 7	15 17	6 56	6 41	23 27		n.a.	M 7
T 8	23 51	1 25	1 31	19 31	4 18	16 20	2 0	7 31	1 15	23 43	0 52	6 20	2 16	24 15	0 27	9 52	1 53	34 7	15 17	6 56	6 40	23 25		n.a.	T 8
W 9	23 50	4s34	0 27	19 38	4 10	16 41	1 57	7 46	1 15	23 41	0 52	6 20	2 16	24 15	0 27	9 52	1 53	34 8	15 17	6 56	6 38	23 23		n.a.	W 9
T 10	23 49	10 31	0s41	19 47	4 0	17 1	1 54	8 0	1 14	23 40	0 52	6 20	2 15	24 15	0 27	9 53	1 53	34 8	15 17	6 56	6 37	23 21		n.a.	T 10
F 11	23 48	16 14	1 49	19 58	3 48	17 21	1 52	8 15	1 14	23 38	0 52	6 21	2 15	24 14	0 27	9 53	1 53	34 9	15 17	6 55	6 36	23 19		n.a.	F 11
S 12	23 45	21 21	2 52	20 10	3 35	17 41	1 49	8 29	1 13	23 36	0 52	6 21	2 15	24 14	0 27	9 53	1 53	34 9	15 18	6 54	6 35	23 17		n.a.	S 12
S 13	23 43	25 27	3 47	20 23	3 21	18 0	1 46	8 43	1 13	23 35	0 52	6 21	2 15	24 14	0 27	9 54	1 53	34 10	15 18	6 51	6 33	23 14		n.a.	S 13
M14	23 40	28 1	4 30	20 37	3 6	18 19	1 43	8 57	1 12	23 33	0 52	6 22	2 14	24 14	0 27	9 54	1 53	34 10	15 18	6 48	6 32	23 12		n.a.	M14
T 15	23 37	28 39	4 55	20 53	2 50	18 37	1 40	9 11	1 11	23 31	0 52	6 22	2 14	24 14	0 27	9 54	1 53	34 11	15 18	6 44	6 31	23 10		n.a.	T 15
W16	23 33	27 8	4 59	21 9	2 34	18 55	1 37	9 25	1 11	23 30	0 52	6 23	2 14	24 14	0 27	9 55	1 53	34 11	15 18	6 40	6 30	23 8		n.a.	W16
T 17	23 28	23 39	4 43	21 26	2 17	19 13	1 34	9 39	1 10	23 28	0 52	6 23	2 14	24 14	0 27	9 55	1 53	34 12	15 19	6 36	6 28	23 6		n.a.	T 17
F 18	23 24	18 37	4 8	21 44	2 0	19 30	1 31	9 52	1 10	23 26	0 52	6 24	2 13	24 14	0 27	9 55	1 53	34 12	15 19	6 33	6 27	23 4		n.a.	F 18
S 19	23 19	12 34	3 16	22 2	1 43	19 47	1 28	10 6	1 9	23 25	0 52	6 24	2 13	24 13	0 28	9 56	1 53	34 13	15 19	6 30	6 26	23 2		n.a.	S 19
S 20	23 13	5 59	2 13	22 21	1 26	20 3	1 25	10 19	1 9	23 23	0 52	6 25	2 13	24 13	0 28	9 56	1 53	34 13	15 19	6 29	6 25	22 59		n.a.	S 20
M21	23 7	0n42	1 3	22 39	1 9	20 19	1 22	10 33	1 8	23 21	0 52	6 26	2 13	24 13	0 28	9 56	1 53	34 14	15 19	6 29	6 23	22 57		n.a.	M21
T 22	23 1	7 10	0n 8	22 56	0 53	20 34	1 18	10 46	1 7	23 19	0 52	6 26	2 12	24 13	0 28	9 56	1 53	34 14	15 19	6 28	6 22	22 55		n.a.	T 22
W23	22 54	13 10	1 17	23 14	0 37	20 49	1 15	10 59	1 7	23 17	0 52	6 27	2 12	24 13	0 28	9 57	1 53	34 14	15 20	6 28	6 21	22 53		n.a.	W23
T 24	22 47	18 27	2 20	23 30	0 22	21 3	1 12	11 12	1 6	23 15	0 53	6 28	2 12	24 13	0 28	9 57	1 53	34 15	15 20	6 28	6 20	22 51		n.a.	T 24
F 25	22 39	22 50	3 15	23 45	0 7	21 17	1 9	11 25	1 6	23 14	0 53	6 29	2 12	24 13	0 28	9 57	1 53	34 15	15 20	6 26	6 18	22 49		n.a.	F 25
S 26	22 31	26 6	3 59	23 59	0n 7	21 30	1 5	11 38	1 5	23 12	0 53	6 29	2 11	24 12	0 28	9 57	1 54	34 16	15 20	6 23	6 17	22 46		n.a.	S 26
S 27	22 23	28 5	4 32	24 11	0 20	21 42	1 2	11 50	1 4	23 10	0 53	6 30	2 11	24 12	0 28	9 57	1 54	34 16	15 20	6 19	6 16	22 44		n.a.	S 27
M28	22 14	28 42	4 53	24 21	0 33	21 55	0 59	12 3	1 4	23 8	0 53	6 31	2 11	24 12	0 28	9 58	1 54	34 17	15 20	6 15	6 15	22 42		n.a.	M28
T 29	22 5	27 56	4 59	24 29	0 44	22 6	0 56	12 15	1 3	23 6	0 53	6 32	2 10	24 12	0 28	9 58	1 54	34 17	15 20	6 9	6 14	22 40		n.a.	T 29
W30	21 55	25 53	4 53	24 34	0 54	22 17	0 52	12 28	1 2	23 4	0 53	6 33	2 10	24 12	0 28	9 58	1 54	34 18	15 20	6 4	6 12	22 38		n.a.	W30
T 31	21n45	22n43	4n34	24n38	1n 4	22n27	0s49	12n40	1s 1	23n 2	0n53	6s34	2n10	24n12	0n28	9n58	1s54	34s18	15s20	5n58	6n11	22n35		n.a.	T 31

Julian Day Number = 1209523.5, Delta T = 09h14m22s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'52, Lahiri = -23°17'51 Julian Calendar 1 July 1402 BCE == Greg. Calendar 18 June 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

AUGUST 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 46 6	24♋35'03	20♌49	10♋32	18♊43	6♉11	21♋24	21♎39	5♋49	0♉13	4°R28	14°R43	15♈23	10♌ 0	n.a.	F 1
S 2	19 50 2	25°33'31	2♍39	12°18	19°55	6°45	21°37	21°41	5°53	0°13	4♒27	14♈34	15°20	10° 6	n.a.	S 2
S 3	19 53 59	26°32'01	14°31	14° 6	21° 6	7°18	21°51	21°43	5°56	0°14	4°26	14°28	15°17	10°13	n.a.	S 3
M 4	19 57 55	27°30'33	26°29	15°56	22°17	7°52	22° 4	21°46	6° 0	0°14	4°24	14°24	15°14	10°20	n.a.	M 4
T 5	20 1 52	28°29'06	8♎37	17°47	23°29	8°25	22°17	21°48	6° 4	0°15	4°23	14°23	15°11	10°27	n.a.	T 5
W 6	20 5 48	29°27'42	21° 0	19°39	24°41	8°58	22°30	21°51	6° 7	0°15	4°22	14°D23	15° 7	10°33	n.a.	W 6
T 7	20 9 45	0♌26'19	3♏42	21°31	25°52	9°30	22°43	21°53	6°11	0°15	4°21	14°R23	15° 4	10°40	n.a.	T 7
F 8	20 13 41	1°24'58	16°48	23°24	27° 4	10° 3	22°56	21°56	6°14	0°16	4°20	14°22	15° 1	10°47	n.a.	F 8
S 9	20 17 38	2°23'39	0♐22	25°18	28°16	10°35	23° 9	21°59	6°18	0°16	4°18	14°19	14°58	10°53	n.a.	S 9
S 10	20 21 35	3°22'22	14°27	27°11	29°28	11° 7	23°22	22° 2	6°21	0°16	4°17	14°14	14°55	11° 0	n.a.	S 10
M11	20 25 31	4°21'06	29° 0	29° 3	0♋40	11°39	23°35	22° 5	6°24	0°16	4°16	14° 6	14°52	11° 7	n.a.	M11
T 12	20 29 28	5°19'53	13♑58	0♌56	1°52	12°10	23°48	22° 8	6°28	0°16	4°15	13°57	14°48	11°14	n.a.	T 12
W13	20 33 24	6°18'42	29°13	2°47	3° 4	12°42	24° 1	22°11	6°31	0°17	4°13	13°47	14°45	11°20	n.a.	W13
T 14	20 37 21	7°17'33	14♒33	4°38	4°17	13°13	24°14	22°14	6°35	0°17	4°12	13°37	14°42	11°27	n.a.	T 14
F 15	20 41 17	8°16'26	29°48	6°29	5°29	13°44	24°26	22°18	6°38	0°17	4°11	13°30	14°39	11°34	n.a.	F 15
S 16	20 45 14	9°15'21	14♓47	8°19	6°41	14°15	24°39	22°21	6°41	0°17	4°10	13°24	14°36	11°40	n.a.	S 16
S 17	20 49 10	10°14'18	29°22	10° 7	7°54	14°45	24°52	22°25	6°45	0°R17	4° 8	13°21	14°33	11°47	n.a.	S 17
M18	20 53 7	11°13'18	13♈30	11°55	9° 7	15°15	25° 5	22°28	6°48	0°17	4° 7	13°D21	14°29	11°54	n.a.	M18
T 19	20 57 4	12°12'20	27°10	13°43	10°19	15°45	25°18	22°32	6°51	0°17	4° 6	13°21	14°26	12° 0	n.a.	T 19
W20	21 1 0	13°11'25	10♉25	15°29	11°32	16°15	25°31	22°35	6°54	0°17	4° 5	13°R22	14°23	12° 7	n.a.	W20
T 21	21 4 57	14°10'33	23°16	17°14	12°45	16°45	25°43	22°39	6°57	0°17	4° 4	13°21	14°20	12°14	n.a.	T 21
F 22	21 8 53	15° 9'43	5♊49	18°59	13°58	17°14	25°56	22°43	7° 1	0°16	4° 2	13°19	14°17	12°21	n.a.	F 22
S 23	21 12 50	16° 8'55	18° 7	20°43	15°11	17°43	26° 9	22°47	7° 4	0°16	4° 1	13°14	14°13	12°27	n.a.	S 23
S 24	21 16 46	17° 8'10	0♋14	22°25	16°24	18°12	26°21	22°51	7° 7	0°16	4° 0	13° 7	14°10	12°34	n.a.	S 24
M25	21 20 43	18° 7'27	12°14	24° 7	17°37	18°40	26°34	22°55	7°10	0°16	3°59	12°59	14° 7	12°41	n.a.	M25
T 26	21 24 39	19° 6'46	24° 9	25°48	18°51	19° 8	26°47	23° 0	7°13	0°15	3°58	12°48	14° 4	12°47	n.a.	T 26
W27	21 28 36	20° 6'08	6♌ 1	27°29	20° 4	19°36	26°59	23° 4	7°16	0°15	3°56	12°38	14° 1	12°54	n.a.	W27
T 28	21 32 32	21° 5'32	17°52	29° 8	21°17	20° 4	27°12	23° 8	7°19	0°15	3°55	12°27	13°58	13° 1	n.a.	T 28
F 29	21 36 29	22° 4'59	29°43	0♍47	22°31	20°31	27°24	23°13	7°22	0°14	3°54	12°19	13°54	13° 8	n.a.	F 29
S 30	21 40 26	23° 4'27	11♍37	2°25	23°45	20°58	27°37	23°17	7°25	0°14	3°53	12°12	13°51	13°14	n.a.	S 30
S 31	21 44 22	24♌ 3'57	23♍34	4♍ 2	24♋58	21♉24	27♋49	23♎22	7♋28	0♉14	3♒52	12♈ 8	13♈48	13♌21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n35	18n38	4n 3	24n38	1n13	22n37	0s46	12n52	1s 1	23n 0	0n53	6s35	2n10	24n12	0n28	9n58	1s54	34s18	15s21	5n54	6n10	22n33		n.a.
S 2	21 24	13 50	3 21	24 37	1 20	22 46	0 42	13 4	1 0	22 58	0 53	6 36	2 9	24 11	0 28	9 58	1 54	34 19	15 21	5 50	6 9	22 31		n.a.
S 3	21 13	8 31	2 31	24 32	1 27	22 54	0 39	13 16	0 59	22 56	0 53	6 37	2 9	24 11	0 28	9 59	1 54	34 19	15 21	5 48	6 7	22 29		n.a.
M 4	21 2	2 51	1 33	24 25	1 33	23 2	0 36	13 27	0 59	22 54	0 53	6 38	2 9	24 11	0 28	9 59	1 54	34 20	15 21	5 46	6 6	22 26		n.a.
T 5	20 50	3s 1	0 31	24 16	1 37	23 10	0 32	13 39	0 58	22 52	0 53	6 39	2 9	24 11	0 28	9 59	1 54	34 20	15 21	5 46	6 5	22 24		n.a.
W 6	20 37	8 52	0s35	24 4	1 41	23 16	0 29	13 50	0 57	22 50	0 54	6 41	2 8	24 11	0 28	9 59	1 54	34 20	15 21	5 46	6 4	22 22		n.a.
T 7	20 25	14 33	1 41	23 50	1 45	23 22	0 26	14 1	0 56	22 48	0 54	6 42	2 8	24 11	0 28	9 59	1 54	34 21	15 21	5 46	6 2	22 20		n.a.
F 8	20 12	19 45	2 43	23 33	1 47	23 27	0 23	14 13	0 55	22 45	0 54	6 43	2 8	24 11	0 28	9 59	1 54	34 21	15 21	5 46	6 1	22 17		n.a.
S 9	19 58	24 9	3 38	23 14	1 48	23 32	0 19	14 24	0 55	22 43	0 54	6 44	2 8	24 10	0 28	9 59	1 54	34 21	15 21	5 45	6 0	22 15		n.a.
S 10	19 45	27 17	4 23	22 53	1 49	23 36	0 16	14 35	0 54	22 41	0 54	6 46	2 7	24 10	0 28	9 59	1 54	34 22	15 21	5 42	5 59	22 13		n.a.
M11	19 31	28 43	4 52	22 30	1 50	23 39	0 13	14 45	0 53	22 39	0 54	6 47	2 7	24 10	0 28	9 59	1 54	34 22	15 21	5 39	5 57	22 10		n.a.
T 12	19 16	28 7	5 2	22 5	1 49	23 41	0 10	14 56	0 52	22 37	0 54	6 48	2 7	24 10	0 28	9 59	1 55	34 22	15 21	5 36	5 56	22 8		n.a.
W13	19 1	25 25	4 52	21 38	1 48	23 43	0 6	15 6	0 51	22 35	0 54	6 50	2 7	24 10	0 28	9 59	1 55	34 23	15 21	5 32	5 55	22 6		n.a.
T 14	18 46	20 53	4 20	21 10	1 47	23 44	0 3	15 17	0 50	22 32	0 54	6 51	2 7	24 10	0 28	9 59	1 55	34 23	15 21	5 28	5 54	22 3		n.a.
F 15	18 31	15 0	3 30	20 40	1 45	23 45	0 0	15 27	0 50	22 30	0 54	6 53	2 6	24 9	0 28	9 59	1 55	34 23	15 21	5 25	5 52	22 1		n.a.
S 16	18 15	8 20	2 26	20 9	1 42	23 44	0n 3	15 37	0 49	22 28	0 55	6 54	2 6	24 9	0 28	9 59	1 55	34 24	15 21	5 23	5 51	21 59		n.a.
S 17	17 59	1 23	1 14	19 37	1 39	23 43	0 6	15 47	0 48	22 26	0 55	6 56	2 6	24 9	0 28	9 59	1 55	34 24	15 21	5 22	5 50	21 57		n.a.
M18	17 43	5n26	0n 1	19 3	1 36	23 42	0 9	15 57	0 47	22 23	0 55	6 57	2 6	24 9	0 28	9 59	1 55	34 24	15 21	5 21	5 49	21 54		n.a.
T 19	17 26	11 47	1 13	18 28	1 32	23 39	0 12	16 7	0 46	22 21	0 55	6 59	2 5	24 9	0 28	9 59	1 55	34 25	15 21	5 22	5 47	21 52		n.a.
W20	17 9	17 24	2 19	17 53	1 28	23 36	0 15	16 17	0 45	22 19	0 55	7 1	2 5	24 9	0 28	9 59	1 55	34 25	15 21	5 22	5 46	21 49		n.a.
T 21	16 52	22 5	3 16	17 16	1 24	23 32	0 18	16 26	0 44	22 17	0 55	7 2	2 5	24 9	0 28	9 59	1 55	34 25	15 21	5 22	5 45	21 47		n.a.
F 22	16 34	25 38	4 3	16 39	1 19	23 28	0 21	16 35	0 43	22 14	0 55	7 4	2 5	24 8	0 28	9 58	1 55	34 26	15 21	5 21	5 44	21 45		n.a.
S 23	16 17	27 54	4 36	16 1	1 14	23 23	0 24	16 45	0 42	22 12	0 55	7 6	2 4	24 8	0 28	9 58	1 55	34 26	15 21	5 19	5 42	21 42		n.a.
S 24	15 58	28 49	4 57	15 22	1 9	23 17	0 27	16 54	0 41	22 10	0 55	7 7	2 4	24 8	0 28	9 58	1 55	34 26	15 21	5 16	5 41	21 40		n.a.
M25	15 40	28 21	5 5	14 43	1 4	23 10	0 29	17 3	0 40	22 7	0 56	7 9	2 4	24 8	0 28	9 58	1 55	34 26	15 21	5 13	5 40	21 38		n.a.
T 26	15 21	26 34	4 59	14 3	0 58	23 3	0 32	17 11	0 39	22 5	0 56	7 11	2 4	24 8	0 28	9 58	1 55	34 27	15 21	5 9	5 39	21 35		n.a.
W27	15 2	23 37	4 40	13 23	0 52	22 54	0 35	17 20	0 38	22 3	0 56	7 13	2 4	24 8	0 28	9 58	1 55	34 27	15 21	5 4	5 37	21 33		n.a.
T 28	14 43	19 42	4 9	12 42	0 46	22 46	0 38	17 29	0 37	22 0	0 56	7 14	2 3	24 8	0 28	9 58	1 55	34 27	15 21	5 0	5 36	21 31		n.a.
F 29	14 24	15 0	3 28	12 1	0 40	22 36	0 40	17 37	0 36	21 58	0 56	7 16	2 3	24 7	0 28	9 57	1 56	34 27	15 21	4 57	5 35	21 28		n.a.
S 30	14 4	9 44	2 37	11 19	0 34	22 26	0 43	17 45	0 35	21 55	0 56	7 18	2 3	24 7	0 28	9 57	1 56	34 28	15 20	4 54	5 34	21 26		n.a.
S 31	13n44	4n 6	1n38	10n38	0n27	22n15	0n45	17n54	0s34	21n53	0n56	7s20	2n 3	24n 7	0n28	9n57	1s56	34s28	15s20	4n53	5n32	21n23		n.a.

Julian Day Number = 1209554.5, Delta T = 09h14m20s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'47, Lahiri = -23°17'47 Julian Calendar 1 Aug. 1402 BCE == Greg. Calendar 19 July 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

SEPTEMBER 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 48 19	25♌ 3'30	5♎38	5♍38	26♋12	21♉51	28♋ 1	23♎26	7♋30	0°R13	3°R51	12°R 6	13♈45	13♌28	n.a.	M 1
T 2	21 52 15	26° 3'04	17°52	7°14	27°26	22°16	28°14	23°31	7°33	0♉13	3♒50	12°D 6	13°42	13°34	n.a.	T 2
W 3	21 56 12	27° 2'40	0♏18	8°49	28°39	22°42	28°26	23°36	7°36	0°12	3°48	12♈ 7	13°38	13°41	n.a.	W 3
T 4	22 0 8	28° 2'19	13° 0	10°23	29°53	23° 7	28°38	23°41	7°39	0°11	3°47	12° 9	13°35	13°48	n.a.	T 4
F 5	22 4 5	29° 1'59	26° 3	11°56	1♌ 7	23°32	28°50	23°45	7°41	0°11	3°46	12°R 9	13°32	13°55	n.a.	F 5
S 6	22 8 1	0♍ 1'41	9♐30	13°29	2°21	23°57	29° 2	23°50	7°44	0°10	3°45	12° 9	13°29	14° 1	n.a.	S 6
S 7	22 11 58	1° 1'26	23°24	15° 1	3°35	24°21	29°14	23°55	7°47	0° 9	3°44	12° 7	13°26	14° 8	n.a.	S 7
M 8	22 15 55	2° 1'12	7♑43	16°33	4°49	24°45	29°26	24° 1	7°49	0° 9	3°43	12° 3	13°23	14°15	n.a.	M 8
T 9	22 19 51	3° 0'59	22°27	18° 4	6° 3	25° 8	29°38	24° 6	7°52	0° 8	3°42	11°58	13°19	14°21	n.a.	T 9
W10	22 23 48	4° 0'49	7♒29	19°34	7°18	25°32	29°50	24°11	7°54	0° 7	3°41	11°52	13°16	14°28	n.a.	W10
T 11	22 27 44	5° 0'41	22°42	21° 4	8°32	25°54	0♌ 2	24°16	7°57	0° 6	3°40	11°47	13°13	14°35	n.a.	T 11
F 12	22 31 41	6° 0'34	7♓54	22°32	9°46	26°17	0°14	24°22	7°59	0° 6	3°39	11°42	13°10	14°41	n.a.	F 12
S 13	22 35 37	7° 0'30	22°55	24° 1	11° 1	26°38	0°26	24°27	8° 1	0° 5	3°38	11°39	13° 7	14°48	n.a.	S 13
S 14	22 39 34	8° 0'28	7♈38	25°28	12°15	27° 0	0°37	24°32	8° 4	0° 4	3°37	11°D38	13° 4	14°55	n.a.	S 14
M15	22 43 30	9° 0'28	21°55	26°55	13°29	27°21	0°49	24°38	8° 6	0° 3	3°36	11°38	13° 0	15° 2	n.a.	M15
T 16	22 47 27	10° 0'30	5♉46	28°21	14°44	27°42	1° 0	24°43	8° 8	0° 2	3°35	11°39	12°57	15° 8	n.a.	T 16
W17	22 51 23	11° 0'34	19° 8	29°46	15°58	28° 2	1°12	24°49	8°10	0° 1	3°34	11°41	12°54	15°15	n.a.	W17
T 18	22 55 20	12° 0'41	2♊ 6	1♎11	17°13	28°22	1°23	24°55	8°13	0° 0	3°33	11°42	12°51	15°22	n.a.	T 18
F 19	22 59 17	13° 0'51	14°42	2°35	18°28	28°41	1°35	25° 0	8°15	29♈59	3°32	11°R43	12°48	15°28	n.a.	F 19
S 20	23 3 13	14° 1'02	27° 0	3°58	19°42	29° 0	1°46	25° 6	8°17	29°58	3°31	11°42	12°44	15°35	n.a.	S 20
S 21	23 7 10	15° 1'16	9♋ 5	5°20	20°57	29°18	1°57	25°12	8°19	29°57	3°30	11°40	12°41	15°42	n.a.	S 21
M22	23 11 6	16° 1'32	21° 2	6°41	22°12	29°36	2° 8	25°18	8°21	29°56	3°29	11°37	12°38	15°48	n.a.	M22
T 23	23 15 3	17° 1'50	2♌53	8° 1	23°27	29°53	2°19	25°24	8°23	29°55	3°29	11°33	12°35	15°55	n.a.	T 23
W24	23 18 59	18° 2'10	14°44	9°20	24°42	0♊10	2°30	25°30	8°24	29°53	3°28	11°28	12°32	16° 2	n.a.	W24
T 25	23 22 56	19° 2'32	26°35	10°37	25°57	0°26	2°41	25°36	8°26	29°52	3°27	11°24	12°29	16° 9	n.a.	T 25
F 26	23 26 52	20° 2'56	8♍31	11°54	27°12	0°42	2°52	25°42	8°28	29°51	3°26	11°21	12°25	16°15	n.a.	F 26
S 27	23 30 49	21° 3'22	20°32	13° 8	28°27	0°57	3° 2	25°48	8°30	29°50	3°25	11°18	12°22	16°22	n.a.	S 27
S 28	23 34 45	22° 3'50	2♎40	14°21	29°42	1°12	3°13	25°54	8°31	29°49	3°25	11°17	12°19	16°29	n.a.	S 28
M29	23 38 42	23° 4'19	14°57	15°32	0♍57	1°26	3°24	26° 0	8°33	29°47	3°24	11°D17	12°16	16°35	n.a.	M29
T 30	23 42 39	24♍ 4'51	27♎24	16♎41	2♍12	1♊39	3♌34	26♎ 7	8♋35	29♈46	3♒23	11♈18	12♈13	16♌42	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	13n24	1s45	0n35	9n56	0n21	22n 4	0n48	18n 2	0s32	21n51	0n57	7s22	2n 3	24n 7	0n28	9n57	1s56	34s28	15s20	4n52	5n31	21n21		n.a.
T 2	13 3	7 36	0s31	9 14	0 14	21 52	0 50	18 9	0 31	21 48	0 57	7 24	2 2	24 7	0 28	9 57	1 56	34 28	15 20	4 52	5 30	21 18		n.a.
W 3	12 43	13 17	1 37	8 31	0 8	21 39	0 52	18 17	0 30	21 46	0 57	7 26	2 2	24 7	0 28	9 56	1 56	34 28	15 20	4 52	5 28	21 16		n.a.
T 4	12 22	18 33	2 39	7 49	0 1	21 25	0 55	18 25	0 29	21 44	0 57	7 28	2 2	24 7	0 28	9 56	1 56	34 29	15 20	4 53	5 27	21 14		n.a.
F 5	12 1	23 6	3 35	7 7	0s 6	21 11	0 57	18 32	0 28	21 41	0 57	7 30	2 2	24 6	0 28	9 56	1 56	34 29	15 20	4 53	5 26	21 11		n.a.
S 6	11 40	26 34	4 21	6 24	0 13	20 56	0 59	18 40	0 26	21 39	0 57	7 32	2 2	24 6	0 28	9 55	1 56	34 29	15 20	4 53	5 25	21 9		n.a.
S 7	11 18	28 35	4 54	5 42	0 20	20 41	1 1	18 47	0 25	21 36	0 57	7 34	2 1	24 6	0 29	9 55	1 56	34 29	15 19	4 52	5 23	21 6		n.a.
M 8	10 56	28 47	5 9	4 59	0 27	20 25	1 3	18 54	0 24	21 34	0 58	7 36	2 1	24 6	0 29	9 55	1 56	34 29	15 19	4 51	5 22	21 4		n.a.
T 9	10 35	26 58	5 5	4 17	0 34	20 8	1 5	19 1	0 23	21 31	0 58	7 38	2 1	24 6	0 29	9 55	1 56	34 29	15 19	4 49	5 21	21 1		n.a.
W10	10 13	23 13	4 40	3 35	0 41	19 51	1 7	19 8	0 21	21 29	0 58	7 40	2 1	24 6	0 29	9 54	1 56	34 29	15 19	4 46	5 20	20 59		n.a.
T 11	9 50	17 53	3 55	2 53	0 48	19 33	1 9	19 15	0 20	21 27	0 58	7 42	2 1	24 6	0 29	9 54	1 56	34 29	15 19	4 44	5 18	20 56		n.a.
F 12	9 28	11 26	2 53	2 11	0 54	19 15	1 11	19 22	0 19	21 24	0 58	7 45	2 0	24 6	0 29	9 54	1 56	34 30	15 19	4 42	5 17	20 54		n.a.
S 13	9 5	4 23	1 40	1 29	1 1	18 56	1 12	19 28	0 17	21 22	0 58	7 47	2 0	24 6	0 29	9 53	1 56	34 30	15 19	4 41	5 16	20 52		n.a.
S 14	8 43	2n45	0 22	0 48	1 8	18 37	1 14	19 34	0 16	21 19	0 58	7 49	2 0	24 5	0 29	9 53	1 56	34 30	15 18	4 41	5 15	20 49		n.a.
M15	8 20	9 33	0n56	0 6	1 15	18 16	1 16	19 41	0 15	21 17	0 59	7 51	2 0	24 5	0 29	9 52	1 56	34 30	15 18	4 41	5 13	20 47		n.a.
T 16	7 57	15 41	2 8	0s34	1 21	17 56	1 17	19 47	0 13	21 15	0 59	7 53	2 0	24 5	0 29	9 52	1 56	34 30	15 18	4 41	5 12	20 44		n.a.
W17	7 34	20 52	3 11	1 15	1 28	17 35	1 19	19 53	0 12	21 12	0 59	7 56	2 0	24 5	0 29	9 52	1 56	34 30	15 18	4 42	5 11	20 42		n.a.
T 18	7 11	24 53	4 2	1 55	1 34	17 13	1 20	19 59	0 10	21 10	0 59	7 58	1 59	24 5	0 29	9 51	1 57	34 30	15 18	4 42	5 10	20 39		n.a.
F 19	6 47	27 35	4 39	2 35	1 41	16 51	1 21	20 5	0 9	21 7	0 59	8 0	1 59	24 5	0 29	9 51	1 57	34 30	15 17	4 43	5 8	20 37		n.a.
S 20	6 24	28 53	5 3	3 14	1 47	16 28	1 23	20 10	0 7	21 5	1 0	8 2	1 59	24 5	0 29	9 50	1 57	34 30	15 17	4 42	5 7	20 34		n.a.
S 21	6 0	28 45	5 13	3 52	1 53	16 5	1 24	20 16	0 6	21 3	1 0	8 5	1 59	24 5	0 29	9 50	1 57	34 30	15 17	4 41	5 6	20 32		n.a.
M22	5 36	27 16	5 9	4 30	1 59	15 41	1 25	20 21	0 4	21 0	1 0	8 7	1 59	24 5	0 29	9 50	1 57	34 30	15 17	4 40	5 5	20 29		n.a.
T 23	5 13	24 35	4 52	5 8	2 4	15 17	1 26	20 27	0 3	20 58	1 0	8 9	1 59	24 5	0 29	9 49	1 57	34 30	15 16	4 39	5 3	20 26		n.a.
W24	4 49	20 53	4 23	5 44	2 10	14 53	1 27	20 32	0 1	20 56	1 0	8 12	1 58	24 4	0 29	9 49	1 57	34 30	15 16	4 37	5 2	20 24		n.a.
T 25	4 25	16 20	3 42	6 20	2 15	14 28	1 28	20 37	0n 1	20 53	1 0	8 14	1 58	24 4	0 29	9 48	1 57	34 30	15 16	4 35	5 1	20 21		n.a.
F 26	4 1	11 9	2 51	6 55	2 20	14 3	1 29	20 42	0 2	20 51	1 1	8 16	1 58	24 4	0 29	9 48	1 57	34 30	15 16	4 34	5 0	20 19		n.a.
S 27	3 36	5 32	1 52	7 29	2 24	13 37	1 29	20 47	0 4	20 49	1 1	8 19	1 58	24 4	0 29	9 47	1 57	34 30	15 16	4 33	4 58	20 16		n.a.
S 28	3 12	0s21	0 47	8 2	2 28	13 11	1 30	20 51	0 6	20 46	1 1	8 21	1 58	24 4	0 29	9 47	1 57	34 30	15 15	4 32	4 57	20 14		n.a.
M29	2 48	6 18	0s20	8 33	2 32	12 44	1 31	20 56	0 8	20 44	1 1	8 24	1 58	24 4	0 29	9 46	1 57	34 30	15 15	4 32	4 56	20 11		n.a.
T 30	2n23	12s 6	1s28	9s 4	2s36	12n17	1n31	21n 1	0n 9	20n42	1n 1	8s26	1n58	24n 4	0n29	9n46	1s57	34s30	15s15	4n33	4n55	20n 9		n.a.

Julian Day Number = 1209585.5, Delta T = 09h14m18s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'43, Lahiri = -23°17'43 Julian Calendar 1 Sept. 1402 BCE == Greg. Calendar 19 Aug. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

OCTOBER 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 46 35	25♍ 5'23	10♏ 3	17♎48	3♍27	1♊52	3♌44	26♎13	8♋36	29°R45	3°R23	11♈19	12♈10	16♌49	n.a.	W 1
T 2	23 50 32	26° 5'58	22°57	18°52	4°42	2° 4	3°55	26°19	8°38	29♈43	3♒22	11°20	12° 6	16°55	n.a.	T 2
F 3	23 54 28	27° 6'34	6♐ 6	19°54	5°57	2°16	4° 5	26°26	8°39	29°42	3°21	11°21	12° 3	17° 2	n.a.	F 3
S 4	23 58 25	28° 7'11	19°33	20°51	7°12	2°27	4°15	26°32	8°40	29°41	3°21	11°22	12° 0	17° 9	n.a.	S 4
S 5	0 2 21	29° 7'50	3♑19	21°45	8°28	2°37	4°25	26°39	8°42	29°39	3°20	11°R22	11°57	17°16	n.a.	S 5
M 6	0 6 18	0♎ 8'30	17°25	22°35	9°43	2°47	4°35	26°45	8°43	29°38	3°19	11°22	11°54	17°22	n.a.	M 6
T 7	0 10 14	1° 9'11	1♒48	23°21	10°58	2°56	4°44	26°51	8°44	29°36	3°19	11°21	11°50	17°29	n.a.	T 7
W 8	0 14 11	2° 9'54	16°27	24° 0	12°13	3° 5	4°54	26°58	8°45	29°35	3°18	11°20	11°47	17°36	n.a.	W 8
T 9	0 18 8	3°10'38	1♓15	24°34	13°29	3°12	5° 4	27° 5	8°46	29°33	3°18	11°19	11°44	17°42	n.a.	T 9
F 10	0 22 4	4°11'23	16° 7	25° 1	14°44	3°19	5°13	27°11	8°47	29°32	3°17	11°18	11°41	17°49	n.a.	F 10
S 11	0 26 1	5°12'09	0♈54	25°21	15°59	3°25	5°22	27°18	8°48	29°30	3°17	11°17	11°38	17°56	n.a.	S 11
S 12	0 29 57	6°12'57	15°28	25°33	17°15	3°31	5°32	27°24	8°49	29°29	3°16	11°D17	11°35	18° 2	n.a.	S 12
M13	0 33 54	7°13'47	29°45	25°R35	18°30	3°36	5°41	27°31	8°50	29°27	3°16	11°18	11°31	18° 9	n.a.	M13
T 14	0 37 50	8°14'38	13♉38	25°28	19°45	3°40	5°50	27°38	8°51	29°26	3°15	11°18	11°28	18°16	n.a.	T 14
W15	0 41 47	9°15'30	27° 7	25°11	21° 1	3°43	5°59	27°45	8°52	29°24	3°15	11°18	11°25	18°23	n.a.	W15
T 16	0 45 43	10°16'24	10♊11	24°43	22°16	3°46	6° 7	27°51	8°52	29°23	3°15	11°18	11°22	18°29	n.a.	T 16
F 17	0 49 40	11°17'20	22°53	24° 5	23°32	3°48	6°16	27°58	8°53	29°21	3°14	11°R18	11°19	18°36	n.a.	F 17
S 18	0 53 37	12°18'17	5♋15	23°16	24°47	3°49	6°25	28° 5	8°53	29°19	3°14	11°18	11°15	18°43	n.a.	S 18
S 19	0 57 33	13°19'16	17°23	22°16	26° 3	3°R49	6°33	28°12	8°54	29°18	3°14	11°D18	11°12	18°49	n.a.	S 19
M20	1 1 30	14°20'17	29°20	21° 8	27°18	3°48	6°41	28°19	8°54	29°16	3°13	11°18	11° 9	18°56	n.a.	M20
T 21	1 5 26	15°21'18	11♌11	19°53	28°34	3°47	6°49	28°25	8°55	29°14	3°13	11°19	11° 6	19° 3	n.a.	T 21
W22	1 9 23	16°22'21	23° 1	18°33	29°49	3°44	6°57	28°32	8°55	29°13	3°13	11°19	11° 3	19° 9	n.a.	W22
T 23	1 13 19	17°23'25	4♍55	17°11	1♎ 5	3°41	7° 5	28°39	8°56	29°11	3°13	11°20	11° 0	19°16	n.a.	T 23
F 24	1 17 16	18°24'31	16°54	15°49	2°20	3°37	7°13	28°46	8°56	29°10	3°13	11°21	10°56	19°23	n.a.	F 24
S 25	1 21 12	19°25'37	29° 3	14°30	3°36	3°32	7°21	28°53	8°56	29° 8	3°12	11°21	10°53	19°29	n.a.	S 25
S 26	1 25 9	20°26'45	11♎24	13°17	4°52	3°27	7°28	29° 0	8°56	29° 6	3°12	11°R21	10°50	19°36	n.a.	S 26
M27	1 29 6	21°27'54	23°58	12°12	6° 7	3°20	7°36	29° 7	8°56	29° 4	3°12	11°21	10°47	19°43	n.a.	M27
T 28	1 33 2	22°29'03	6♏46	11°16	7°23	3°13	7°43	29°14	8°R56	29° 3	3°12	11°20	10°44	19°50	n.a.	T 28
W29	1 36 59	23°30'14	19°47	10°31	8°38	3° 5	7°50	29°21	8°56	29° 1	3°12	11°19	10°41	19°56	n.a.	W29
T 30	1 40 55	24°31'25	3♐ 2	9°58	9°54	2°56	7°57	29°28	8°56	28°59	3°12	11°17	10°37	20° 3	n.a.	T 30
F 31	1 44 52	25♎32'37	16♐30	9♎35	11♎10	2♊46	8♌ 4	29♎35	8♋56	28♈58	3°D12	11♈15	10♈34	20♌10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	1n59	17s30	2s32	9s32	2s39	11n50	1n32	21n 5	0n11	20n39	1n 2	8s29	1n57	24n 4	0n29	9n45	1s57	34s30	15s15	4n33	4n53	20n 6			n.a.
T 2	1 35	22 13	3 31	10 0	2 41	11 23	1 32	21 9	0 13	20 37	1 2	8 31	1 57	24 4	0 29	9 45	1 57	34 30	15 14	4 34	4 52	20 3			n.a.
F 3	1 10	25 57	4 19	10 25	2 43	10 55	1 32	21 13	0 15	20 35	1 2	8 33	1 57	24 4	0 29	9 44	1 57	34 30	15 14	4 34	4 51	20 1			n.a.
S 4	0 46	28 20	4 54	10 48	2 44	10 27	1 32	21 18	0 17	20 33	1 2	8 36	1 57	24 4	0 29	9 44	1 57	34 30	15 14	4 34	4 49	19 58			n.a.
S 5	0 21	29 3	5 14	11 10	2 45	9 58	1 33	21 21	0 19	20 30	1 2	8 38	1 57	24 4	0 29	9 43	1 57	34 30	15 13	4 34	4 48	19 56			n.a.
M 6	0s 3	27 54	5 15	11 29	2 44	9 29	1 33	21 25	0 21	20 28	1 3	8 41	1 57	24 4	0 29	9 43	1 57	34 29	15 13	4 34	4 47	19 53			n.a.
T 7	0 28	24 55	4 57	11 45	2 43	9 0	1 33	21 29	0 23	20 26	1 3	8 43	1 57	24 4	0 30	9 42	1 57	34 29	15 13	4 34	4 46	19 50			n.a.
W 8	0 53	20 18	4 19	11 58	2 41	8 31	1 33	21 33	0 25	20 24	1 3	8 46	1 57	24 4	0 30	9 42	1 57	34 29	15 13	4 33	4 44	19 48			n.a.
T 9	1 17	14 23	3 24	12 8	2 38	8 2	1 33	21 36	0 27	20 22	1 3	8 48	1 56	24 4	0 30	9 41	1 57	34 29	15 12	4 33	4 43	19 45			n.a.
F 10	1 42	7 38	2 15	12 14	2 34	7 32	1 32	21 40	0 29	20 20	1 4	8 51	1 56	24 3	0 30	9 41	1 57	34 29	15 12	4 33	4 42	19 43			n.a.
S 11	2 6	0 31	0 57	12 16	2 29	7 2	1 32	21 43	0 31	20 17	1 4	8 53	1 56	24 3	0 30	9 40	1 57	34 29	15 12	4 33	4 41	19 40			n.a.
S 12	2 31	6n33	0n23	12 14	2 22	6 32	1 32	21 46	0 33	20 15	1 4	8 56	1 56	24 3	0 30	9 39	1 57	34 29	15 11	4 33	4 39	19 37			n.a.
M13	2 55	13 9	1 41	12 8	2 13	6 1	1 31	21 49	0 35	20 13	1 4	8 58	1 56	24 3	0 30	9 39	1 57	34 28	15 11	4 33	4 38	19 35			n.a.
T 14	3 20	18 54	2 50	11 56	2 3	5 31	1 31	21 52	0 37	20 11	1 4	9 1	1 56	24 3	0 30	9 38	1 57	34 28	15 11	4 33	4 37	19 32			n.a.
W15	3 44	23 33	3 48	11 39	1 52	5 0	1 30	21 55	0 39	20 9	1 5	9 3	1 56	24 3	0 30	9 38	1 57	34 28	15 11	4 33	4 36	19 29			n.a.
T 16	4 8	26 51	4 32	11 16	1 38	4 29	1 30	21 57	0 42	20 7	1 5	9 6	1 56	24 3	0 30	9 37	1 57	34 28	15 10	4 33	4 34	19 27			n.a.
F 17	4 33	28 41	5 1	10 47	1 23	3 58	1 29	22 0	0 44	20 5	1 5	9 8	1 56	24 3	0 30	9 37	1 57	34 28	15 10	4 33	4 33	19 24			n.a.
S 18	4 57	29 1	5 16	10 13	1 7	3 27	1 28	22 3	0 46	20 3	1 5	9 11	1 56	24 3	0 30	9 36	1 57	34 27	15 10	4 33	4 32	19 21			n.a.
S 19	5 21	27 55	5 16	9 34	0 49	2 56	1 28	22 5	0 49	20 1	1 6	9 14	1 55	24 3	0 30	9 35	1 57	34 27	15 9	4 33	4 31	19 19			n.a.
M20	5 45	25 34	5 2	8 50	0 29	2 25	1 27	22 7	0 51	19 59	1 6	9 16	1 55	24 3	0 30	9 35	1 57	34 27	15 9	4 33	4 29	19 16			n.a.
T 21	6 9	22 8	4 35	8 3	0 9	1 53	1 26	22 9	0 53	19 58	1 6	9 19	1 55	24 3	0 30	9 34	1 58	34 27	15 9	4 33	4 28	19 13			n.a.
W22	6 33	17 48	3 57	7 13	0n11	1 22	1 25	22 11	0 56	19 56	1 6	9 21	1 55	24 3	0 30	9 34	1 58	34 26	15 8	4 33	4 27	19 11			n.a.
T 23	6 57	12 48	3 9	6 22	0 32	0 50	1 24	22 13	0 58	19 54	1 7	9 24	1 55	24 3	0 30	9 33	1 58	34 26	15 8	4 34	4 25	19 8			n.a.
F 24	7 20	7 16	2 12	5 32	0 52	0 19	1 23	22 14	1 1	19 52	1 7	9 26	1 55	24 3	0 30	9 32	1 58	34 26	15 8	4 34	4 24	19 5			n.a.
S 25	7 44	1 25	1 8	4 43	1 11	0s13	1 21	22 16	1 3	19 50	1 7	9 29	1 55	24 3	0 30	9 32	1 58	34 26	15 7	4 34	4 23	19 3			n.a.
S 26	8 7	4s35	0s 0	3 58	1 29	0 44	1 20	22 17	1 6	19 49	1 7	9 31	1 55	24 3	0 30	9 31	1 58	34 25	15 7	4 34	4 22	19 0			n.a.
M27	8 31	10 32	1 9	3 18	1 45	1 16	1 19	22 18	1 8	19 47	1 8	9 34	1 55	24 3	0 30	9 31	1 58	34 25	15 7	4 34	4 20	18 57			n.a.
T 28	8 54	16 9	2 16	2 43	1 59	1 48	1 18	22 19	1 11	19 45	1 8	9 37	1 55	24 4	0 30	9 30	1 58	34 25	15 6	4 34	4 19	18 55			n.a.
W29	9 17	21 9	3 17	2 15	2 10	2 19	1 16	22 20	1 13	19 44	1 8	9 39	1 55	24 4	0 30	9 29	1 58	34 25	15 6	4 33	4 18	18 52			n.a.
T 30	9 40	25 11	4 8	1 52	2 20	2 51	1 15	22 21	1 16	19 42	1 8	9 42	1 55	24 4	0 30	9 29	1 58	34 24	15 6	4 32	4 17	18 49			n.a.
F 31	10s 3	27s55	4s47	1s36	2n28	3s22	1n13	22n22	1n18	19n41	1n 9	9s44	1n55	24n 4	0n30	9n28	1s58	34s24	15s 5	4n32	4n15	18n46			n.a.

Julian Day Number = 1209615.5, Delta T = 09h14m17s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'39, Lahiri = -23°17'39 Julian Calendar 1 Oct. 1402 BCE == Greg. Calendar 18 Sept. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

NOVEMBER 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 48 48	26♎33'50	0♑10	9°R24	12♎25	2°R35	8♌10	29♎42	8°R56	28°R56	3♒12	11°R13	10♈31	20♌16	n.a.	S 1
S 2	1 52 45	27°35'03	14° 1	9°D24	13°41	2♊24	8°17	29°49	8♋55	28♈54	3°12	11♈12	10°28	20°23	n.a.	S 2
M 3	1 56 42	28°36'16	28° 2	9♎33	14°56	2°11	8°23	29°56	8°55	28°53	3°12	11°D12	10°25	20°30	n.a.	M 3
T 4	2 0 38	29°37'30	12♒12	9°52	16°12	1°58	8°29	0♏ 3	8°55	28°51	3°12	11°12	10°21	20°36	n.a.	T 4
W 5	2 4 35	0♏38'43	26°29	10°18	17°27	1°44	8°35	0°10	8°54	28°49	3°12	11°13	10°18	20°43	n.a.	W 5
T 6	2 8 31	1°39'57	10♓50	10°52	18°43	1°29	8°41	0°17	8°54	28°47	3°13	11°15	10°15	20°50	n.a.	T 6
F 7	2 12 28	2°41'12	25°12	11°33	19°59	1°14	8°47	0°24	8°53	28°46	3°13	11°16	10°12	20°56	n.a.	F 7
S 8	2 16 24	3°42'26	9♈31	12°20	21°14	0°58	8°53	0°31	8°53	28°44	3°13	11°R16	10° 9	21° 3	n.a.	S 8
S 9	2 20 21	4°43'41	23°43	13°12	22°30	0°41	8°58	0°38	8°52	28°42	3°13	11°16	10° 6	21°10	n.a.	S 9
M10	2 24 17	5°44'57	7♉42	14° 9	23°45	0°23	9° 3	0°45	8°51	28°41	3°13	11°14	10° 2	21°17	n.a.	M10
T 11	2 28 14	6°46'12	21°26	15° 9	25° 1	0° 5	9° 8	0°52	8°51	28°39	3°14	11°11	9°59	21°23	n.a.	T 11
W12	2 32 11	7°47'29	4♊50	16°13	26°17	29♉46	9°13	0°58	8°50	28°37	3°14	11° 7	9°56	21°30	n.a.	W12
T 13	2 36 7	8°48'45	17°55	17°21	27°32	29°26	9°18	1° 5	8°49	28°36	3°14	11° 2	9°53	21°37	n.a.	T 13
F 14	2 40 4	9°50'02	0♋39	18°31	28°48	29° 6	9°23	1°12	8°48	28°34	3°15	10°58	9°50	21°43	n.a.	F 14
S 15	2 44 0	10°51'20	13° 4	19°43	0♏ 3	28°46	9°27	1°19	8°47	28°32	3°15	10°54	9°47	21°50	n.a.	S 15
S 16	2 47 57	11°52'38	25°14	20°57	1°19	28°24	9°31	1°26	8°46	28°31	3°15	10°51	9°43	21°57	n.a.	S 16
M17	2 51 53	12°53'56	7♌13	22°14	2°34	28° 3	9°35	1°33	8°45	28°29	3°16	10°49	9°40	22° 3	n.a.	M17
T 18	2 55 50	13°55'15	19° 4	23°32	3°50	27°41	9°39	1°40	8°44	28°27	3°16	10°D49	9°37	22°10	n.a.	T 18
W19	2 59 47	14°56'33	0♍54	24°51	5° 5	27°18	9°43	1°47	8°43	28°26	3°17	10°50	9°34	22°17	n.a.	W19
T 20	3 3 43	15°57'52	12°48	26°12	6°21	26°55	9°47	1°54	8°41	28°24	3°17	10°52	9°31	22°23	n.a.	T 20
F 21	3 7 40	16°59'12	24°49	27°34	7°37	26°32	9°50	2° 1	8°40	28°22	3°18	10°54	9°27	22°30	n.a.	F 21
S 22	3 11 36	18° 0'31	7♎ 4	28°57	8°52	26° 8	9°53	2° 7	8°39	28°21	3°18	10°R55	9°24	22°37	n.a.	S 22
S 23	3 15 33	19° 1'50	19°34	0♏21	10° 8	25°45	9°56	2°14	8°37	28°19	3°19	10°55	9°21	22°44	n.a.	S 23
M24	3 19 29	20° 3'10	2♏22	1°46	11°23	25°21	9°59	2°21	8°36	28°18	3°19	10°53	9°18	22°50	n.a.	M24
T 25	3 23 26	21° 4'29	15°30	3°11	12°39	24°57	10° 2	2°28	8°34	28°16	3°20	10°48	9°15	22°57	n.a.	T 25
W26	3 27 22	22° 5'49	28°57	4°38	13°54	24°32	10° 4	2°35	8°33	28°15	3°21	10°42	9°12	23° 4	n.a.	W26
T 27	3 31 19	23° 7'07	12♐40	6° 5	15°10	24° 8	10° 6	2°41	8°31	28°13	3°21	10°35	9° 8	23°10	n.a.	T 27
F 28	3 35 16	24° 8'26	26°36	7°32	16°25	23°44	10° 8	2°48	8°30	28°12	3°22	10°28	9° 5	23°17	n.a.	F 28
S 29	3 39 12	25° 9'44	10♑41	9° 0	17°41	23°20	10°10	2°55	8°28	28°10	3°23	10°21	9° 2	23°24	n.a.	S 29
S 30	3 43 9	26♏11'01	24♑51	10♏29	18♏56	22♉56	10♌12	3♏ 1	8♋26	28♈ 9	3♒23	10♈15	8♈59	23♌30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10s25	29s 2	5s10	1s26	2n34	3s54	1n12	22n22	1n21	19n39	1n 9	9s47	1n55	24n 4	0n30	9n28	1s58	34s24	15s 5	4n31	4n14	18n44		n.a.
S 2	10 48	28 20	5 15	1 22	2 38	4 25	1 10	22 22	1 24	19 38	1 9	9 49	1 54	24 4	0 30	9 27	1 58	34 23	15 5	4 30	4 13	18 41		n.a.
M 3	11 10	25 51	5 2	1 24	2 40	4 56	1 8	22 22	1 26	19 36	1 10	9 52	1 54	24 4	0 30	9 26	1 58	34 23	15 5	4 30	4 12	18 38		n.a.
T 4	11 32	21 46	4 31	1 30	2 42	5 27	1 7	22 22	1 29	19 35	1 10	9 54	1 54	24 4	0 31	9 26	1 58	34 23	15 4	4 30	4 10	18 36		n.a.
W 5	11 54	16 23	3 43	1 41	2 41	5 58	1 5	22 22	1 32	19 34	1 10	9 57	1 54	24 4	0 31	9 25	1 58	34 22	15 4	4 31	4 9	18 33		n.a.
T 6	12 16	10 6	2 40	1 56	2 40	6 29	1 3	22 21	1 34	19 32	1 10	9 59	1 54	24 4	0 31	9 24	1 58	34 22	15 4	4 31	4 8	18 30		n.a.
F 7	12 37	3 17	1 27	2 14	2 38	7 0	1 1	22 21	1 37	19 31	1 11	10 2	1 54	24 4	0 31	9 24	1 58	34 21	15 3	4 32	4 6	18 27		n.a.
S 8	12 58	3n41	0 10	2 35	2 35	7 31	1 0	22 20	1 39	19 30	1 11	10 4	1 54	24 4	0 31	9 23	1 57	34 21	15 3	4 32	4 5	18 25		n.a.
S 9	13 19	10 25	1n 8	3 0	2 31	8 1	0 58	22 19	1 42	19 29	1 11	10 7	1 54	24 4	0 31	9 23	1 57	34 21	15 3	4 32	4 4	18 22		n.a.
M10	13 40	16 32	2 20	3 26	2 26	8 31	0 56	22 18	1 45	19 27	1 12	10 9	1 54	24 4	0 31	9 22	1 57	34 20	15 2	4 31	4 3	18 19		n.a.
T 11	14 1	21 42	3 23	3 54	2 21	9 1	0 54	22 16	1 47	19 26	1 12	10 12	1 54	24 4	0 31	9 21	1 57	34 20	15 2	4 30	4 1	18 16		n.a.
W12	14 21	25 37	4 13	4 24	2 16	9 31	0 52	22 15	1 50	19 25	1 12	10 14	1 54	24 4	0 31	9 21	1 57	34 20	15 2	4 28	4 0	18 13		n.a.
T 13	14 41	28 5	4 48	4 56	2 10	10 0	0 50	22 13	1 52	19 24	1 12	10 17	1 54	24 5	0 31	9 20	1 57	34 19	15 1	4 27	3 59	18 11		n.a.
F 14	15 1	28 59	5 8	5 29	2 4	10 30	0 48	22 11	1 55	19 23	1 13	10 19	1 54	24 5	0 31	9 20	1 57	34 19	15 1	4 25	3 58	18 8		n.a.
S 15	15 21	28 23	5 13	6 3	1 57	10 59	0 45	22 9	1 57	19 22	1 13	10 22	1 54	24 5	0 31	9 19	1 57	34 18	15 1	4 23	3 56	18 5		n.a.
S 16	15 40	26 26	5 3	6 37	1 50	11 28	0 43	22 6	2 0	19 22	1 13	10 24	1 54	24 5	0 31	9 19	1 57	34 18	15 0	4 22	3 55	18 2		n.a.
M17	15 59	23 18	4 40	7 13	1 43	11 56	0 41	22 4	2 2	19 21	1 14	10 27	1 54	24 5	0 31	9 18	1 57	34 18	15 0	4 21	3 54	18 0		n.a.
T 18	16 18	19 15	4 6	7 49	1 36	12 24	0 39	22 1	2 5	19 20	1 14	10 29	1 54	24 5	0 31	9 17	1 57	34 17	15 0	4 21	3 53	17 57		n.a.
W19	16 36	14 28	3 21	8 25	1 29	12 52	0 37	21 58	2 7	19 19	1 14	10 31	1 54	24 5	0 31	9 17	1 57	34 17	14 59	4 22	3 51	17 54		n.a.
T 20	16 54	9 8	2 27	9 1	1 22	13 20	0 34	21 55	2 10	19 19	1 14	10 34	1 54	24 5	0 31	9 16	1 57	34 16	14 59	4 23	3 50	17 51		n.a.
F 21	17 12	3 25	1 27	9 38	1 14	13 47	0 32	21 51	2 12	19 18	1 15	10 36	1 54	24 5	0 31	9 16	1 57	34 16	14 59	4 23	3 49	17 48		n.a.
S 22	17 30	2s32	0 21	10 15	1 7	14 14	0 30	21 48	2 14	19 17	1 15	10 39	1 54	24 6	0 31	9 15	1 57	34 15	14 58	4 24	3 47	17 45		n.a.
S 23	17 47	8 30	0s47	10 52	0 59	14 41	0 28	21 44	2 16	19 17	1 15	10 41	1 54	24 6	0 31	9 15	1 57	34 15	14 58	4 24	3 46	17 43		n.a.
M24	18 4	14 17	1 54	11 29	0 52	15 7	0 25	21 40	2 18	19 16	1 16	10 43	1 54	24 6	0 31	9 14	1 57	34 14	14 58	4 23	3 45	17 40		n.a.
T 25	18 21	19 35	2 57	12 6	0 44	15 32	0 23	21 36	2 20	19 16	1 16	10 46	1 54	24 6	0 31	9 14	1 57	34 14	14 57	4 21	3 44	17 37		n.a.
W26	18 37	24 1	3 51	12 43	0 37	15 58	0 21	21 32	2 22	19 15	1 16	10 48	1 54	24 6	0 31	9 13	1 57	34 14	14 57	4 19	3 42	17 34		n.a.
T 27	18 53	27 13	4 33	13 19	0 30	16 23	0 18	21 28	2 24	19 15	1 17	10 50	1 54	24 6	0 31	9 13	1 57	34 13	14 57	4 16	3 41	17 31		n.a.
F 28	19 8	28 48	4 59	13 55	0 22	16 47	0 16	21 24	2 26	19 15	1 17	10 53	1 54	24 6	0 31	9 12	1 57	34 13	14 56	4 13	3 40	17 28		n.a.
S 29	19 24	28 32	5 8	14 31	0 15	17 11	0 14	21 19	2 28	19 15	1 17	10 55	1 54	24 6	0 31	9 12	1 57	34 12	14 56	4 10	3 39	17 26		n.a.
S 30	19s38	26s25	4s58	15s 6	0n 8	17s35	0n11	21n15	2n30	19n14	1n18	10s57	1n54	24n 7	0n31	9n11	1s57	34s12	14s56	4n 8	3n37	17n23		n.a.

Julian Day Number = 1209646.5, Delta T = 09h14m15s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'35, Lahiri = -23°17'34 Julian Calendar 1 Nov. 1402 BCE == Greg. Calendar 19 Oct. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1402 BCE
geocentric

DECEMBER 1402 BCE (-1401) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 47 5	27♏12'18	9♒ 2	11♏59	20♏12	22°R32	10♌13	3♏ 8	8°R25	28°R 7	3♒24	10°R11	8♈56	23♌37	n.a.	M 1
T 2	3 51 2	28°13'34	23°12	13°28	21°27	22♉ 9	10°15	3°14	8♋23	28♈ 6	3°25	10°D10	8°53	23°44	n.a.	T 2
W 3	3 54 58	29°14'49	7♓19	14°59	22°42	21°46	10°16	3°21	8°21	28° 4	3°26	10♈10	8°49	23°50	n.a.	W 3
T 4	3 58 55	0♐16'03	21°21	16°29	23°58	21°23	10°17	3°27	8°19	28° 3	3°26	10°11	8°46	23°57	n.a.	T 4
F 5	4 2 52	1°17'16	5♈18	18° 1	25°13	21° 0	10°18	3°34	8°17	28° 2	3°27	10°R12	8°43	24° 4	n.a.	F 5
S 6	4 6 48	2°18'28	19° 9	19°33	26°29	20°38	10°18	3°40	8°15	28° 0	3°28	10°12	8°40	24°10	n.a.	S 6
S 7	4 10 45	3°19'39	2♉52	21° 5	27°44	20°16	10°18	3°47	8°13	27°59	3°29	10° 9	8°37	24°17	n.a.	S 7
M 8	4 14 41	4°20'49	16°26	22°38	28°59	19°55	10°R19	3°53	8°11	27°58	3°30	10° 4	8°33	24°24	n.a.	M 8
T 9	4 18 38	5°21'59	29°48	24°11	0♗15	19°34	10°19	3°59	8° 9	27°56	3°31	9°57	8°30	24°30	n.a.	T 9
W10	4 22 34	6°23'08	12♊57	25°45	1°30	19°14	10°18	4° 6	8° 7	27°55	3°32	9°47	8°27	24°37	n.a.	W10
T 11	4 26 31	7°24'16	25°51	27°19	2°45	18°54	10°18	4°12	8° 5	27°54	3°33	9°36	8°24	24°44	n.a.	T 11
F 12	4 30 27	8°25'23	8♋29	28°54	4° 1	18°35	10°17	4°18	8° 3	27°53	3°34	9°25	8°21	24°51	n.a.	F 12
S 13	4 34 24	9°26'29	20°52	0♗30	5°16	18°17	10°17	4°24	8° 1	27°51	3°35	9°15	8°18	24°57	n.a.	S 13
S 14	4 38 21	10°27'35	3♌ 1	2° 6	6°31	17°59	10°16	4°30	7°59	27°50	3°36	9° 7	8°14	25° 4	n.a.	S 14
M15	4 42 17	11°28'40	14°59	3°43	7°47	17°42	10°14	4°37	7°56	27°49	3°37	9° 0	8°11	25°11	n.a.	M15
T 16	4 46 14	12°29'44	26°51	5°20	9° 2	17°25	10°13	4°43	7°54	27°48	3°38	8°57	8° 8	25°17	n.a.	T 16
W17	4 50 10	13°30'47	8♍40	6°58	10°17	17° 9	10°12	4°49	7°52	27°47	3°39	8°D55	8° 5	25°24	n.a.	W17
T 18	4 54 7	14°31'49	20°32	8°36	11°32	16°54	10°10	4°54	7°50	27°46	3°40	8°55	8° 2	25°31	n.a.	T 18
F 19	4 58 3	15°32'51	2♎32	10°16	12°48	16°40	10° 8	5° 0	7°47	27°45	3°41	8°R56	7°59	25°37	n.a.	F 19
S 20	5 2 0	16°33'51	14°47	11°55	14° 3	16°27	10° 6	5° 6	7°45	27°44	3°42	8°56	7°55	25°44	n.a.	S 20
S 21	5 5 57	17°34'51	27°20	13°36	15°18	16°14	10° 3	5°12	7°42	27°43	3°43	8°54	7°52	25°51	n.a.	S 21
M22	5 9 53	18°35'49	10♏15	15°17	16°33	16° 2	10° 1	5°18	7°40	27°42	3°44	8°50	7°49	25°57	n.a.	M22
T 23	5 13 50	19°36'47	23°35	16°59	17°49	15°51	9°58	5°23	7°38	27°41	3°46	8°43	7°46	26° 4	n.a.	T 23
W24	5 17 46	20°37'43	7♐20	18°42	19° 4	15°40	9°55	5°29	7°35	27°40	3°47	8°34	7°43	26°11	n.a.	W24
T 25	5 21 43	21°38'39	21°27	20°25	20°19	15°31	9°52	5°35	7°33	27°39	3°48	8°23	7°39	26°17	n.a.	T 25
F 26	5 25 39	22°39'33	5♑51	22° 9	21°34	15°22	9°49	5°40	7°30	27°38	3°49	8°11	7°36	26°24	n.a.	F 26
S 27	5 29 36	23°40'25	20°26	23°54	22°49	15°14	9°46	5°45	7°28	27°37	3°50	8° 0	7°33	26°31	n.a.	S 27
S 28	5 33 32	24°41'16	5♒ 3	25°39	24° 4	15° 7	9°42	5°51	7°25	27°37	3°52	7°50	7°30	26°37	n.a.	S 28
M29	5 37 29	25°42'05	19°36	27°26	25°20	15° 1	9°38	5°56	7°23	27°36	3°53	7°43	7°27	26°44	n.a.	M29
T 30	5 41 26	26°42'52	4♓ 1	29°12	26°35	14°55	9°34	6° 1	7°20	27°35	3°54	7°39	7°24	26°51	n.a.	T 30
W31	5 45 22	27♐43'38	18♓13	1♑ 0	27♐50	14♉51	9♌30	6♏ 7	7♋17	27♈35	3♒56	7♈38	7♈20	26♌58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	19s53	22s39	4s30	15s41	0n 1	17s58	0n 9	21n10	2n32	19n14	1n18	10s59	1n54	24n 7	0n31	9n11	1s57	34s11	14s56	4n 6	3n36	17n20			n.a.
T 2	20 7	17 34	3 46	16 16	0s 6	18 20	0 6	21 5	2 33	19 14	1 18	11 2	1 54	24 7	0 31	9 10	1 57	34 11	14 55	4 6	3 35	17 17			n.a.
W 3	20 21	11 34	2 48	16 50	0 13	18 43	0 4	21 1	2 35	19 14	1 19	11 4	1 54	24 7	0 31	9 10	1 57	34 10	14 55	4 6	3 33	17 14			n.a.
T 4	20 34	5 1	1 40	17 23	0 20	19 4	0 2	20 56	2 36	19 14	1 19	11 6	1 54	24 7	0 32	9 9	1 57	34 10	14 55	4 6	3 32	17 11			n.a.
F 5	20 47	1n44	0 26	17 56	0 27	19 25	0s 1	20 51	2 38	19 14	1 19	11 8	1 54	24 7	0 32	9 9	1 57	34 9	14 54	4 6	3 31	17 8			n.a.
S 6	20 59	8 22	0n48	18 28	0 33	19 46	0 3	20 46	2 39	19 15	1 19	11 10	1 54	24 7	0 32	9 8	1 57	34 9	14 54	4 6	3 30	17 6			n.a.
S 7	21 11	14 32	1 59	18 59	0 40	20 6	0 6	20 42	2 40	19 15	1 20	11 13	1 54	24 8	0 32	9 8	1 57	34 8	14 54	4 5	3 28	17 3			n.a.
M 8	21 23	19 56	3 2	19 30	0 46	20 25	0 8	20 37	2 41	19 15	1 20	11 15	1 54	24 8	0 32	9 7	1 57	34 8	14 54	4 3	3 27	17 0			n.a.
T 9	21 34	24 16	3 53	19 59	0 52	20 44	0 10	20 32	2 42	19 15	1 20	11 17	1 54	24 8	0 32	9 7	1 57	34 7	14 53	4 0	3 26	16 57			n.a.
W10	21 45	27 15	4 32	20 28	0 58	21 2	0 13	20 27	2 43	19 16	1 21	11 19	1 55	24 8	0 32	9 7	1 57	34 7	14 53	3 57	3 25	16 54			n.a.
T 11	21 56	28 43	4 55	20 56	1 3	21 19	0 15	20 23	2 44	19 16	1 21	11 21	1 55	24 8	0 32	9 6	1 56	34 6	14 53	3 52	3 23	16 51			n.a.
F 12	22 6	28 38	5 4	21 23	1 9	21 36	0 17	20 18	2 45	19 17	1 21	11 23	1 55	24 8	0 32	9 6	1 56	34 6	14 53	3 48	3 22	16 48			n.a.
S 13	22 15	27 7	4 58	21 49	1 14	21 53	0 20	20 14	2 46	19 17	1 22	11 25	1 55	24 9	0 32	9 5	1 56	34 5	14 52	3 44	3 21	16 45			n.a.
S 14	22 25	24 20	4 38	22 15	1 19	22 8	0 22	20 9	2 47	19 18	1 22	11 27	1 55	24 9	0 32	9 5	1 56	34 5	14 52	3 40	3 19	16 42			n.a.
M15	22 33	20 33	4 7	22 38	1 24	22 23	0 24	20 5	2 48	19 18	1 22	11 29	1 55	24 9	0 32	9 5	1 56	34 4	14 52	3 38	3 18	16 39			n.a.
T 16	22 42	15 59	3 25	23 1	1 29	22 38	0 26	20 1	2 48	19 19	1 23	11 31	1 55	24 9	0 32	9 4	1 56	34 4	14 52	3 36	3 17	16 37			n.a.
W17	22 49	10 50	2 34	23 23	1 33	22 51	0 29	19 57	2 49	19 20	1 23	11 33	1 55	24 9	0 32	9 4	1 56	34 3	14 51	3 36	3 16	16 34			n.a.
T 18	22 57	5 17	1 36	23 43	1 37	23 4	0 31	19 53	2 49	19 21	1 23	11 35	1 55	24 9	0 32	9 4	1 56	34 3	14 51	3 36	3 14	16 31			n.a.
F 19	23 4	0s30	0 34	24 3	1 41	23 17	0 33	19 49	2 50	19 21	1 24	11 37	1 55	24 10	0 32	9 3	1 56	34 2	14 51	3 36	3 13	16 28			n.a.
S 20	23 10	6 24	0s31	24 20	1 44	23 28	0 35	19 45	2 50	19 22	1 24	11 39	1 55	24 10	0 32	9 3	1 56	34 2	14 51	3 36	3 12	16 25			n.a.
S 21	23 16	12 12	1 36	24 37	1 47	23 39	0 37	19 42	2 50	19 23	1 24	11 41	1 55	24 10	0 32	9 3	1 56	34 1	14 50	3 35	3 11	16 22			n.a.
M22	23 22	17 39	2 38	24 52	1 50	23 49	0 39	19 39	2 51	19 24	1 24	11 43	1 55	24 10	0 32	9 2	1 56	34 1	14 50	3 34	3 9	16 19			n.a.
T 23	23 27	22 26	3 33	25 5	1 53	23 59	0 41	19 35	2 51	19 25	1 25	11 44	1 55	24 10	0 32	9 2	1 56	34 0	14 50	3 31	3 8	16 16			n.a.
W24	23 31	26 9	4 18	25 17	1 55	24 7	0 43	19 32	2 51	19 26	1 25	11 46	1 55	24 10	0 32	9 2	1 56	34 0	14 50	3 27	3 7	16 13			n.a.
T 25	23 36	28 22	4 48	25 27	1 57	24 15	0 46	19 30	2 51	19 27	1 25	11 48	1 55	24 11	0 32	9 2	1 56	33 59	14 49	3 23	3 5	16 10			n.a.
F 26	23 39	28 44	5 1	25 35	1 58	24 23	0 47	19 27	2 51	19 29	1 26	11 50	1 56	24 11	0 32	9 1	1 56	33 59	14 49	3 18	3 4	16 7			n.a.
S 27	23 42	27 7	4 54	25 42	1 59	24 29	0 49	19 25	2 51	19 30	1 26	11 52	1 56	24 11	0 32	9 1	1 56	33 58	14 49	3 13	3 3	16 4			n.a.
S 28	23 45	23 40	4 28	25 47	2 0	24 35	0 51	19 23	2 51	19 31	1 26	11 53	1 56	24 11	0 32	9 1	1 55	33 58	14 49	3 10	3 2	16 1			n.a.
M29	23 47	18 45	3 45	25 50	2 0	24 40	0 53	19 21	2 51	19 32	1 27	11 55	1 56	24 11	0 32	9 1	1 55	33 57	14 49	3 7	3 0	15 58			n.a.
T 30	23 49	12 48	2 48	25 51	1 59	24 44	0 55	19 19	2 51	19 34	1 27	11 57	1 56	24 11	0 32	9 0	1 55	33 56	14 49	3 5	2 59	15 55			n.a.
W31	23s51	6s17	1s41	25s50	1s58	24s47	0s57	19n17	2n51	19n35	1n27	11s58	1n56	24n11	0n32	9n 0	1s55	33s56	14s48	3n 5	2n58	15n52			n.a.

Julian Day Number = 1209676.5, Delta T = 09h14m13s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'31, Lahiri = -23°17'30 Julian Calendar 1 Dec. 1402 BCE == Greg. Calendar 18 Nov. 1402 BCE

The year -1401 astronomical counting style corresponds to year 1402 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

JANUARY 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 49 19	28♐44'21	2♈12	2♑48	29♐ 5	14°R47	9°R26	6♏12	7°R15	27°R34	3♒57	7°R37	7♈17	27♌ 4	n.a.	T 1
F 2	5 53 15	29°45'03	15°57	4°37	0♑20	14♉44	9♌21	6°17	7♋12	27♈33	3°58	7♈37	7°14	27°11	n.a.	F 2
S 3	5 57 12	0♑45'42	29°29	6°26	1°35	14°41	9°17	6°22	7°10	27°33	4° 0	7°36	7°11	27°18	n.a.	S 3
S 4	6 1 8	1°46'20	12♉50	8°16	2°50	14°40	9°12	6°27	7° 7	27°32	4° 1	7°32	7° 8	27°24	n.a.	S 4
M 5	6 5 5	2°46'56	25°59	10° 6	4° 5	14°39	9° 7	6°32	7° 4	27°32	4° 2	7°25	7° 5	27°31	n.a.	M 5
T 6	6 9 2	3°47'31	8♊58	11°56	5°20	14°D39	9° 2	6°36	7° 2	27°31	4° 4	7°16	7° 1	27°38	n.a.	T 6
W 7	6 12 58	4°48'03	21°46	13°47	6°35	14°40	8°57	6°41	6°59	27°31	4° 5	7° 3	6°58	27°44	n.a.	W 7
T 8	6 16 55	5°48'34	4♋23	15°37	7°50	14°41	8°51	6°46	6°57	27°30	4° 6	6°49	6°55	27°51	n.a.	T 8
F 9	6 20 51	6°49'02	16°49	17°27	9° 5	14°43	8°46	6°51	6°54	27°30	4° 8	6°35	6°52	27°58	n.a.	F 9
S 10	6 24 48	7°49'30	29° 3	19°16	10°20	14°46	8°40	6°55	6°51	27°29	4° 9	6°22	6°49	28° 4	n.a.	S 10
S 11	6 28 44	8°49'55	11♌ 7	21° 5	11°35	14°50	8°34	6°59	6°49	27°29	4°11	6°10	6°45	28°11	n.a.	S 11
M12	6 32 41	9°50'19	23° 2	22°52	12°50	14°54	8°28	7° 4	6°46	27°29	4°12	6° 1	6°42	28°18	n.a.	M12
T 13	6 36 37	10°50'40	4♍52	24°38	14° 4	14°59	8°22	7° 8	6°43	27°29	4°14	5°55	6°39	28°24	n.a.	T 13
W14	6 40 34	11°51'01	16°40	26°22	15°19	15° 4	8°16	7°12	6°41	27°28	4°15	5°52	6°36	28°31	n.a.	W14
T 15	6 44 31	12°51'19	28°30	28° 3	16°34	15°11	8°10	7°17	6°38	27°28	4°17	5°50	6°33	28°38	n.a.	T 15
F 16	6 48 27	13°51'36	10♎29	29°42	17°49	15°17	8° 3	7°21	6°36	27°28	4°18	5°50	6°30	28°44	n.a.	F 16
S 17	6 52 24	14°51'51	22°40	1♒17	19° 4	15°25	7°57	7°25	6°33	27°28	4°19	5°50	6°26	28°51	n.a.	S 17
S 18	6 56 20	15°52'05	5♏11	2°48	20°19	15°33	7°50	7°29	6°30	27°28	4°21	5°49	6°23	28°58	n.a.	S 18
M19	7 0 17	16°52'17	18° 5	4°14	21°33	15°42	7°43	7°32	6°28	27°28	4°22	5°45	6°20	29° 4	n.a.	M19
T 20	7 4 13	17°52'27	1♐27	5°35	22°48	15°51	7°36	7°36	6°25	27°D28	4°24	5°39	6°17	29°11	n.a.	T 20
W21	7 8 10	18°52'36	15°17	6°50	24° 3	16° 1	7°29	7°40	6°23	27°28	4°25	5°31	6°14	29°18	n.a.	W21
T 22	7 12 6	19°52'43	29°35	7°59	25°18	16°12	7°22	7°43	6°20	27°28	4°27	5°20	6°11	29°24	n.a.	T 22
F 23	7 16 3	20°52'48	14♑15	9° 1	26°33	16°23	7°15	7°47	6°18	27°28	4°29	5° 9	6° 7	29°31	n.a.	F 23
S 24	7 20 0	21°52'50	29°11	9°55	27°47	16°34	7° 8	7°50	6°15	27°28	4°30	4°58	6° 4	29°38	n.a.	S 24
S 25	7 23 56	22°52'51	14♒13	10°42	29° 2	16°46	7° 1	7°54	6°13	27°28	4°32	4°48	6° 1	29°44	n.a.	S 25
M26	7 27 53	23°52'49	29°11	11°20	0♒17	16°59	6°53	7°57	6°10	27°28	4°33	4°42	5°58	29°51	n.a.	M26
T 27	7 31 49	24°52'45	13♓57	11°49	1°31	17°12	6°46	8° 0	6° 8	27°29	4°35	4°38	5°55	29°58	n.a.	T 27
W28	7 35 46	25°52'39	28°26	12° 9	2°46	17°26	6°38	8° 3	6° 5	27°29	4°36	4°D36	5°51	0♍ 4	n.a.	W28
T 29	7 39 42	26°52'30	12♈35	12°20	4° 1	17°40	6°31	8° 6	6° 3	27°29	4°38	4°36	5°48	0°11	n.a.	T 29
F 30	7 43 39	27°52'19	26°22	12°R23	5°15	17°55	6°23	8° 9	6° 0	27°29	4°39	4°R36	5°45	0°18	n.a.	F 30
S 31	7 47 35	28♑52'06	9♉50	12♒16	6♒30	18♉10	6♌15	8♏12	5♋58	27♈30	4♒41	4♈36	5♈42	0♍24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s51	0n27	0 s29	25 s47	1 s57	24 s50	0 s58	19n16	2n51	19n37	1n27	12 s 0	1n56	24n12	0n32	9n 0	1 s55	33 s55	14 s48	3n 5	2n56	15n49			n.a.
F 2	23 52	7 3	0n44	25 42	1 55	24 52	1 0	19 15	2 50	19 38	1 28	12 1	1 56	24 12	0 32	9 0	1 55	33 55	14 48	3 5	2 55	15 46			n.a.
S 3	23 52	13 14	1 53	25 35	1 53	24 53	1 2	19 14	2 50	19 40	1 28	12 3	1 56	24 12	0 32	9 0	1 55	33 54	14 48	3 4	2 54	15 43			n.a.
S 4	23 51	18 43	2 54	25 25	1 50	24 53	1 3	19 13	2 50	19 41	1 28	12 5	1 56	24 12	0 32	9 0	1 55	33 54	14 48	3 2	2 53	15 40			n.a.
M 5	23 50	23 14	3 46	25 14	1 46	24 53	1 5	19 12	2 49	19 43	1 29	12 6	1 57	24 12	0 32	8 59	1 55	33 53	14 47	3 0	2 51	15 37			n.a.
T 6	23 48	26 32	4 24	25 0	1 41	24 52	1 6	19 12	2 49	19 44	1 29	12 8	1 57	24 12	0 32	8 59	1 55	33 53	14 47	2 56	2 50	15 34			n.a.
W 7	23 46	28 25	4 49	24 44	1 36	24 50	1 8	19 12	2 49	19 46	1 29	12 9	1 57	24 13	0 32	8 59	1 55	33 52	14 47	2 51	2 49	15 31			n.a.
T 8	23 44	28 46	4 59	24 26	1 31	24 47	1 9	19 12	2 48	19 48	1 29	12 11	1 57	24 13	0 32	8 59	1 55	33 52	14 47	2 45	2 48	15 28			n.a.
F 9	23 41	27 39	4 55	24 5	1 24	24 43	1 11	19 12	2 48	19 50	1 30	12 12	1 57	24 13	0 32	8 59	1 55	33 51	14 47	2 40	2 46	15 25			n.a.
S 10	23 38	25 13	4 37	23 43	1 17	24 39	1 12	19 13	2 48	19 51	1 30	12 13	1 57	24 13	0 32	8 59	1 55	33 51	14 47	2 34	2 45	15 22			n.a.
S 11	23 34	21 41	4 6	23 19	1 9	24 34	1 13	19 14	2 47	19 53	1 30	12 15	1 57	24 13	0 32	8 59	1 55	33 50	14 47	2 29	2 44	15 19			n.a.
M12	23 29	17 18	3 26	22 52	1 0	24 28	1 14	19 14	2 47	19 55	1 30	12 16	1 57	24 13	0 32	8 59	1 55	33 50	14 47	2 26	2 42	15 16			n.a.
T 13	23 25	12 18	2 36	22 24	0 51	24 21	1 16	19 15	2 46	19 57	1 30	12 17	1 57	24 13	0 32	8 59	1 54	33 49	14 46	2 23	2 41	15 13			n.a.
W14	23 19	6 53	1 40	21 55	0 41	24 14	1 17	19 17	2 46	19 59	1 31	12 19	1 58	24 14	0 32	8 59	1 54	33 49	14 46	2 22	2 40	15 10			n.a.
T 15	23 14	1 12	0 39	21 24	0 30	24 6	1 18	19 18	2 45	20 1	1 31	12 20	1 58	24 14	0 32	8 59	1 54	33 48	14 46	2 22	2 39	15 7			n.a.
F 16	23 8	4 s36	0 s25	20 52	0 18	23 57	1 19	19 20	2 45	20 2	1 31	12 21	1 58	24 14	0 32	8 59	1 54	33 48	14 46	2 21	2 37	15 4			n.a.
S 17	23 1	10 20	1 28	20 19	0 5	23 48	1 20	19 21	2 44	20 4	1 31	12 22	1 58	24 14	0 32	8 59	1 54	33 47	14 46	2 21	2 36	15 1			n.a.
S 18	22 54	15 49	2 29	19 45	0n 8	23 37	1 21	19 23	2 43	20 6	1 32	12 23	1 58	24 14	0 32	8 59	1 54	33 47	14 46	2 21	2 35	14 58			n.a.
M19	22 47	20 47	3 24	19 12	0 21	23 26	1 21	19 25	2 43	20 8	1 32	12 25	1 58	24 14	0 32	8 59	1 54	33 46	14 46	2 20	2 33	14 55			n.a.
T 20	22 39	24 53	4 10	18 38	0 36	23 15	1 22	19 28	2 42	20 10	1 32	12 26	1 58	24 14	0 32	8 59	1 54	33 46	14 46	2 17	2 32	14 52			n.a.
W21	22 30	27 43	4 43	18 5	0 50	23 2	1 23	19 30	2 42	20 12	1 32	12 27	1 58	24 15	0 32	8 59	1 54	33 45	14 46	2 14	2 31	14 49			n.a.
T 22	22 22	28 51	5 0	17 33	1 5	22 49	1 23	19 32	2 41	20 14	1 32	12 28	1 59	24 15	0 32	8 59	1 54	33 45	14 46	2 9	2 30	14 46			n.a.
F 23	22 12	28 1	4 57	17 2	1 20	22 35	1 24	19 35	2 41	20 16	1 33	12 29	1 59	24 15	0 32	8 59	1 54	33 45	14 46	2 5	2 28	14 43			n.a.
S 24	22 3	25 10	4 35	16 32	1 36	22 21	1 24	19 38	2 40	20 18	1 33	12 30	1 59	24 15	0 32	8 59	1 54	33 44	14 45	2 0	2 27	14 40			n.a.
S 25	21 53	20 34	3 54	16 5	1 51	22 6	1 25	19 41	2 39	20 21	1 33	12 31	1 59	24 15	0 32	8 59	1 54	33 44	14 45	1 57	2 26	14 37			n.a.
M26	21 43	14 42	2 56	15 40	2 6	21 50	1 25	19 44	2 39	20 23	1 33	12 32	1 59	24 15	0 32	9 0	1 54	33 43	14 45	1 54	2 25	14 33			n.a.
T 27	21 32	8 4	1 47	15 18	2 21	21 34	1 26	19 47	2 38	20 25	1 33	12 33	1 59	24 15	0 32	9 0	1 53	33 43	14 45	1 52	2 23	14 30			n.a.
W28	21 21	1 8	0 33	14 58	2 35	21 17	1 26	19 51	2 37	20 27	1 33	12 34	1 59	24 15	0 32	9 0	1 53	33 42	14 45	1 52	2 22	14 27			n.a.
T 29	21 9	5n42	0n42	14 42	2 49	20 59	1 26	19 54	2 37	20 29	1 33	12 34	2 0	24 16	0 32	9 0	1 53	33 42	14 45	1 52	2 21	14 24			n.a.
F 30	20 57	12 6	1 53	14 29	3 2	20 41	1 26	19 58	2 36	20 31	1 34	12 35	2 0	24 16	0 32	9 0	1 53	33 41	14 45	1 52	2 19	14 21			n.a.
S 31	20 s45	17n48	2n56	14 s19	3n14	20 s22	1 s26	20n 2	2n36	20n33	1n34	12 s36	2n 0	24n16	0n32	9n 0	1 s53	33 s41	14 s45	1n52	2n18	14n18			n.a.

Julian Day Number = 1209707.5, Delta T = 09h14m11s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'27, Lahiri = -23°17'26 Julian Calendar 1 Jan. 1401 BCE == Greg. Calendar 19 Dec. 1402 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

FEBRUARY 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 51 32	29♉51'50	23♉ 1	12°R 1	7♒44	18♉26	6°R 8	8♏15	5°R56	27♈30	4♒42	4°R34	5♈39	0♍31	n.a.	S 1
M 2	7 55 28	0♒51'31	5♊55	11♒38	8°59	18°42	6♌ 0	8°17	5♋53	27°31	4°44	4♈29	5°36	0°38	n.a.	M 2
T 3	7 59 25	1°51'11	18°37	11° 8	10°13	18°58	5°52	8°20	5°51	27°31	4°46	4°21	5°32	0°44	n.a.	T 3
W 4	8 3 22	2°50'48	1♋ 7	10°31	11°28	19°15	5°45	8°22	5°49	27°32	4°47	4°11	5°29	0°51	n.a.	W 4
T 5	8 7 18	3°50'22	13°28	9°48	12°42	19°33	5°37	8°25	5°47	27°32	4°49	4° 0	5°26	0°58	n.a.	T 5
F 6	8 11 15	4°49'55	25°39	9° 0	13°57	19°51	5°29	8°27	5°44	27°33	4°50	3°49	5°23	1° 5	n.a.	F 6
S 7	8 15 11	5°49'25	7♌42	8° 9	15°11	20° 9	5°21	8°29	5°42	27°33	4°52	3°38	5°20	1°11	n.a.	S 7
S 8	8 19 8	6°48'53	19°39	7°15	16°26	20°27	5°13	8°31	5°40	27°34	4°53	3°28	5°17	1°18	n.a.	S 8
M 9	8 23 4	7°48'19	1♍30	6°20	17°40	20°46	5° 6	8°33	5°38	27°34	4°55	3°21	5°13	1°25	n.a.	M 9
T 10	8 27 1	8°47'42	13°19	5°25	18°54	21° 6	4°58	8°35	5°36	27°35	4°57	3°17	5°10	1°31	n.a.	T 10
W11	8 30 57	9°47'04	25° 7	4°31	20° 9	21°25	4°50	8°37	5°34	27°36	4°58	3°14	5° 7	1°38	n.a.	W11
T 12	8 34 54	10°46'23	6♎58	3°39	21°23	21°45	4°42	8°39	5°32	27°37	5° 0	3°D14	5° 4	1°45	n.a.	T 12
F 13	8 38 51	11°45'41	18°57	2°50	22°37	22° 6	4°35	8°40	5°30	27°37	5° 1	3°15	5° 1	1°51	n.a.	F 13
S 14	8 42 47	12°44'56	1♏ 7	2° 5	23°52	22°26	4°27	8°42	5°28	27°38	5° 3	3°16	4°57	1°58	n.a.	S 14
S 15	8 46 44	13°44'10	13°36	1°25	25° 6	22°48	4°19	8°43	5°26	27°39	5° 4	3°R17	4°54	2° 5	n.a.	S 15
M16	8 50 40	14°43'22	26°26	0°49	26°20	23° 9	4°12	8°44	5°24	27°40	5° 6	3°16	4°51	2°11	n.a.	M16
T 17	8 54 37	15°42'32	9♐42	0°19	27°34	23°31	4° 4	8°46	5°22	27°41	5° 7	3°13	4°48	2°18	n.a.	T 17
W18	8 58 33	16°41'40	23°27	29♉54	28°49	23°53	3°57	8°47	5°21	27°42	5° 9	3° 9	4°45	2°25	n.a.	W18
T 19	9 2 30	17°40'46	7♉41	29°35	0♓ 3	24°15	3°49	8°48	5°19	27°43	5°10	3° 3	4°42	2°31	n.a.	T 19
F 20	9 6 26	18°39'51	22°22	29°21	1°17	24°38	3°42	8°49	5°17	27°44	5°12	2°56	4°38	2°38	n.a.	F 20
S 21	9 10 23	19°38'53	7♒22	29°14	2°31	25° 1	3°35	8°50	5°16	27°45	5°14	2°49	4°35	2°45	n.a.	S 21
S 22	9 14 20	20°37'53	22°34	29°D12	3°45	25°24	3°28	8°50	5°14	27°46	5°15	2°44	4°32	2°51	n.a.	S 22
M23	9 18 16	21°36'50	7♓47	29°15	4°59	25°47	3°20	8°51	5°12	27°47	5°17	2°40	4°29	2°58	n.a.	M23
T 24	9 22 13	22°35'46	22°51	29°24	6°13	26°11	3°13	8°51	5°11	27°48	5°18	2°38	4°26	3° 5	n.a.	T 24
W25	9 26 9	23°34'39	7♈38	29°38	7°27	26°35	3° 6	8°52	5° 9	27°49	5°20	2°D37	4°22	3°11	n.a.	W25
T 26	9 30 6	24°33'30	22° 3	29°57	8°41	26°59	3° 0	8°52	5° 8	27°51	5°21	2°38	4°19	3°18	n.a.	T 26
F 27	9 34 2	25°32'18	6♉ 2	0♒21	9°55	27°24	2°53	8°53	5° 6	27°52	5°23	2°40	4°16	3°25	n.a.	F 27
S 28	9 37 59	26°31'04	19°37	0°49	11° 9	27°49	2°46	8°53	5° 5	27°53	5°24	2°41	4°13	3°31	n.a.	S 28
S 29	9 41 55	27♒29'47	2♊48	1♒22	12♓23	28♉14	2♌40	8°R53	5♋ 4	27♈54	5♒26	2°R41	4♈10	3♍38	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s32	22n31	3n48	14s14	3n24	20s 3	1s26	20n 6	2n35	20n35	1n34	12s37	2n 0	24n16	0n32	9n 1	1s53	33s41	14s45	1n51	2n17	14n15		n.a.
M 2	20 19	26 3	4 27	14 11	3 33	19 43	1 26	20 10	2 34	20 37	1 34	12 37	2 0	24 16	0 32	9 1	1 53	33 40	14 45	1 49	2 16	14 12		n.a.
T 3	20 6	28 13	4 52	14 12	3 41	19 22	1 26	20 14	2 34	20 39	1 34	12 38	2 0	24 16	0 32	9 1	1 53	33 40	14 45	1 46	2 14	14 9		n.a.
W 4	19 52	28 54	5 3	14 17	3 46	19 1	1 26	20 18	2 33	20 41	1 34	12 39	2 0	24 16	0 32	9 1	1 53	33 39	14 45	1 42	2 13	14 6		n.a.
T 5	19 38	28 8	4 59	14 25	3 50	18 39	1 25	20 22	2 32	20 43	1 34	12 39	2 1	24 16	0 32	9 2	1 53	33 39	14 45	1 37	2 12	14 3		n.a.
F 6	19 24	26 0	4 42	14 35	3 52	18 17	1 25	20 26	2 32	20 45	1 34	12 40	2 1	24 16	0 32	9 2	1 53	33 38	14 45	1 32	2 10	13 59		n.a.
S 7	19 9	22 43	4 12	14 49	3 52	17 55	1 25	20 31	2 31	20 47	1 34	12 41	2 1	24 16	0 32	9 2	1 53	33 38	14 45	1 28	2 9	13 56		n.a.
S 8	18 54	18 31	3 31	15 4	3 50	17 32	1 24	20 35	2 30	20 49	1 35	12 41	2 1	24 16	0 32	9 2	1 53	33 38	14 45	1 24	2 8	13 53		n.a.
M 9	18 38	13 38	2 42	15 22	3 47	17 8	1 24	20 40	2 30	20 51	1 35	12 42	2 1	24 17	0 32	9 3	1 53	33 37	14 45	1 21	2 7	13 50		n.a.
T 10	18 23	8 17	1 45	15 41	3 41	16 44	1 23	20 44	2 29	20 53	1 35	12 42	2 1	24 17	0 32	9 3	1 52	33 37	14 45	1 20	2 5	13 47		n.a.
W11	18 7	2 38	0 44	16 1	3 33	16 20	1 23	20 49	2 28	20 55	1 35	12 43	2 1	24 17	0 32	9 3	1 52	33 37	14 45	1 19	2 4	13 44		n.a.
T 12	17 50	3s 7	0s20	16 22	3 24	15 55	1 22	20 54	2 28	20 57	1 35	12 43	2 2	24 17	0 32	9 4	1 52	33 36	14 45	1 18	2 3	13 41		n.a.
F 13	17 34	8 50	1 24	16 43	3 14	15 29	1 21	20 59	2 27	20 59	1 35	12 43	2 2	24 17	0 32	9 4	1 52	33 36	14 46	1 19	2 1	13 38		n.a.
S 14	17 17	14 19	2 25	17 5	3 3	15 4	1 20	21 3	2 26	21 1	1 35	12 44	2 2	24 17	0 32	9 4	1 52	33 35	14 46	1 19	2 0	13 34		n.a.
S 15	17 0	19 22	3 20	17 26	2 50	14 38	1 19	21 8	2 26	21 3	1 35	12 44	2 2	24 17	0 32	9 5	1 52	33 35	14 46	1 20	1 59	13 31		n.a.
M16	16 42	23 42	4 7	17 47	2 37	14 11	1 18	21 13	2 25	21 5	1 35	12 44	2 2	24 17	0 32	9 5	1 52	33 35	14 46	1 19	1 58	13 28		n.a.
T 17	16 25	26 58	4 43	18 7	2 23	13 44	1 17	21 18	2 24	21 7	1 35	12 45	2 2	24 17	0 32	9 6	1 52	33 34	14 46	1 18	1 56	13 25		n.a.
W18	16 7	28 46	5 4	18 26	2 9	13 17	1 16	21 23	2 24	21 9	1 35	12 45	2 2	24 17	0 32	9 6	1 52	33 34	14 46	1 16	1 55	13 22		n.a.
T 19	15 48	28 45	5 8	18 45	1 54	12 49	1 15	21 28	2 23	21 10	1 35	12 45	2 3	24 17	0 32	9 6	1 52	33 34	14 46	1 14	1 54	13 19		n.a.
F 20	15 30	26 45	4 51	19 2	1 39	12 21	1 14	21 33	2 22	21 12	1 35	12 45	2 3	24 17	0 32	9 7	1 52	33 33	14 46	1 11	1 53	13 16		n.a.
S 21	15 11	22 51	4 15	19 18	1 24	11 53	1 13	21 39	2 22	21 14	1 35	12 45	2 3	24 17	0 32	9 7	1 52	33 33	14 46	1 8	1 51	13 12		n.a.
S 22	14 52	17 22	3 20	19 33	1 10	11 25	1 11	21 44	2 21	21 16	1 35	12 45	2 3	24 17	0 32	9 8	1 52	33 33	14 46	1 6	1 50	13 9		n.a.
M23	14 33	10 49	2 11	19 46	0 55	10 56	1 10	21 49	2 20	21 17	1 35	12 45	2 3	24 18	0 32	9 8	1 52	33 33	14 46	1 5	1 49	13 6		n.a.
T 24	14 13	3 41	0 53	19 58	0 41	10 27	1 9	21 54	2 20	21 19	1 35	12 45	2 3	24 18	0 32	9 9	1 52	33 32	14 47	1 4	1 47	13 3		n.a.
W25	13 54	3n30	0n27	20 9	0 27	9 57	1 7	21 59	2 19	21 21	1 35	12 45	2 4	24 18	0 32	9 9	1 51	33 32	14 47	1 4	1 46	13 0		n.a.
T 26	13 34	10 20	1 44	20 18	0 14	9 28	1 6	22 4	2 18	21 22	1 35	12 45	2 4	24 18	0 32	9 10	1 51	33 32	14 47	1 4	1 45	12 57		n.a.
F 27	13 14	16 28	2 52	20 25	0 1	8 58	1 4	22 9	2 18	21 24	1 35	12 45	2 4	24 18	0 32	9 10	1 51	33 31	14 47	1 5	1 44	12 53		n.a.
S 28	12 54	21 36	3 48	20 31	0s12	8 28	1 2	22 15	2 17	21 25	1 35	12 45	2 4	24 18	0 32	9 11	1 51	33 31	14 47	1 5	1 42	12 50		n.a.
S 29	12s33	25n30	4n31	20s36	0s24	7s58	1s 1	22n20	2n16	21n27	1n35	12s45	2n 4	24n18	0n32	9n11	1s51	33s31	14s47	1n 5	1n41	12n47		n.a.

Julian Day Number = 1209738.5, Delta T = 09h14m10s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'22, Lahiri = -23°17'22 Julian Calendar 1 Feb. 1401 BCE == Greg. Calendar 19 Jan. 1401 BCE

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

MARCH 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 45 52	28♒28'29	15♊39	1♒59	13♓37	28♉39	2°R33	8°R53	5°R 3	27♈56	5♒27	2°R39	4♈ 7	3♍45	n.a.	M 1
T 2	9 49 48	29°27'07	28°13	2°39	14°51	29° 5	2♌27	8♏53	5♋ 1	27°57	5°28	2♈37	4° 3	3°51	n.a.	T 2
W 3	9 53 45	0♓25'44	10♋32	3°23	16° 5	29°31	2°21	8°52	5° 0	27°58	5°30	2°32	4° 0	3°58	n.a.	W 3
T 4	9 57 42	1°24'18	22°41	4°11	17°19	29°57	2°15	8°52	4°59	28° 0	5°31	2°27	3°57	4° 5	n.a.	T 4
F 5	10 1 38	2°22'50	4♌42	5° 2	18°32	0♊23	2° 9	8°52	4°58	28° 1	5°33	2°22	3°54	4°11	n.a.	F 5
S 6	10 5 35	3°21'20	16°37	5°56	19°46	0°49	2° 3	8°51	4°57	28° 2	5°34	2°17	3°51	4°18	n.a.	S 6
S 7	10 9 31	4°19'47	28°27	6°53	21° 0	1°16	1°57	8°50	4°56	28° 4	5°36	2°12	3°48	4°25	n.a.	S 7
M 8	10 13 28	5°18'13	10♍16	7°53	22°14	1°43	1°52	8°50	4°55	28° 5	5°37	2° 9	3°44	4°31	n.a.	M 8
T 9	10 17 24	6°16'36	22° 5	8°56	23°27	2°10	1°46	8°49	4°54	28° 7	5°38	2° 8	3°41	4°38	n.a.	T 9
W10	10 21 21	7°14'57	3♎57	10° 2	24°41	2°37	1°41	8°48	4°53	28° 8	5°40	2°D 7	3°38	4°45	n.a.	W10
T 11	10 25 17	8°13'17	15°53	11°10	25°54	3° 4	1°36	8°47	4°53	28°10	5°41	2° 8	3°35	4°51	n.a.	T 11
F 12	10 29 14	9°11'35	27°57	12°20	27° 8	3°32	1°31	8°46	4°52	28°12	5°42	2° 9	3°32	4°58	n.a.	F 12
S 13	10 33 10	10° 9'51	10♏13	13°33	28°22	4° 0	1°26	8°45	4°51	28°13	5°44	2°11	3°28	5° 5	n.a.	S 13
S 14	10 37 7	11° 8'05	22°43	14°48	29°35	4°28	1°22	8°43	4°51	28°15	5°45	2°12	3°25	5°11	n.a.	S 14
M15	10 41 4	12° 6'18	5♐33	16° 6	0♈49	4°56	1°17	8°42	4°50	28°16	5°46	2°13	3°22	5°18	n.a.	M15
T 16	10 45 0	13° 4'29	18°45	17°26	2° 2	5°24	1°13	8°41	4°50	28°18	5°48	2°R13	3°19	5°25	n.a.	T 16
W17	10 48 57	14° 2'39	2♑23	18°47	3°16	5°53	1° 9	8°39	4°49	28°20	5°49	2°12	3°16	5°31	n.a.	W17
T 18	10 52 53	15° 0'47	16°26	20°11	4°29	6°21	1° 5	8°37	4°49	28°22	5°50	2°11	3°13	5°38	n.a.	T 18
F 19	10 56 50	15°58'53	0♒55	21°37	5°42	6°50	1° 1	8°36	4°48	28°23	5°52	2° 9	3° 9	5°45	n.a.	F 19
S 20	11 0 46	16°56'58	15°45	23° 5	6°56	7°19	0°57	8°34	4°48	28°25	5°53	2° 7	3° 6	5°51	n.a.	S 20
S 21	11 4 43	17°55'01	0♓49	24°34	8° 9	7°48	0°54	8°32	4°48	28°27	5°54	2° 5	3° 3	5°58	n.a.	S 21
M22	11 8 39	18°53'03	16° 0	26° 6	9°22	8°18	0°51	8°30	4°48	28°29	5°55	2° 4	3° 0	6° 4	n.a.	M22
T 23	11 12 36	19°51'02	1♈ 8	27°40	10°36	8°47	0°47	8°28	4°48	28°30	5°56	2°D 4	2°57	6°11	n.a.	T 23
W24	11 16 32	20°49'00	16° 3	29°15	11°49	9°17	0°44	8°26	4°48	28°32	5°58	2° 4	2°54	6°18	n.a.	W24
T 25	11 20 29	21°46'56	0♉39	0♓53	13° 2	9°47	0°42	8°23	4°D48	28°34	5°59	2° 5	2°50	6°24	n.a.	T 25
F 26	11 24 26	22°44'50	14°50	2°32	14°15	10°17	0°39	8°21	4°48	28°36	6° 0	2° 6	2°47	6°31	n.a.	F 26
S 27	11 28 22	23°42'42	28°34	4°14	15°28	10°47	0°37	8°19	4°48	28°38	6° 1	2° 6	2°44	6°38	n.a.	S 27
S 28	11 32 19	24°40'33	11♊52	5°57	16°41	11°17	0°34	8°16	4°48	28°40	6° 2	2° 7	2°41	6°44	n.a.	S 28
M29	11 36 15	25°38'21	24°47	7°42	17°55	11°47	0°32	8°14	4°48	28°42	6° 3	2°R 7	2°38	6°51	n.a.	M29
T 30	11 40 12	26°36'08	7♋20	9°29	19° 8	12°18	0°30	8°11	4°48	28°44	6° 4	2° 7	2°34	6°58	n.a.	T 30
W31	11 44 8	27♓33'52	19♋37	11♓18	20♈21	12♊48	0♌29	8♏ 8	4♋48	28♈46	6♒ 5	2♈ 7	2♈31	7♍ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12s13	28n 1	4n58	20s39	0s36	7s27	0s59	22n25	2n16	21n28	1n35	12s45	2n 4	24n18	0n32	9n12	1s51	33s31	14s47	1n 4	1n40	12n44		n.a.
T 2	11 52	29 2	5 11	20 40	0 47	6 57	0 57	22 30	2 15	21 30	1 34	12 45	2 4	24 18	0 32	9 12	1 51	33 30	14 48	1 3	1 38	12 41		n.a.
W 3	11 31	28 34	5 9	20 40	0 57	6 26	0 55	22 35	2 14	21 31	1 34	12 45	2 5	24 18	0 32	9 13	1 51	33 30	14 48	1 2	1 37	12 37		n.a.
T 4	11 10	26 43	4 53	20 38	1 7	5 55	0 53	22 40	2 14	21 32	1 34	12 44	2 5	24 18	0 32	9 13	1 51	33 30	14 48	1 0	1 36	12 34		n.a.
F 5	10 49	23 41	4 24	20 35	1 17	5 24	0 51	22 45	2 13	21 33	1 34	12 44	2 5	24 18	0 32	9 14	1 51	33 30	14 48	0 57	1 35	12 31		n.a.
S 6	10 27	19 41	3 44	20 30	1 26	4 52	0 49	22 51	2 13	21 35	1 34	12 44	2 5	24 18	0 32	9 14	1 51	33 29	14 48	0 55	1 33	12 28		n.a.
S 7	10 6	14 56	2 54	20 24	1 34	4 21	0 47	22 56	2 12	21 36	1 34	12 43	2 5	24 18	0 32	9 15	1 51	33 29	14 48	0 54	1 32	12 25		n.a.
M 8	9 44	9 39	1 57	20 15	1 42	3 50	0 45	23 1	2 11	21 37	1 34	12 43	2 5	24 18	0 32	9 16	1 51	33 29	14 49	0 52	1 31	12 21		n.a.
T 9	9 22	4 2	0 55	20 5	1 49	3 18	0 43	23 6	2 11	21 38	1 34	12 43	2 5	24 18	0 32	9 16	1 51	33 29	14 49	0 52	1 29	12 18		n.a.
W10	9 0	1s45	0s10	19 54	1 56	2 46	0 41	23 10	2 10	21 39	1 34	12 42	2 6	24 18	0 32	9 17	1 51	33 29	14 49	0 51	1 28	12 15		n.a.
T 11	8 38	7 30	1 15	19 41	2 2	2 15	0 39	23 15	2 9	21 40	1 34	12 42	2 6	24 18	0 32	9 17	1 51	33 28	14 49	0 52	1 27	12 12		n.a.
F 12	8 16	13 4	2 18	19 26	2 7	1 43	0 37	23 20	2 9	21 41	1 33	12 41	2 6	24 18	0 32	9 18	1 51	33 28	14 49	0 52	1 26	12 9		n.a.
S 13	7 53	18 13	3 15	19 9	2 12	1 11	0 34	23 25	2 8	21 42	1 33	12 41	2 6	24 18	0 32	9 19	1 51	33 28	14 50	0 53	1 24	12 5		n.a.
S 14	7 31	22 42	4 4	18 51	2 17	0 39	0 32	23 30	2 8	21 43	1 33	12 40	2 6	24 18	0 32	9 19	1 50	33 28	14 50	0 53	1 23	12 2		n.a.
M15	7 8	26 14	4 42	18 31	2 20	0 7	0 30	23 34	2 7	21 44	1 33	12 40	2 6	24 18	0 32	9 20	1 50	33 28	14 50	0 54	1 22	11 59		n.a.
T 16	6 46	28 29	5 7	18 10	2 24	0n24	0 27	23 39	2 6	21 45	1 33	12 39	2 6	24 18	0 32	9 21	1 50	33 28	14 50	0 54	1 20	11 56		n.a.
W17	6 23	29 6	5 16	17 46	2 26	0 56	0 25	23 44	2 6	21 46	1 33	12 39	2 6	24 18	0 32	9 21	1 50	33 28	14 50	0 53	1 19	11 53		n.a.
T 18	6 0	27 54	5 6	17 21	2 28	1 28	0 22	23 48	2 5	21 47	1 33	12 38	2 7	24 18	0 32	9 22	1 50	33 27	14 51	0 53	1 18	11 49		n.a.
F 19	5 37	24 49	4 37	16 55	2 30	2 0	0 20	23 53	2 4	21 47	1 32	12 37	2 7	24 18	0 32	9 23	1 50	33 27	14 51	0 52	1 17	11 46		n.a.
S 20	5 14	20 2	3 49	16 26	2 31	2 32	0 17	23 57	2 4	21 48	1 32	12 37	2 7	24 18	0 32	9 23	1 50	33 27	14 51	0 51	1 15	11 43		n.a.
S 21	4 51	13 56	2 44	15 56	2 31	3 4	0 15	24 1	2 3	21 49	1 32	12 36	2 7	24 18	0 32	9 24	1 50	33 27	14 51	0 51	1 14	11 40		n.a.
M22	4 28	6 58	1 28	15 24	2 31	3 35	0 12	24 6	2 3	21 49	1 32	12 35	2 7	24 18	0 32	9 25	1 50	33 27	14 52	0 50	1 13	11 36		n.a.
T 23	4 5	0n23	0 5	14 51	2 30	4 7	0 10	24 10	2 2	21 50	1 32	12 34	2 7	24 18	0 32	9 25	1 50	33 27	14 52	0 50	1 11	11 33		n.a.
W24	3 42	7 36	1n17	14 15	2 29	4 38	0 7	24 14	2 1	21 50	1 32	12 33	2 7	24 18	0 32	9 26	1 50	33 27	14 52	0 50	1 10	11 30		n.a.
T 25	3 19	14 16	2 32	13 39	2 27	5 10	0 5	24 18	2 1	21 51	1 31	12 33	2 7	24 18	0 32	9 27	1 50	33 27	14 52	0 50	1 9	11 27		n.a.
F 26	2 56	20 0	3 36	13 0	2 25	5 41	0 2	24 22	2 0	21 51	1 31	12 32	2 7	24 18	0 31	9 27	1 50	33 27	14 53	0 51	1 8	11 23		n.a.
S 27	2 32	24 29	4 25	12 20	2 22	6 12	0n 1	24 26	2 0	21 51	1 31	12 31	2 8	24 18	0 31	9 28	1 50	33 27	14 53	0 51	1 6	11 20		n.a.
S 28	2 9	27 32	4 58	11 38	2 18	6 43	0 3	24 30	1 59	21 52	1 31	12 30	2 8	24 18	0 31	9 29	1 50	33 27	14 53	0 51	1 5	11 17		n.a.
M29	1 46	29 0	5 15	10 54	2 14	7 14	0 6	24 33	1 58	21 52	1 31	12 29	2 8	24 18	0 31	9 30	1 50	33 27	14 54	0 51	1 4	11 14		n.a.
T 30	1 22	28 55	5 16	10 9	2 10	7 45	0 9	24 37	1 58	21 52	1 31	12 28	2 8	24 18	0 31	9 30	1 50	33 27	14 54	0 51	1 2	11 10		n.a.
W31	0s59	27n23	5n 3	9s22	2s 4	8n16	0n11	24n40	1n57	21n52	1n30	12s27	2n 8	24n18	0n31	9n31	1s50	33s26	14s54	0n51	1n 1	11n 7		n.a.

Julian Day Number = 1209767.5, Delta T = 09h14m08s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'18, Lahiri = -23°17'18 Julian Calendar 1 March 1401 BCE == Greg. Calendar 17 Feb. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

APRIL 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 48 5	28♓31'35	1♌41	13♓ 9	21♈34	13♊19	0°R27	8°R 5	4♋49	28♈48	6♒ 6	2°R 6	2♈28	7♍11	n.a.	T 1
F 2	11 52 1	29°29'16	13°36	15° 2	22°46	13°50	0♌26	8♏ 3	4°49	28°50	6° 7	2♈ 6	2°25	7°18	n.a.	F 2
S 3	11 55 58	0♈26'55	25°26	16°56	23°59	14°21	0°25	8° 0	4°50	28°52	6° 9	2° 5	2°22	7°24	n.a.	S 3
S 4	11 59 55	1°24'33	7♍14	18°53	25°12	14°52	0°24	7°57	4°50	28°54	6° 9	2° 5	2°19	7°31	n.a.	S 4
M 5	12 3 51	2°22'09	19° 4	20°51	26°25	15°24	0°23	7°54	4°51	28°56	6°10	2°D 5	2°15	7°38	n.a.	M 5
T 6	12 7 48	3°19'44	0♎56	22°51	27°38	15°55	0°22	7°50	4°51	28°58	6°11	2°R 5	2°12	7°44	n.a.	T 6
W 7	12 11 44	4°17'17	12°55	24°53	28°50	16°26	0°22	7°47	4°52	29° 0	6°12	2° 5	2° 9	7°51	n.a.	W 7
T 8	12 15 41	5°14'49	25° 1	26°57	0♉ 3	16°58	0°21	7°44	4°53	29° 2	6°13	2° 5	2° 6	7°58	n.a.	T 8
F 9	12 19 37	6°12'19	7♏17	29° 2	1°16	17°30	0°D21	7°41	4°54	29° 4	6°14	2° 5	2° 3	8° 4	n.a.	F 9
S 10	12 23 34	7° 9'49	19°45	1♈ 8	2°28	18° 2	0°21	7°37	4°54	29° 6	6°15	2° 4	1°59	8°11	n.a.	S 10
S 11	12 27 30	8° 7'17	2♐26	3°16	3°41	18°33	0°22	7°34	4°55	29° 8	6°16	2° 3	1°56	8°18	n.a.	S 11
M12	12 31 27	9° 4'45	15°23	5°25	4°54	19° 6	0°22	7°30	4°56	29°10	6°17	2° 3	1°53	8°24	n.a.	M12
T 13	12 35 24	10° 2'11	28°38	7°35	6° 6	19°38	0°23	7°27	4°57	29°12	6°18	2° 2	1°50	8°31	n.a.	T 13
W14	12 39 20	10°59'37	12♑12	9°46	7°19	20°10	0°24	7°23	4°58	29°15	6°18	2°D 2	1°47	8°38	n.a.	W14
T 15	12 43 17	11°57'01	26° 6	11°57	8°31	20°42	0°25	7°19	4°59	29°17	6°19	2° 2	1°44	8°44	n.a.	T 15
F 16	12 47 13	12°54'25	10♒20	14° 9	9°44	21°15	0°26	7°15	5° 0	29°19	6°20	2° 3	1°40	8°51	n.a.	F 16
S 17	12 51 10	13°51'48	24°52	16°20	10°56	21°47	0°27	7°12	5° 2	29°21	6°21	2° 4	1°37	8°58	n.a.	S 17
S 18	12 55 6	14°49'10	9♓38	18°31	12° 8	22°20	0°29	7° 8	5° 3	29°23	6°21	2° 5	1°34	9° 4	n.a.	S 18
M19	12 59 3	15°46'31	24°32	20°42	13°21	22°53	0°30	7° 4	5° 4	29°25	6°22	2°R 5	1°31	9°11	n.a.	M19
T 20	13 2 59	16°43'52	9♈28	22°51	14°33	23°26	0°32	7° 0	5° 6	29°28	6°23	2° 5	1°28	9°18	n.a.	T 20
W21	13 6 56	17°41'11	24°16	25° 0	15°45	23°59	0°34	6°56	5° 7	29°30	6°23	2° 5	1°25	9°24	n.a.	W21
T 22	13 10 53	18°38'29	8♉50	27° 7	16°57	24°32	0°37	6°52	5° 8	29°32	6°24	2° 3	1°21	9°31	n.a.	T 22
F 23	13 14 49	19°35'47	23° 4	29°13	18° 9	25° 5	0°39	6°48	5°10	29°34	6°25	2° 1	1°18	9°38	n.a.	F 23
S 24	13 18 46	20°33'03	6♊54	1♉17	19°22	25°39	0°42	6°44	5°11	29°36	6°25	1°59	1°15	9°44	n.a.	S 24
S 25	13 22 42	21°30'18	20°18	3°19	20°34	26°12	0°44	6°40	5°13	29°39	6°26	1°56	1°12	9°51	n.a.	S 25
M26	13 26 39	22°27'33	3♋16	5°19	21°46	26°45	0°47	6°36	5°15	29°41	6°26	1°54	1° 9	9°58	n.a.	M26
T 27	13 30 35	23°24'46	15°53	7°16	22°58	27°19	0°50	6°31	5°16	29°43	6°27	1°53	1° 5	10° 4	n.a.	T 27
W28	13 34 32	24°21'58	28°11	9°12	24°10	27°53	0°54	6°27	5°18	29°45	6°27	1°D53	1° 2	10°11	n.a.	W28
T 29	13 38 28	25°19'09	10♌14	11° 5	25°22	28°26	0°57	6°23	5°20	29°48	6°28	1°54	0°59	10°17	n.a.	T 29
F 30	13 42 25	26♈16'19	22♌ 8	12♉56	26♉33	29♊ 0	1♌ 1	6♏19	5♋22	29♈50	6♒28	1♈55	0♈56	10♍24	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0s36	24n37	4n36	8s33	1s59	8n46	0n14	24n44	1n57	21n53	1n30	12s26	2n 8	24n18	0n31	9n32	1s50	33s26	14s54	0n51	1n 0	11n 4		n.a.
F 2	0 12	20 49	3 58	7 43	1 52	9 16	0 17	24 47	1 56	21 53	1 30	12 25	2 8	24 18	0 31	9 33	1 50	33 26	14 55	0 51	0 59	11 1		n.a.
S 3	0n11	16 14	3 10	6 52	1 46	9 46	0 19	24 50	1 55	21 53	1 30	12 24	2 8	24 18	0 31	9 33	1 50	33 26	14 55	0 51	0 57	10 57		n.a.
S 4	0 34	11 4	2 14	5 59	1 38	10 16	0 22	24 53	1 55	21 53	1 30	12 23	2 8	24 18	0 31	9 34	1 50	33 27	14 55	0 51	0 56	10 54		n.a.
M 5	0 57	5 30	1 12	5 4	1 31	10 45	0 25	24 56	1 54	21 53	1 29	12 22	2 8	24 18	0 31	9 35	1 50	33 27	14 56	0 51	0 55	10 51		n.a.
T 6	1 21	0s17	0 6	4 9	1 22	11 14	0 28	24 59	1 54	21 53	1 29	12 21	2 8	24 18	0 31	9 36	1 49	33 27	14 56	0 51	0 53	10 47		n.a.
W 7	1 44	6 6	1s 0	3 11	1 14	11 43	0 30	25 2	1 53	21 53	1 29	12 20	2 9	24 17	0 31	9 36	1 49	33 27	14 56	0 51	0 52	10 44		n.a.
T 8	2 7	11 46	2 4	2 13	1 5	12 12	0 33	25 5	1 52	21 53	1 29	12 19	2 9	24 17	0 31	9 37	1 49	33 27	14 56	0 51	0 51	10 41		n.a.
F 9	2 30	17 4	3 3	1 14	0 55	12 40	0 36	25 7	1 52	21 52	1 29	12 17	2 9	24 17	0 31	9 38	1 49	33 27	14 57	0 50	0 50	10 38		n.a.
S 10	2 53	21 44	3 55	0 14	0 45	13 9	0 38	25 10	1 51	21 52	1 29	12 16	2 9	24 17	0 31	9 39	1 49	33 27	14 57	0 50	0 48	10 34		n.a.
S 11	3 17	25 31	4 36	0n47	0 35	13 36	0 41	25 12	1 51	21 52	1 28	12 15	2 9	24 17	0 31	9 40	1 49	33 27	14 57	0 50	0 47	10 31		n.a.
M12	3 40	28 5	5 4	1 48	0 25	14 4	0 44	25 14	1 50	21 52	1 28	12 14	2 9	24 17	0 31	9 40	1 49	33 27	14 58	0 50	0 46	10 28		n.a.
T 13	4 3	29 8	5 17	2 50	0 15	14 31	0 46	25 16	1 50	21 51	1 28	12 13	2 9	24 17	0 31	9 41	1 49	33 27	14 58	0 49	0 44	10 24		n.a.
W14	4 25	28 28	5 12	3 52	0 4	14 58	0 49	25 18	1 49	21 51	1 28	12 11	2 9	24 17	0 31	9 42	1 49	33 27	14 58	0 49	0 43	10 21		n.a.
T 15	4 48	26 2	4 50	4 54	0n 6	15 24	0 51	25 20	1 48	21 51	1 28	12 10	2 9	24 17	0 31	9 43	1 49	33 27	14 59	0 50	0 42	10 18		n.a.
F 16	5 11	21 57	4 9	5 56	0 17	15 50	0 54	25 22	1 48	21 50	1 27	12 9	2 9	24 17	0 31	9 44	1 49	33 27	14 59	0 50	0 41	10 15		n.a.
S 17	5 34	16 28	3 12	6 57	0 27	16 16	0 56	25 23	1 47	21 50	1 27	12 8	2 9	24 17	0 31	9 44	1 49	33 27	14 59	0 50	0 39	10 11		n.a.
S 18	5 56	9 57	2 1	7 58	0 38	16 41	0 59	25 25	1 47	21 49	1 27	12 6	2 9	24 17	0 31	9 45	1 49	33 28	15 0	0 50	0 38	10 8		n.a.
M19	6 19	2 50	0 42	8 57	0 48	17 6	1 2	25 26	1 46	21 48	1 27	12 5	2 9	24 17	0 31	9 46	1 49	33 28	15 0	0 51	0 37	10 5		n.a.
T 20	6 41	4n26	0n41	9 55	0 57	17 30	1 4	25 27	1 45	21 48	1 26	12 4	2 9	24 17	0 31	9 47	1 49	33 28	15 0	0 51	0 35	10 1		n.a.
W21	7 4	11 25	2 0	10 52	1 6	17 54	1 6	25 28	1 45	21 47	1 26	12 2	2 9	24 17	0 31	9 48	1 49	33 28	15 1	0 50	0 34	9 58		n.a.
T 22	7 26	17 41	3 9	11 48	1 15	18 18	1 9	25 29	1 44	21 46	1 26	12 1	2 9	24 17	0 31	9 48	1 49	33 28	15 1	0 50	0 33	9 55		n.a.
F 23	7 48	22 49	4 6	12 41	1 24	18 41	1 11	25 30	1 44	21 46	1 26	12 0	2 9	24 16	0 31	9 49	1 49	33 28	15 2	0 49	0 32	9 51		n.a.
S 24	8 10	26 32	4 46	13 33	1 31	19 3	1 14	25 30	1 43	21 45	1 26	11 58	2 9	24 16	0 31	9 50	1 49	33 28	15 2	0 48	0 30	9 48		n.a.
S 25	8 32	28 38	5 9	14 23	1 39	19 25	1 16	25 31	1 43	21 44	1 25	11 57	2 9	24 16	0 31	9 51	1 49	33 29	15 2	0 47	0 29	9 45		n.a.
M26	8 53	29 4	5 15	15 10	1 45	19 47	1 18	25 31	1 42	21 43	1 25	11 55	2 9	24 16	0 31	9 52	1 49	33 29	15 3	0 46	0 28	9 41		n.a.
T 27	9 15	27 58	5 6	15 56	1 51	20 8	1 20	25 32	1 41	21 42	1 25	11 54	2 9	24 16	0 31	9 52	1 49	33 29	15 3	0 46	0 26	9 38		n.a.
W28	9 36	25 30	4 43	16 39	1 56	20 28	1 22	25 32	1 41	21 41	1 25	11 53	2 9	24 16	0 31	9 53	1 49	33 29	15 3	0 46	0 25	9 35		n.a.
T 29	9 58	21 57	4 8	17 20	2 1	20 48	1 25	25 32	1 40	21 41	1 25	11 51	2 9	24 16	0 31	9 54	1 49	33 29	15 4	0 46	0 24	9 31		n.a.
F 30	10n19	17n33	3n22	17n58	2n 5	21n 8	1n27	25n31	1n40	21n40	1n24	11s50	2n 9	24n16	0n31	9n55	1s49	33s30	15s 4	0n47	0n23	9n28		n.a.

Julian Day Number = 1209798.5, Delta T = 09h14m06s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'14, Lahiri = -23°17'14 Julian Calendar 1 Apr. 1401 BCE == Greg. Calendar 20 March 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

MAY 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 46 22	27♈13'28	3♍57	14♉44	27♉45	29♊34	1♌ 5	6°R14	5♋24	29♈52	6♒29	1♈57	0♈53	10♍31	n.a.	S 1
S 2	13 50 18	28°10'36	15°45	16°30	28°57	0♋ 8	1° 9	6♏10	5°25	29°54	6°29	1°58	0°50	10°37	n.a.	S 2
M 3	13 54 15	29° 7'44	27°37	18°14	0♊ 9	0°42	1°13	6° 6	5°27	29°57	6°30	1°R59	0°46	10°44	n.a.	M 3
T 4	13 58 11	0♉ 4'50	9♎36	19°55	1°20	1°16	1°17	6° 1	5°29	29°59	6°30	1°59	0°43	10°51	n.a.	T 4
W 5	14 2 8	1° 1'57	21°44	21°33	2°32	1°51	1°21	5°57	5°31	0♉ 1	6°30	1°58	0°40	10°57	n.a.	W 5
T 6	14 6 4	1°59'02	4♏ 4	23° 9	3°43	2°25	1°26	5°53	5°34	0° 3	6°31	1°55	0°37	11° 4	n.a.	T 6
F 7	14 10 1	2°56'07	16°37	24°42	4°55	2°59	1°31	5°48	5°36	0° 5	6°31	1°51	0°34	11°11	n.a.	F 7
S 8	14 13 57	3°53'12	29°23	26°13	6° 6	3°34	1°35	5°44	5°38	0° 8	6°31	1°46	0°31	11°17	n.a.	S 8
S 9	14 17 54	4°50'17	12♐22	27°41	7°18	4° 9	1°40	5°40	5°40	0°10	6°32	1°41	0°27	11°24	n.a.	S 9
M10	14 21 51	5°47'22	25°35	29° 7	8°29	4°43	1°46	5°35	5°42	0°12	6°32	1°36	0°24	11°31	n.a.	M10
T 11	14 25 47	6°44'26	9♑ 2	0♊29	9°41	5°18	1°51	5°31	5°45	0°14	6°32	1°32	0°21	11°37	n.a.	T 11
W12	14 29 44	7°41'30	22°42	1°49	10°52	5°53	1°56	5°26	5°47	0°17	6°32	1°29	0°18	11°44	n.a.	W12
T 13	14 33 40	8°38'35	6♒35	3° 7	12° 3	6°28	2° 2	5°22	5°49	0°19	6°32	1°D28	0°15	11°51	n.a.	T 13
F 14	14 37 37	9°35'39	20°40	4°21	13°14	7° 3	2° 8	5°18	5°52	0°21	6°32	1°29	0°11	11°57	n.a.	F 14
S 15	14 41 33	10°32'44	4♓55	5°33	14°25	7°38	2°14	5°13	5°54	0°23	6°33	1°30	0° 8	12° 4	n.a.	S 15
S 16	14 45 30	11°29'48	19°21	6°42	15°36	8°13	2°20	5° 9	5°57	0°25	6°33	1°31	0° 5	12°11	n.a.	S 16
M17	14 49 27	12°26'53	3♈52	7°48	16°47	8°48	2°26	5° 5	5°59	0°28	6°33	1°R31	0° 2	12°17	n.a.	M17
T 18	14 53 23	13°23'58	18°24	8°51	17°58	9°23	2°32	5° 0	6° 2	0°30	6°33	1°30	29♓59	12°24	n.a.	T 18
W19	14 57 20	14°21'02	2♉53	9°50	19° 9	9°59	2°39	4°56	6° 5	0°32	6°33	1°27	29°56	12°31	n.a.	W19
T 20	15 1 16	15°18'07	17°13	10°47	20°20	10°34	2°45	4°52	6° 7	0°34	6°R33	1°22	29°52	12°37	n.a.	T 20
F 21	15 5 13	16°15'13	1♊17	11°40	21°31	11°10	2°52	4°47	6°10	0°36	6°33	1°16	29°49	12°44	n.a.	F 21
S 22	15 9 9	17°12'18	15° 1	12°30	22°42	11°45	2°59	4°43	6°13	0°39	6°33	1° 9	29°46	12°51	n.a.	S 22
S 23	15 13 6	18° 9'23	28°23	13°16	23°52	12°21	3° 6	4°39	6°15	0°41	6°33	1° 1	29°43	12°57	n.a.	S 23
M24	15 17 3	19° 6'28	11♋23	13°58	25° 3	12°57	3°13	4°35	6°18	0°43	6°33	0°55	29°40	13° 4	n.a.	M24
T 25	15 20 59	20° 3'33	24° 0	14°37	26°13	13°32	3°20	4°31	6°21	0°45	6°32	0°50	29°37	13°10	n.a.	T 25
W26	15 24 56	21° 0'37	6♌18	15°12	27°24	14° 8	3°28	4°27	6°24	0°47	6°32	0°47	29°33	13°17	n.a.	W26
T 27	15 28 52	21°57'42	18°22	15°42	28°34	14°44	3°35	4°22	6°27	0°49	6°32	0°D45	29°30	13°24	n.a.	T 27
F 28	15 32 49	22°54'47	0♍16	16° 9	29°45	15°20	3°43	4°18	6°30	0°51	6°32	0°46	29°27	13°30	n.a.	F 28
S 29	15 36 45	23°51'51	12° 5	16°31	0♋55	15°56	3°51	4°14	6°33	0°54	6°32	0°47	29°24	13°37	n.a.	S 29
S 30	15 40 42	24°48'56	23°55	16°48	2° 5	16°33	3°59	4°10	6°36	0°56	6°32	0°47	29°21	13°44	n.a.	S 30
M31	15 44 38	25♉46'01	5♎50	17♊ 1	3♋15	17♋ 9	4♌ 7	4♏ 7	6♋39	0♉58	6♒31	0°R48	29♓17	13♍50	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	10n40	12n32	2n28	18n35	2n 8	21n27	1n29	25n31	1n39	21n38	1n24	11s48	2n 9	24n16	0n31	9n56	1s49	33s30	15s 4	0n47	0n21	9n25		n.a.
S 2	11 1	7 4	1 28	19 9	2 10	21 45	1 31	25 30	1 39	21 37	1 24	11 47	2 9	24 16	0 31	9 56	1 49	33 30	15 5	0 48	0 20	9 21		n.a.
M 3	11 21	1 20	0 24	19 40	2 12	22 3	1 33	25 30	1 38	21 36	1 24	11 46	2 9	24 16	0 31	9 57	1 49	33 30	15 5	0 48	0 19	9 18		n.a.
T 4	11 42	4s30	0s42	20 10	2 13	22 20	1 34	25 29	1 37	21 35	1 24	11 44	2 9	24 15	0 31	9 58	1 49	33 31	15 6	0 48	0 17	9 15		n.a.
W 5	12 2	10 15	1 46	20 37	2 14	22 36	1 36	25 28	1 37	21 34	1 24	11 43	2 9	24 15	0 31	9 59	1 49	33 31	15 6	0 48	0 16	9 11		n.a.
T 6	12 22	15 42	2 47	21 2	2 13	22 52	1 38	25 27	1 36	21 33	1 23	11 41	2 9	24 15	0 31	10 0	1 49	33 31	15 6	0 46	0 15	9 8		n.a.
F 7	12 42	20 36	3 40	21 25	2 12	23 8	1 40	25 25	1 36	21 31	1 23	11 40	2 9	24 15	0 31	10 0	1 49	33 31	15 7	0 45	0 14	9 5		n.a.
S 8	13 2	24 39	4 24	21 45	2 10	23 22	1 41	25 24	1 35	21 30	1 23	11 39	2 9	24 15	0 31	10 1	1 49	33 32	15 7	0 43	0 12	9 1		n.a.
S 9	13 22	27 32	4 54	22 4	2 8	23 36	1 43	25 22	1 35	21 29	1 23	11 37	2 9	24 15	0 31	10 2	1 49	33 32	15 7	0 41	0 11	8 58		n.a.
M10	13 41	28 57	5 10	22 20	2 5	23 50	1 44	25 21	1 34	21 27	1 23	11 36	2 9	24 15	0 31	10 3	1 49	33 32	15 8	0 39	0 10	8 55		n.a.
T 11	14 0	28 41	5 9	22 35	2 1	24 2	1 46	25 19	1 34	21 26	1 22	11 34	2 9	24 15	0 31	10 4	1 49	33 33	15 8	0 37	0 8	8 51		n.a.
W12	14 19	26 41	4 51	22 47	1 56	24 14	1 47	25 17	1 33	21 25	1 22	11 33	2 9	24 15	0 31	10 4	1 49	33 33	15 8	0 36	0 7	8 48		n.a.
T 13	14 38	23 4	4 15	22 58	1 51	24 26	1 49	25 14	1 32	21 23	1 22	11 31	2 9	24 14	0 31	10 5	1 49	33 33	15 9	0 36	0 6	8 45		n.a.
F 14	14 56	18 4	3 24	23 7	1 45	24 36	1 50	25 12	1 32	21 22	1 22	11 30	2 9	24 14	0 31	10 6	1 49	33 34	15 9	0 36	0 5	8 41		n.a.
S 15	15 15	12 2	2 20	23 14	1 39	24 46	1 51	25 9	1 31	21 20	1 22	11 29	2 8	24 14	0 31	10 7	1 49	33 34	15 10	0 36	0 3	8 38		n.a.
S 16	15 33	5 18	1 6	23 19	1 32	24 56	1 52	25 7	1 31	21 19	1 21	11 27	2 8	24 14	0 31	10 7	1 49	33 34	15 10	0 37	0 2	8 34		n.a.
M17	15 51	1n45	0n13	23 23	1 24	25 4	1 53	25 4	1 30	21 17	1 21	11 26	2 8	24 14	0 31	10 8	1 49	33 35	15 10	0 37	0 1	8 31		n.a.
T 18	16 8	8 44	1 30	23 25	1 16	25 12	1 54	25 1	1 30	21 15	1 21	11 24	2 8	24 14	0 31	10 9	1 49	33 35	15 11	0 37	0s 1	8 28		n.a.
W19	16 26	15 13	2 42	23 25	1 7	25 19	1 55	24 57	1 29	21 14	1 21	11 23	2 8	24 14	0 30	10 10	1 49	33 35	15 11	0 35	0 2	8 24		n.a.
T 20	16 43	20 48	3 42	23 24	0 57	25 26	1 56	24 54	1 28	21 12	1 21	11 22	2 8	24 14	0 30	10 11	1 49	33 36	15 11	0 33	0 3	8 21		n.a.
F 21	17 0	25 8	4 27	23 21	0 47	25 31	1 56	24 51	1 28	21 10	1 21	11 20	2 8	24 13	0 30	10 11	1 49	33 36	15 12	0 31	0 4	8 18		n.a.
S 22	17 16	27 54	4 56	23 17	0 36	25 36	1 57	24 47	1 27	21 8	1 20	11 19	2 8	24 13	0 30	10 12	1 49	33 36	15 12	0 28	0 6	8 14		n.a.
S 23	17 32	28 59	5 8	23 12	0 25	25 41	1 58	24 43	1 27	21 7	1 20	11 18	2 8	24 13	0 30	10 13	1 49	33 37	15 13	0 25	0 7	8 11		n.a.
M24	17 48	28 24	5 3	23 5	0 13	25 44	1 58	24 39	1 26	21 5	1 20	11 16	2 8	24 13	0 30	10 14	1 49	33 37	15 13	0 22	0 8	8 7		n.a.
T 25	18 4	26 20	4 43	22 58	0 0	25 47	1 58	24 35	1 26	21 3	1 20	11 15	2 7	24 13	0 30	10 14	1 49	33 37	15 13	0 20	0 10	8 4		n.a.
W26	18 20	23 4	4 11	22 49	0s13	25 49	1 59	24 30	1 25	21 1	1 20	11 14	2 7	24 13	0 30	10 15	1 49	33 38	15 14	0 19	0 11	8 1		n.a.
T 27	18 35	18 53	3 28	22 39	0 26	25 50	1 59	24 26	1 24	20 59	1 20	11 13	2 7	24 12	0 30	10 16	1 49	33 38	15 14	0 18	0 12	7 57		n.a.
F 28	18 50	14 1	2 37	22 28	0 40	25 51	1 59	24 21	1 24	20 57	1 19	11 11	2 7	24 12	0 30	10 16	1 49	33 39	15 14	0 18	0 13	7 54		n.a.
S 29	19 4	8 40	1 39	22 16	0 54	25 51	1 59	24 16	1 23	20 55	1 19	11 10	2 7	24 12	0 30	10 17	1 49	33 39	15 15	0 19	0 15	7 51		n.a.
S 30	19 18	3 1	0 37	22 3	1 9	25 50	1 59	24 11	1 23	20 53	1 19	11 9	2 7	24 12	0 30	10 18	1 49	33 39	15 15	0 19	0 16	7 47		n.a.
M31	19n32	2s46	0s27	21n50	1s23	25n48	1n59	24n 6	1n22	20n51	1n19	11s 8	2n 7	24n12	0n30	10n19	1s49	33s40	15s16	0n19	0s17	7n44		n.a.

Julian Day Number = 1209828.5, Delta T = 09h14m04s
Ecliptic obliquity = 23°51'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'10, Lahiri = -23°17'10 Julian Calendar 1 May 1401 BCE == Greg. Calendar 19 Apr. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

JUNE 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 48 35	26♉43'06	17♎55	17♊10	4♋25	17♋45	4♌15	4°R 3	6♋42	1♉ 0	6°R31	0°R46	29♓14	13♍57	n.a.	T 1
W 2	15 52 32	27°40'11	0♏13	17°R13	5°35	18°21	4°23	3♏59	6°45	1° 2	6♒31	0♈42	29°11	14° 4	n.a.	W 2
T 3	15 56 28	28°37'17	12°46	17°12	6°45	18°58	4°31	3°55	6°48	1° 4	6°30	0°36	29° 8	14°10	n.a.	T 3
F 4	16 0 25	29°34'23	25°37	17° 6	7°55	19°34	4°40	3°51	6°51	1° 6	6°30	0°28	29° 5	14°17	n.a.	F 4
S 5	16 4 21	0♊31'30	8♐44	16°55	9° 5	20°11	4°48	3°48	6°54	1° 8	6°30	0°19	29° 2	14°24	n.a.	S 5
S 6	16 8 18	1°28'37	22° 7	16°40	10°14	20°48	4°57	3°44	6°58	1°10	6°29	0° 9	28°58	14°30	n.a.	S 6
M 7	16 12 14	2°25'45	5♑44	16°20	11°24	21°24	5° 6	3°40	7° 1	1°12	6°29	29♓59	28°55	14°37	n.a.	M 7
T 8	16 16 11	3°22'54	19°31	15°56	12°33	22° 1	5°15	3°37	7° 4	1°14	6°29	29°51	28°52	14°44	n.a.	T 8
W 9	16 20 8	4°20'04	3♒27	15°27	13°43	22°38	5°24	3°33	7° 7	1°16	6°28	29°45	28°49	14°50	n.a.	W 9
T 10	16 24 4	5°17'14	17°28	14°55	14°52	23°15	5°33	3°30	7°11	1°18	6°28	29°42	28°46	14°57	n.a.	T 10
F 11	16 28 1	6°14'26	1♓33	14°20	16° 1	23°52	5°42	3°27	7°14	1°20	6°27	29°D41	28°42	15° 4	n.a.	F 11
S 12	16 31 57	7°11'38	15°41	13°42	17°10	24°29	5°52	3°23	7°17	1°22	6°27	29°41	28°39	15°10	n.a.	S 12
S 13	16 35 54	8° 8'52	29°51	13° 1	18°19	25° 6	6° 1	3°20	7°21	1°23	6°26	29°R41	28°36	15°17	n.a.	S 13
M14	16 39 50	9° 6'07	14♈ 1	12°19	19°28	25°43	6°10	3°17	7°24	1°25	6°26	29°40	28°33	15°24	n.a.	M14
T 15	16 43 47	10° 3'23	28°10	11°37	20°37	26°20	6°20	3°14	7°28	1°27	6°25	29°38	28°30	15°30	n.a.	T 15
W16	16 47 43	11° 0'40	12♉14	10°54	21°46	26°57	6°30	3°11	7°31	1°29	6°24	29°32	28°27	15°37	n.a.	W16
T 17	16 51 40	11°57'58	26°10	10°12	22°55	27°35	6°40	3° 8	7°34	1°31	6°24	29°24	28°23	15°43	n.a.	T 17
F 18	16 55 37	12°55'17	9♊54	9°31	24° 3	28°12	6°50	3° 5	7°38	1°33	6°23	29°14	28°20	15°50	n.a.	F 18
S 19	16 59 33	13°52'38	23°23	8°53	25°12	28°50	7° 0	3° 2	7°41	1°34	6°22	29° 2	28°17	15°57	n.a.	S 19
S 20	17 3 30	14°49'59	6♋34	8°17	26°20	29°27	7°10	3° 0	7°45	1°36	6°22	28°51	28°14	16° 3	n.a.	S 20
M21	17 7 26	15°47'21	19°26	7°45	27°29	0♌ 5	7°20	2°57	7°49	1°38	6°21	28°40	28°11	16°10	n.a.	M21
T 22	17 11 23	16°44'44	2♌ 0	7°17	28°37	0°43	7°30	2°54	7°52	1°40	6°20	28°31	28° 8	16°17	n.a.	T 22
W23	17 15 19	17°42'08	14°16	6°55	29°45	1°20	7°40	2°52	7°56	1°41	6°20	28°24	28° 4	16°23	n.a.	W23
T 24	17 19 16	18°39'33	26°18	6°37	0♌53	1°58	7°51	2°50	7°59	1°43	6°19	28°20	28° 1	16°30	n.a.	T 24
F 25	17 23 13	19°36'59	8♍11	6°25	2° 0	2°36	8° 1	2°47	8° 3	1°44	6°18	28°18	27°58	16°37	n.a.	F 25
S 26	17 27 9	20°34'26	20° 0	6°D19	3° 8	3°14	8°12	2°45	8° 6	1°46	6°17	28°D18	27°55	16°43	n.a.	S 26
S 27	17 31 6	21°31'53	1♎50	6°20	4°16	3°52	8°23	2°43	8°10	1°48	6°17	28°R18	27°52	16°50	n.a.	S 27
M28	17 35 2	22°29'22	13°46	6°27	5°23	4°30	8°33	2°41	8°14	1°49	6°16	28°17	27°48	16°57	n.a.	M28
T 29	17 38 59	23°26'52	25°54	6°41	6°30	5° 8	8°44	2°39	8°17	1°51	6°15	28°15	27°45	17° 3	n.a.	T 29
W30	17 42 55	24♊24'22	8♏18	7♊ 2	7♌38	5♌47	8♌55	2♏37	8♋21	1♉52	6♒14	28♓10	27♓42	17♍10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19n46	8s32	1s31	21n36	1s38	25n46	1n59	24n 0	1n22	20n49	1n19	11s 6	2n 7	24n12	0n30	10n19	1s49	33s40	15s16	0n19	0s19	7n40		n.a.
W 2	19 59	14 6	2 31	21 21	1 53	25 43	1 58	23 55	1 21	20 46	1 19	11 5	2 6	24 12	0 30	10 20	1 49	33 41	15 16	0 17	0 20	7 37		n.a.
T 3	20 12	19 12	3 25	21 6	2 9	25 39	1 58	23 49	1 20	20 44	1 18	11 4	2 6	24 11	0 30	10 21	1 49	33 41	15 17	0 15	0 21	7 34		n.a.
F 4	20 25	23 33	4 10	20 51	2 24	25 34	1 57	23 43	1 20	20 42	1 18	11 3	2 6	24 11	0 30	10 21	1 49	33 42	15 17	0 11	0 22	7 30		n.a.
S 5	20 37	26 48	4 43	20 35	2 38	25 29	1 57	23 37	1 19	20 40	1 18	11 2	2 6	24 11	0 30	10 22	1 49	33 42	15 17	0 8	0 24	7 27		n.a.
S 6	20 49	28 38	5 1	20 19	2 53	25 23	1 56	23 31	1 19	20 37	1 18	11 1	2 6	24 11	0 30	10 23	1 49	33 42	15 18	0 3	0 25	7 23		n.a.
M 7	21 1	28 46	5 2	20 3	3 7	25 16	1 55	23 25	1 18	20 35	1 18	11 0	2 6	24 11	0 30	10 23	1 49	33 43	15 18	0s 0	0 26	7 20		n.a.
T 8	21 12	27 8	4 46	19 47	3 21	25 9	1 54	23 18	1 18	20 33	1 18	10 59	2 5	24 10	0 30	10 24	1 49	33 43	15 18	0 4	0 27	7 17		n.a.
W 9	21 23	23 50	4 13	19 31	3 34	25 1	1 53	23 11	1 17	20 30	1 18	10 58	2 5	24 10	0 30	10 25	1 49	33 44	15 19	0 6	0 29	7 13		n.a.
T 10	21 34	19 7	3 25	19 15	3 46	24 52	1 52	23 4	1 16	20 28	1 17	10 57	2 5	24 10	0 30	10 25	1 49	33 44	15 19	0 7	0 30	7 10		n.a.
F 11	21 44	13 21	2 24	19 1	3 57	24 43	1 51	22 57	1 16	20 26	1 17	10 56	2 5	24 10	0 30	10 26	1 49	33 45	15 19	0 8	0 31	7 6		n.a.
S 12	21 54	6 52	1 14	18 46	4 6	24 33	1 49	22 50	1 15	20 23	1 17	10 55	2 5	24 10	0 30	10 27	1 49	33 45	15 20	0 8	0 33	7 3		n.a.
S 13	22 3	0 3	0n 1	18 33	4 15	24 22	1 48	22 43	1 15	20 21	1 17	10 54	2 5	24 9	0 30	10 27	1 49	33 46	15 20	0 8	0 34	7 0		n.a.
M14	22 12	6n47	1 15	18 21	4 22	24 10	1 46	22 35	1 14	20 18	1 17	10 53	2 4	24 9	0 30	10 28	1 49	33 46	15 20	0 8	0 35	6 56		n.a.
T 15	22 21	13 15	2 25	18 10	4 27	23 58	1 45	22 28	1 14	20 15	1 17	10 52	2 4	24 9	0 30	10 29	1 50	33 47	15 21	0 9	0 36	6 53		n.a.
W16	22 29	19 2	3 25	18 0	4 31	23 45	1 43	22 20	1 13	20 13	1 17	10 51	2 4	24 9	0 30	10 29	1 50	33 47	15 21	0 11	0 38	6 49		n.a.
T 17	22 37	23 43	4 13	17 52	4 34	23 32	1 41	22 12	1 12	20 10	1 17	10 50	2 4	24 9	0 30	10 30	1 50	33 47	15 21	0 14	0 39	6 46		n.a.
F 18	22 45	27 1	4 45	17 45	4 34	23 18	1 39	22 3	1 12	20 7	1 16	10 50	2 4	24 8	0 30	10 30	1 50	33 48	15 22	0 19	0 40	6 42		n.a.
S 19	22 52	28 41	5 0	17 41	4 33	23 4	1 37	21 55	1 11	20 5	1 16	10 49	2 3	24 8	0 30	10 31	1 50	33 48	15 22	0 23	0 42	6 39		n.a.
S 20	22 59	28 40	4 59	17 38	4 30	22 48	1 35	21 46	1 11	20 2	1 16	10 48	2 3	24 8	0 30	10 32	1 50	33 49	15 22	0 28	0 43	6 36		n.a.
M21	23 5	27 4	4 42	17 37	4 26	22 33	1 32	21 38	1 10	19 59	1 16	10 47	2 3	24 8	0 30	10 32	1 50	33 49	15 23	0 32	0 44	6 32		n.a.
T 22	23 11	24 9	4 12	17 39	4 20	22 16	1 30	21 29	1 9	19 56	1 16	10 47	2 3	24 8	0 30	10 33	1 50	33 50	15 23	0 36	0 45	6 29		n.a.
W23	23 17	20 12	3 31	17 42	4 12	21 59	1 28	21 20	1 9	19 54	1 16	10 46	2 3	24 7	0 30	10 33	1 50	33 50	15 23	0 39	0 47	6 25		n.a.
T 24	23 22	15 29	2 41	17 48	4 3	21 42	1 25	21 11	1 8	19 51	1 16	10 45	2 2	24 7	0 30	10 34	1 50	33 51	15 23	0 40	0 48	6 22		n.a.
F 25	23 27	10 15	1 45	17 56	3 53	21 24	1 22	21 1	1 8	19 48	1 16	10 45	2 2	24 7	0 30	10 34	1 50	33 51	15 24	0 41	0 49	6 18		n.a.
S 26	23 31	4 42	0 44	18 6	3 42	21 5	1 20	20 52	1 7	19 45	1 15	10 44	2 2	24 7	0 30	10 35	1 50	33 52	15 24	0 41	0 51	6 15		n.a.
S 27	23 35	1s 2	0s19	18 18	3 30	20 46	1 17	20 42	1 7	19 42	1 15	10 44	2 2	24 6	0 30	10 35	1 50	33 52	15 24	0 41	0 52	6 12		n.a.
M28	23 39	6 46	1 21	18 32	3 17	20 27	1 14	20 32	1 6	19 39	1 15	10 43	2 1	24 6	0 30	10 36	1 50	33 53	15 25	0 41	0 53	6 8		n.a.
T 29	23 42	12 21	2 21	18 48	3 3	20 7	1 10	20 22	1 5	19 36	1 15	10 43	2 1	24 6	0 30	10 36	1 50	33 53	15 25	0 42	0 54	6 5		n.a.
W30	23n44	17s35	3s15	19n 6	2s49	19n46	1n 7	20n12	1n 5	19n33	1n15	10s42	2n 1	24n 6	0n30	10n37	1s50	33s54	15s25	0s44	0s56	6n 1		n.a.

Julian Day Number = 1209859.5, Delta T = 09h14m03s
Ecliptic obliquity = 23°51'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'06, Lahiri = -23°17'06 Julian Calendar 1 June 1401 BCE == Greg. Calendar 20 May 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

JULY 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 46 52	25♊21'54	21♏ 2	7♊29	8♌45	6♌25	9♌ 6	2°R35	8♋25	1♉54	6°R13	28°R 3	27♓39	17♍17	n.a.	T 1
F 2	17 50 48	26°19'27	4♐ 7	8° 3	9°51	7° 3	9°17	2♏33	8°28	1°55	6♒12	27♓54	27°36	17°23	n.a.	F 2
S 3	17 54 45	27°17'02	17°34	8°45	10°58	7°42	9°28	2°32	8°32	1°57	6°11	27°42	27°33	17°30	n.a.	S 3
S 4	17 58 42	28°14'38	1♑20	9°32	12° 5	8°20	9°39	2°30	8°36	1°58	6°11	27°30	27°29	17°37	n.a.	S 4
M 5	18 2 38	29°12'15	15°22	10°27	13°11	8°59	9°51	2°29	8°40	2° 0	6°10	27°19	27°26	17°43	n.a.	M 5
T 6	18 6 35	0♋ 9'54	29°35	11°28	14°17	9°37	10° 2	2°27	8°43	2° 1	6° 9	27° 9	27°23	17°50	n.a.	T 6
W 7	18 10 31	1° 7'35	13♒54	12°35	15°23	10°16	10°13	2°26	8°47	2° 2	6° 8	27° 2	27°20	17°56	n.a.	W 7
T 8	18 14 28	2° 5'17	28°13	13°48	16°29	10°54	10°25	2°25	8°51	2° 4	6° 7	26°57	27°17	18° 3	n.a.	T 8
F 9	18 18 24	3° 3'01	12♓30	15° 6	17°35	11°33	10°36	2°24	8°55	2° 5	6° 6	26°55	27°14	18°10	n.a.	F 9
S 10	18 22 21	4° 0'47	26°41	16°30	18°41	12°12	10°48	2°23	8°58	2° 6	6° 5	26°55	27°10	18°16	n.a.	S 10
S 11	18 26 17	4°58'35	10♈46	17°59	19°46	12°51	11° 0	2°22	9° 2	2° 7	6° 4	26°55	27° 7	18°23	n.a.	S 11
M12	18 30 14	5°56'24	24°44	19°33	20°51	13°30	11°11	2°21	9° 6	2° 9	6° 3	26°54	27° 4	18°30	n.a.	M12
T 13	18 34 11	6°54'16	8♉33	21°11	21°56	14° 9	11°23	2°20	9°10	2°10	6° 2	26°51	27° 1	18°36	n.a.	T 13
W14	18 38 7	7°52'10	22°15	22°53	23° 1	14°48	11°35	2°20	9°13	2°11	6° 1	26°45	26°58	18°43	n.a.	W14
T 15	18 42 4	8°50'05	5♊46	24°38	24° 6	15°27	11°47	2°19	9°17	2°12	6° 0	26°37	26°54	18°50	n.a.	T 15
F 16	18 46 0	9°48'03	19° 7	26°27	25°10	16° 6	11°59	2°19	9°21	2°13	5°59	26°26	26°51	18°56	n.a.	F 16
S 17	18 49 57	10°46'02	2♋14	28°17	26°14	16°46	12°11	2°18	9°25	2°14	5°57	26°14	26°48	19° 3	n.a.	S 17
S 18	18 53 53	11°44'04	15° 8	0♋10	27°18	17°25	12°23	2°18	9°28	2°15	5°56	26° 1	26°45	19°10	n.a.	S 18
M19	18 57 50	12°42'07	27°47	2° 5	28°22	18° 4	12°35	2°18	9°32	2°16	5°55	25°50	26°42	19°16	n.a.	M19
T 20	19 1 46	13°40'11	10♌10	4° 1	29°26	18°44	12°47	2°D18	9°36	2°17	5°54	25°40	26°39	19°23	n.a.	T 20
W21	19 5 43	14°38'17	22°20	5°57	0♍29	19°23	12°59	2°18	9°40	2°18	5°53	25°33	26°35	19°30	n.a.	W21
T 22	19 9 40	15°36'25	4♍19	7°55	1°32	20° 3	13°11	2°18	9°43	2°19	5°52	25°29	26°32	19°36	n.a.	T 22
F 23	19 13 36	16°34'35	16°10	9°53	2°35	20°43	13°24	2°18	9°47	2°20	5°51	25°26	26°29	19°43	n.a.	F 23
S 24	19 17 33	17°32'46	27°57	11°50	3°37	21°22	13°36	2°19	9°51	2°21	5°50	25°D26	26°26	19°49	n.a.	S 24
S 25	19 21 29	18°30'59	9♎45	13°48	4°40	22° 2	13°48	2°19	9°55	2°22	5°48	25°27	26°23	19°56	n.a.	S 25
M26	19 25 26	19°29'14	21°41	15°45	5°42	22°42	14° 1	2°20	9°58	2°23	5°47	25°R27	26°20	20° 3	n.a.	M26
T 27	19 29 22	20°27'30	3♏48	17°42	6°43	23°22	14°13	2°20	10° 2	2°23	5°46	25°26	26°16	20° 9	n.a.	T 27
W28	19 33 19	21°25'48	16°13	19°37	7°45	24° 2	14°26	2°21	10° 6	2°24	5°45	25°23	26°13	20°16	n.a.	W28
T 29	19 37 15	22°24'07	29° 0	21°33	8°46	24°42	14°38	2°22	10° 9	2°25	5°44	25°18	26°10	20°23	n.a.	T 29
F 30	19 41 12	23°22'29	12♐11	23°27	9°47	25°22	14°51	2°23	10°13	2°25	5°42	25°11	26° 7	20°29	n.a.	F 30
S 31	19 45 9	24♋20'52	25♐48	25♋20	10♍47	26♌ 2	15♌ 3	2♏24	10♋17	2♉26	5♒41	25♓ 2	26♓ 4	20♍36	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n47	22s12	4s 1	19n25	2s34	19n25	1n 4	20n 2	1n 4	19n30	1n15	10s42	2n 1	24n 6	0n30	10n37	1s50	33s54	15s25	0s47	0s57	5n58			n.a.
F 2	23 49	25 51	4 35	19 45	2 19	19 4	1 0	19 52	1 4	19 27	1 15	10 41	2 1	24 5	0 30	10 38	1 50	33 55	15 26	0 51	0 58	5 54			n.a.
S 3	23 50	28 10	4 56	20 7	2 3	18 42	0 57	19 41	1 3	19 24	1 15	10 41	2 0	24 5	0 30	10 38	1 50	33 55	15 26	0 56	1 0	5 51			n.a.
S 4	23 51	28 51	5 0	20 30	1 48	18 19	0 53	19 30	1 2	19 21	1 15	10 41	2 0	24 5	0 30	10 39	1 50	33 56	15 26	1 1	1 1	5 48			n.a.
M 5	23 52	27 41	4 46	20 53	1 33	17 57	0 50	19 19	1 2	19 17	1 15	10 40	2 0	24 5	0 30	10 39	1 50	33 56	15 26	1 5	1 2	5 44			n.a.
T 6	23 52	24 44	4 14	21 17	1 17	17 34	0 46	19 8	1 1	19 14	1 15	10 40	2 0	24 4	0 30	10 40	1 50	33 57	15 27	1 9	1 3	5 41			n.a.
W 7	23 51	20 14	3 26	21 41	1 2	17 10	0 42	18 57	1 1	19 11	1 14	10 40	1 59	24 4	0 30	10 40	1 50	33 57	15 27	1 12	1 5	5 37			n.a.
T 8	23 51	14 34	2 25	22 5	0 47	16 46	0 38	18 46	1 0	19 8	1 14	10 40	1 59	24 4	0 30	10 41	1 50	33 58	15 27	1 14	1 6	5 34			n.a.
F 9	23 50	8 9	1 15	22 29	0 32	16 22	0 34	18 34	0 59	19 5	1 14	10 40	1 59	24 4	0 30	10 41	1 51	33 58	15 27	1 15	1 7	5 30			n.a.
S 10	23 48	1 21	0 1	22 52	0 18	15 57	0 29	18 23	0 59	19 1	1 14	10 39	1 59	24 3	0 30	10 41	1 51	33 59	15 28	1 15	1 9	5 27			n.a.
S 11	23 46	5n27	1n13	23 14	0 5	15 32	0 25	18 11	0 58	18 58	1 14	10 39	1 58	24 3	0 30	10 42	1 51	33 59	15 28	1 15	1 10	5 23			n.a.
M12	23 44	11 56	2 22	23 35	0n 8	15 7	0 21	17 59	0 58	18 55	1 14	10 39	1 58	24 3	0 30	10 42	1 51	34 0	15 28	1 15	1 11	5 20			n.a.
T 13	23 41	17 46	3 21	23 54	0 21	14 42	0 16	17 47	0 57	18 51	1 14	10 39	1 58	24 3	0 30	10 42	1 51	34 0	15 28	1 17	1 12	5 17			n.a.
W14	23 37	22 39	4 9	24 12	0 32	14 16	0 11	17 35	0 56	18 48	1 14	10 39	1 58	24 2	0 30	10 43	1 51	34 1	15 28	1 19	1 14	5 13			n.a.
T 15	23 34	26 16	4 42	24 28	0 43	13 50	0 7	17 22	0 56	18 44	1 14	10 39	1 58	24 2	0 30	10 43	1 51	34 1	15 29	1 22	1 15	5 10			n.a.
F 16	23 30	28 22	4 59	24 42	0 53	13 23	0 2	17 10	0 55	18 41	1 14	10 39	1 57	24 2	0 30	10 43	1 51	34 2	15 29	1 27	1 16	5 6			n.a.
S 17	23 25	28 50	4 59	24 53	1 2	12 57	0s 3	16 57	0 55	18 37	1 14	10 39	1 57	24 2	0 30	10 44	1 51	34 2	15 29	1 31	1 18	5 3			n.a.
S 18	23 20	27 42	4 45	25 2	1 10	12 30	0 8	16 44	0 54	18 34	1 14	10 40	1 57	24 1	0 30	10 44	1 51	34 3	15 29	1 36	1 19	4 59			n.a.
M19	23 15	25 9	4 16	25 8	1 18	12 3	0 13	16 32	0 53	18 30	1 14	10 40	1 57	24 1	0 30	10 44	1 51	34 3	15 29	1 41	1 20	4 56			n.a.
T 20	23 9	21 28	3 36	25 12	1 24	11 35	0 18	16 19	0 53	18 27	1 14	10 40	1 56	24 1	0 30	10 45	1 51	34 3	15 29	1 45	1 21	4 52			n.a.
W21	23 3	16 56	2 46	25 13	1 30	11 8	0 24	16 5	0 52	18 23	1 14	10 40	1 56	24 0	0 30	10 45	1 51	34 4	15 30	1 48	1 23	4 49			n.a.
T 22	22 56	11 48	1 50	25 12	1 35	10 40	0 29	15 52	0 52	18 20	1 13	10 41	1 56	24 0	0 30	10 45	1 51	34 4	15 30	1 50	1 24	4 45			n.a.
F 23	22 49	6 18	0 49	25 8	1 39	10 12	0 35	15 39	0 51	18 16	1 13	10 41	1 56	24 0	0 30	10 46	1 51	34 5	15 30	1 51	1 25	4 42			n.a.
S 24	22 41	0 38	0s13	25 1	1 42	9 44	0 40	15 25	0 50	18 12	1 13	10 41	1 55	24 0	0 30	10 46	1 51	34 5	15 30	1 51	1 27	4 39			n.a.
S 25	22 33	5s 5	1 16	24 52	1 45	9 16	0 46	15 11	0 50	18 9	1 13	10 42	1 55	23 59	0 30	10 46	1 51	34 6	15 30	1 51	1 28	4 35			n.a.
M26	22 25	10 41	2 15	24 41	1 47	8 47	0 52	14 58	0 49	18 5	1 13	10 42	1 55	23 59	0 30	10 46	1 51	34 6	15 30	1 50	1 29	4 32			n.a.
T 27	22 16	15 58	3 10	24 27	1 48	8 19	0 57	14 44	0 48	18 1	1 13	10 42	1 55	23 59	0 30	10 46	1 51	34 7	15 30	1 51	1 30	4 28			n.a.
W28	22 7	20 45	3 57	24 11	1 48	7 50	1 3	14 30	0 47	17 57	1 13	10 43	1 54	23 59	0 30	10 47	1 52	34 7	15 31	1 52	1 32	4 25			n.a.
T 29	21 58	24 44	4 33	23 53	1 48	7 22	1 9	14 16	0 47	17 54	1 13	10 43	1 54	23 58	0 30	10 47	1 52	34 7	15 31	1 54	1 33	4 21			n.a.
F 30	21 48	27 33	4 57	23 33	1 47	6 53	1 15	14 1	0 47	17 50	1 13	10 44	1 54	23 58	0 30	10 47	1 52	34 8	15 31	1 57	1 34	4 18			n.a.
S 31	21n38	28s52	5s 4	23n11	1n46	6n24	1s21	13n47	0n46	17n46	1n13	10s45	1n54	23n58	0n30	10n47	1s52	34s 8	15s31	2s 1	1s36	4n14			n.a.

Julian Day Number = 1209889.5, Delta T = 09h14m01s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°24'02, Lahiri = -23°17'01 Julian Calendar 1 July 1401 BCE == Greg. Calendar 19 June 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

AUGUST 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 49 5	25♋19'18	9♉50	27♋13	11♍47	26♌42	15♌16	2♏25	10♋21	2♉27	5°R40	24°R52	26♓ 0	20♍43	n.a.	S 1
M 2	19 53 2	26°17'45	24°12	29° 4	12°47	27°23	15°29	2°26	10°24	2°27	5♒39	24♓43	25°57	20°49	n.a.	M 2
T 3	19 56 58	27°16'14	8♒49	0♌55	13°46	28° 3	15°41	2°27	10°28	2°28	5°38	24°35	25°54	20°56	n.a.	T 3
W 4	20 0 55	28°14'45	23°33	2°44	14°46	28°43	15°54	2°29	10°31	2°28	5°36	24°29	25°51	21° 3	n.a.	W 4
T 5	20 4 51	29°13'19	8♓17	4°32	15°44	29°24	16° 7	2°30	10°35	2°29	5°35	24°26	25°48	21° 9	n.a.	T 5
F 6	20 8 48	0♌11'54	22°54	6°19	16°42	0♍ 4	16°20	2°32	10°39	2°29	5°34	24°D25	25°45	21°16	n.a.	F 6
S 7	20 12 44	1°10'32	7♈20	8° 5	17°40	0°45	16°32	2°33	10°42	2°29	5°33	24°25	25°41	21°23	n.a.	S 7
S 8	20 16 41	2° 9'13	21°32	9°50	18°38	1°26	16°45	2°35	10°46	2°30	5°32	24°26	25°38	21°29	n.a.	S 8
M 9	20 20 38	3° 7'55	5♉28	11°34	19°35	2° 6	16°58	2°37	10°49	2°30	5°30	24°R26	25°35	21°36	n.a.	M 9
T 10	20 24 34	4° 6'41	19°10	13°17	20°31	2°47	17°11	2°39	10°53	2°30	5°29	24°25	25°32	21°42	n.a.	T 10
W11	20 28 31	5° 5'29	2♊36	14°59	21°27	3°28	17°24	2°41	10°56	2°31	5°28	24°22	25°29	21°49	n.a.	W11
T 12	20 32 27	6° 4'19	15°48	16°40	22°23	4° 9	17°37	2°43	11° 0	2°31	5°27	24°17	25°26	21°56	n.a.	T 12
F 13	20 36 24	7° 3'11	28°48	18°20	23°18	4°50	17°50	2°45	11° 3	2°31	5°25	24°10	25°22	22° 2	n.a.	F 13
S 14	20 40 20	8° 2'06	11♋34	19°59	24°12	5°31	18° 3	2°48	11° 7	2°31	5°24	24° 2	25°19	22° 9	n.a.	S 14
S 15	20 44 17	9° 1'04	24° 8	21°37	25° 6	6°12	18°16	2°50	11°10	2°31	5°23	23°53	25°16	22°16	n.a.	S 15
M16	20 48 13	10° 0'03	6♌31	23°14	26° 0	6°53	18°29	2°53	11°14	2°32	5°22	23°45	25°13	22°22	n.a.	M16
T 17	20 52 10	10°59'05	18°42	24°50	26°53	7°34	18°42	2°55	11°17	2°32	5°21	23°39	25°10	22°29	n.a.	T 17
W18	20 56 6	11°58'08	0♍43	26°26	27°45	8°16	18°55	2°58	11°21	2°R32	5°19	23°34	25° 6	22°36	n.a.	W18
T 19	21 0 3	12°57'14	12°37	28° 0	28°36	8°57	19° 8	3° 1	11°24	2°32	5°18	23°32	25° 3	22°42	n.a.	T 19
F 20	21 4 0	13°56'22	24°25	29°33	29°27	9°38	19°21	3° 4	11°27	2°32	5°17	23°D31	25° 0	22°49	n.a.	F 20
S 21	21 7 56	14°55'32	6♎10	1♍ 6	0♎18	10°20	19°34	3° 7	11°31	2°32	5°16	23°32	24°57	22°56	n.a.	S 21
S 22	21 11 53	15°54'43	17°58	2°38	1° 7	11° 1	19°47	3°10	11°34	2°31	5°14	23°33	24°54	23° 2	n.a.	S 22
M23	21 15 49	16°53'57	29°52	4° 9	1°56	11°43	20° 0	3°13	11°37	2°31	5°13	23°35	24°51	23° 9	n.a.	M23
T 24	21 19 46	17°53'13	11♏58	5°38	2°44	12°25	20°13	3°16	11°40	2°31	5°12	23°36	24°47	23°16	n.a.	T 24
W25	21 23 42	18°52'31	24°20	7° 8	3°31	13° 6	20°26	3°19	11°44	2°31	5°11	23°R36	24°44	23°22	n.a.	W25
T 26	21 27 39	19°51'50	7♐ 3	8°36	4°18	13°48	20°39	3°23	11°47	2°31	5°10	23°35	24°41	23°29	n.a.	T 26
F 27	21 31 35	20°51'12	20°12	10° 3	5° 3	14°30	20°52	3°26	11°50	2°30	5° 8	23°32	24°38	23°35	n.a.	F 27
S 28	21 35 32	21°50'36	3♑48	11°29	5°48	15°12	21° 6	3°30	11°53	2°30	5° 7	23°28	24°35	23°42	n.a.	S 28
S 29	21 39 29	22°50'01	17°52	12°55	6°31	15°54	21°19	3°33	11°56	2°30	5° 6	23°23	24°32	23°49	n.a.	S 29
M30	21 43 25	23°49'29	2♒21	14°19	7°14	16°36	21°32	3°37	11°59	2°29	5° 5	23°19	24°28	23°55	n.a.	M30
T 31	21 47 22	24♌48'58	17♒10	15♍43	7♎56	17♍18	21♌45	3♏41	12♋ 2	2♉29	5♒ 4	23♓15	24♓25	24♍ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	21n27	28s23	4s54	22n47	1n44	5n55	1s28	13n32	0n45	17n42	1n13	10s45	1n53	23n57	0n30	10n47	1s52	34s 9	15s31	2s 4		1s37		4n11			n.a.
M 2	21 16	26 0	4 26	22 22	1 42	5 26	1 34	13 18	0 45	17 38	1 13	10 46	1 53	23 57	0 31	10 47	1 52	34 9	15 31	2 8		1 38		4 7			n.a.
T 3	21 4	21 53	3 39	21 55	1 39	4 57	1 40	13 3	0 44	17 34	1 13	10 46	1 53	23 57	0 31	10 48	1 52	34 10	15 31	2 11		1 39		4 4			n.a.
W 4	20 53	16 23	2 38	21 27	1 36	4 28	1 46	12 48	0 43	17 31	1 13	10 47	1 53	23 57	0 31	10 48	1 52	34 10	15 31	2 14		1 41		4 0			n.a.
T 5	20 40	9 56	1 26	20 58	1 33	3 59	1 53	12 33	0 43	17 27	1 13	10 48	1 52	23 56	0 31	10 48	1 52	34 10	15 31	2 15		1 42		3 57			n.a.
F 6	20 28	2 59	0 8	20 27	1 29	3 31	1 59	12 18	0 42	17 23	1 13	10 49	1 52	23 56	0 31	10 48	1 52	34 11	15 31	2 15		1 43		3 53			n.a.
S 7	20 15	4n 1	1n 9	19 55	1 24	3 2	2 6	12 3	0 42	17 19	1 13	10 49	1 52	23 56	0 31	10 48	1 52	34 11	15 31	2 15		1 45		3 50			n.a.
S 8	20 2	10 42	2 21	19 22	1 20	2 33	2 13	11 47	0 41	17 15	1 13	10 50	1 52	23 56	0 31	10 48	1 52	34 12	15 31	2 15		1 46		3 47			n.a.
M 9	19 48	16 45	3 23	18 49	1 15	2 4	2 19	11 32	0 40	17 11	1 13	10 51	1 51	23 55	0 31	10 48	1 52	34 12	15 31	2 15		1 47		3 43			n.a.
T 10	19 34	21 51	4 12	18 14	1 10	1 35	2 26	11 17	0 40	17 7	1 13	10 52	1 51	23 55	0 31	10 48	1 52	34 12	15 31	2 15		1 48		3 40			n.a.
W11	19 20	25 43	4 46	17 39	1 4	1 7	2 33	11 1	0 39	17 3	1 13	10 53	1 51	23 55	0 31	10 48	1 52	34 13	15 31	2 16		1 50		3 36			n.a.
T 12	19 5	28 8	5 4	17 3	0 59	0 38	2 40	10 45	0 38	16 59	1 13	10 54	1 51	23 54	0 31	10 48	1 52	34 13	15 31	2 19		1 51		3 33			n.a.
F 13	18 50	28 58	5 7	16 26	0 53	0 10	2 47	10 29	0 38	16 55	1 13	10 55	1 51	23 54	0 31	10 48	1 52	34 13	15 32	2 21		1 52		3 29			n.a.
S 14	18 35	28 13	4 54	15 49	0 47	0s18	2 54	10 14	0 37	16 51	1 13	10 56	1 50	23 54	0 31	10 48	1 52	34 14	15 32	2 25		1 53		3 26			n.a.
S 15	18 19	26 2	4 26	15 11	0 40	0 46	3 0	9 58	0 36	16 47	1 13	10 57	1 50	23 54	0 31	10 48	1 53	34 14	15 32	2 28		1 55		3 22			n.a.
M16	18 3	22 38	3 47	14 33	0 34	1 14	3 8	9 41	0 36	16 42	1 13	10 58	1 50	23 53	0 31	10 48	1 53	34 14	15 32	2 31		1 56		3 19			n.a.
T 17	17 47	18 18	2 58	13 54	0 27	1 42	3 15	9 25	0 35	16 38	1 13	10 59	1 50	23 53	0 31	10 48	1 53	34 15	15 32	2 34		1 57		3 15			n.a.
W18	17 30	13 17	2 1	13 15	0 21	2 10	3 22	9 9	0 35	16 34	1 13	11 0	1 49	23 53	0 31	10 48	1 53	34 15	15 31	2 36		1 59		3 12			n.a.
T 19	17 13	7 51	0 59	12 36	0 14	2 37	3 29	8 53	0 34	16 30	1 13	11 2	1 49	23 53	0 31	10 48	1 53	34 15	15 31	2 37		2 0		3 8			n.a.
F 20	16 56	2 11	0s 5	11 56	0 7	3 4	3 36	8 36	0 33	16 26	1 13	11 3	1 49	23 52	0 31	10 48	1 53	34 16	15 31	2 37		2 1		3 5			n.a.
S 21	16 39	3s32	1 8	11 16	0s 0	3 31	3 43	8 20	0 33	16 22	1 13	11 4	1 49	23 52	0 31	10 48	1 53	34 16	15 31	2 37		2 2		3 1			n.a.
S 22	16 21	9 9	2 9	10 36	0 7	3 58	3 50	8 3	0 32	16 18	1 13	11 5	1 48	23 52	0 31	10 48	1 53	34 16	15 31	2 36		2 4		2 58			n.a.
M23	16 3	14 30	3 5	9 56	0 14	4 24	3 57	7 46	0 31	16 13	1 13	11 7	1 48	23 51	0 31	10 48	1 53	34 16	15 31	2 35		2 5		2 54			n.a.
T 24	15 44	19 24	3 54	9 16	0 22	4 50	4 5	7 30	0 31	16 9	1 13	11 8	1 48	23 51	0 31	10 48	1 53	34 17	15 31	2 35		2 6		2 51			n.a.
W25	15 26	23 36	4 33	8 36	0 29	5 16	4 12	7 13	0 30	16 5	1 13	11 9	1 48	23 51	0 31	10 48	1 53	34 17	15 31	2 35		2 8		2 47			n.a.
T 26	15 7	26 48	5 0	7 56	0 36	5 41	4 19	6 56	0 29	16 1	1 13	11 11	1 48	23 51	0 31	10 47	1 53	34 17	15 31	2 36		2 9		2 44			n.a.
F 27	14 48	28 41	5 12	7 16	0 44	6 6	4 26	6 39	0 29	15 56	1 13	11 12	1 47	23 50	0 31	10 47	1 53	34 18	15 31	2 37		2 10		2 40			n.a.
S 28	14 28	28 56	5 8	6 36	0 51	6 30	4 33	6 22	0 28	15 52	1 13	11 13	1 47	23 50	0 31	10 47	1 53	34 18	15 31	2 38		2 11		2 37			n.a.
S 29	14 9	27 21	4 45	5 56	0 58	6 55	4 40	6 5	0 27	15 48	1 13	11 15	1 47	23 50	0 31	10 47	1 53	34 18	15 31	2 40		2 13		2 33			n.a.
M30	13 49	23 56	4 4	5 16	1 6	7 18	4 47	5 47	0 27	15 44	1 13	11 16	1 47	23 50	0 31	10 47	1 53	34 18	15 31	2 42		2 14		2 30			n.a.
T 31	13n29	18s54	3s 5	4n37	1s13	7s41	4s55	5n30	0n26	15n39	1n13	11s18	1n46	23n49	0n31	10n47	1s53	34s18	15s31	2s43		2s15		2n27			n.a.

Julian Day Number = 1209920.5, Delta T = 09h13m59s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°23'58, Lahiri = -23°16'57 Julian Calendar 1 Aug. 1401 BCE == Greg. Calendar 20 July 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

SEPTEMBER 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 51 18	25♌48'30	2♓12	17♍ 5	8♎36	18♍ 0	21♌58	3♏45	12♋ 5	2°R29	5°R 3	23°R13	24♓22	24♍ 9	n.a.	W 1
T 2	21 55 15	26°48'04	17°17	18°27	9°15	18°42	22°11	3°48	12° 8	2♉28	5♒ 2	23°D11	24°19	24°15	n.a.	T 2
F 3	21 59 11	27°47'40	2♈17	19°47	9°54	19°25	22°24	3°53	12°11	2°28	5° 0	23♓11	24°16	24°22	n.a.	F 3
S 4	22 3 8	28°47'18	17° 4	21° 6	10°31	20° 7	22°37	3°57	12°14	2°27	4°59	23°13	24°12	24°29	n.a.	S 4
S 5	22 7 4	29°46'59	1♉33	22°24	11° 7	20°49	22°50	4° 1	12°17	2°26	4°58	23°14	24° 9	24°35	n.a.	S 5
M 6	22 11 1	0♍46'42	15°40	23°41	11°41	21°32	23° 3	4° 5	12°20	2°26	4°57	23°15	24° 6	24°42	n.a.	M 6
T 7	22 14 57	1°46'28	29°25	24°56	12°14	22°14	23°16	4° 9	12°22	2°25	4°56	23°R16	24° 3	24°49	n.a.	T 7
W 8	22 18 54	2°46'16	12♊47	26°10	12°46	22°57	23°29	4°14	12°25	2°25	4°55	23°16	24° 0	24°55	n.a.	W 8
T 9	22 22 51	3°46'07	25°50	27°22	13°16	23°39	23°42	4°18	12°28	2°24	4°54	23°14	23°57	25° 2	n.a.	T 9
F 10	22 26 47	4°46'00	8♋36	28°33	13°45	24°22	23°55	4°23	12°30	2°23	4°53	23°12	23°53	25° 8	n.a.	F 10
S 11	22 30 44	5°45'56	21° 6	29°41	14°13	25° 5	24° 8	4°27	12°33	2°22	4°52	23°10	23°50	25°15	n.a.	S 11
S 12	22 34 40	6°45'53	3♌24	0♎48	14°38	25°48	24°21	4°32	12°36	2°22	4°51	23° 7	23°47	25°22	n.a.	S 12
M13	22 38 37	7°45'53	15°32	1°52	15° 2	26°31	24°34	4°37	12°38	2°21	4°50	23° 4	23°44	25°28	n.a.	M13
T 14	22 42 33	8°45'55	27°32	2°54	15°24	27°13	24°47	4°42	12°41	2°20	4°49	23° 3	23°41	25°35	n.a.	T 14
W15	22 46 30	9°45'59	9♍25	3°53	15°45	27°56	25° 0	4°47	12°43	2°19	4°48	23° 1	23°38	25°42	n.a.	W15
T 16	22 50 26	10°46'05	21°14	4°48	16° 3	28°39	25°13	4°52	12°45	2°18	4°47	23°D 1	23°34	25°48	n.a.	T 16
F 17	22 54 23	11°46'13	3♎ 0	5°41	16°20	29°23	25°26	4°57	12°48	2°17	4°46	23° 1	23°31	25°55	n.a.	F 17
S 18	22 58 19	12°46'23	14°47	6°29	16°34	0♎ 6	25°39	5° 2	12°50	2°16	4°45	23° 2	23°28	26° 2	n.a.	S 18
S 19	23 2 16	13°46'35	26°37	7°14	16°47	0°49	25°52	5° 7	12°52	2°15	4°44	23° 3	23°25	26° 8	n.a.	S 19
M20	23 6 13	14°46'49	8♏34	7°53	16°57	1°32	26° 4	5°12	12°55	2°14	4°43	23° 4	23°22	26°15	n.a.	M20
T 21	23 10 9	15°47'04	20°41	8°28	17° 5	2°16	26°17	5°17	12°57	2°13	4°42	23° 4	23°18	26°22	n.a.	T 21
W22	23 14 6	16°47'21	3♐ 1	8°56	17°11	2°59	26°30	5°23	12°59	2°12	4°41	23° 5	23°15	26°28	n.a.	W22
T 23	23 18 2	17°47'40	15°40	9°18	17°15	3°42	26°42	5°28	13° 1	2°11	4°41	23°R 5	23°12	26°35	n.a.	T 23
F 24	23 21 59	18°48'00	28°41	9°34	17°R16	4°26	26°55	5°33	13° 3	2°10	4°40	23° 5	23° 9	26°42	n.a.	F 24
S 25	23 25 55	19°48'22	12♑ 8	9°R41	17°15	5°10	27° 8	5°39	13° 5	2° 9	4°39	23° 5	23° 6	26°48	n.a.	S 25
S 26	23 29 52	20°48'46	26° 2	9°40	17°12	5°53	27°20	5°45	13° 7	2° 8	4°38	23° 5	23° 3	26°55	n.a.	S 26
M27	23 33 48	21°49'11	10♒22	9°30	17° 5	6°37	27°33	5°50	13° 9	2° 6	4°37	23° 4	22°59	27° 1	n.a.	M27
T 28	23 37 45	22°49'38	25° 7	9°11	16°57	7°21	27°45	5°56	13°11	2° 5	4°37	23°D 4	22°56	27° 8	n.a.	T 28
W29	23 41 42	23°50'06	10♓10	8°42	16°46	8° 4	27°58	6° 2	13°13	2° 4	4°36	23° 4	22°53	27°15	n.a.	W29
T 30	23 45 38	24♍50'36	25♓23	8♎ 3	16♎33	8♎48	28♌10	6♏ 7	13♋15	2♉ 3	4♒35	23°R 4	22♓50	27♍21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	13n 8	12s38	1s53	3n58	1s20	8s 4	5s 2	5n13	0n25	15n35	1n13	11s19	1n46	23n49	0n31	10n46	1s54	34s19	15s31	2s45	2s17	2n23		n.a.
T 2	12 48	5 36	0 32	3 19	1 27	8 26	5 9	4 55	0 25	15 31	1 13	11 21	1 46	23 49	0 31	10 46	1 54	34 19	15 30	2 45	2 18	2 20		n.a.
F 3	12 27	1n41	0n50	2 40	1 34	8 48	5 15	4 38	0 24	15 27	1 13	11 22	1 46	23 49	0 31	10 46	1 54	34 19	15 30	2 45	2 19	2 16		n.a.
S 4	12 6	8 47	2 8	2 2	1 42	9 9	5 22	4 21	0 24	15 22	1 13	11 24	1 46	23 48	0 31	10 46	1 54	34 19	15 30	2 45	2 20	2 13		n.a.
S 5	11 45	15 16	3 16	1 25	1 48	9 30	5 29	4 3	0 23	15 18	1 13	11 26	1 45	23 48	0 31	10 45	1 54	34 19	15 30	2 44	2 22	2 9		n.a.
M 6	11 23	20 48	4 10	0 48	1 55	9 50	5 36	3 45	0 22	15 14	1 14	11 27	1 45	23 48	0 31	10 45	1 54	34 20	15 30	2 43	2 23	2 6		n.a.
T 7	11 2	25 4	4 49	0 11	2 2	10 9	5 42	3 28	0 22	15 9	1 14	11 29	1 45	23 48	0 31	10 45	1 54	34 20	15 30	2 43	2 24	2 2		n.a.
W 8	10 40	27 52	5 10	0s24	2 8	10 28	5 49	3 10	0 21	15 5	1 14	11 31	1 45	23 47	0 31	10 45	1 54	34 20	15 30	2 43	2 26	1 59		n.a.
T 9	10 18	29 3	5 15	0 59	2 15	10 46	5 55	2 52	0 20	15 1	1 14	11 32	1 45	23 47	0 31	10 44	1 54	34 20	15 30	2 44	2 27	1 55		n.a.
F 10	9 56	28 38	5 4	1 33	2 21	11 3	6 2	2 34	0 20	14 56	1 14	11 34	1 44	23 47	0 31	10 44	1 54	34 20	15 29	2 45	2 28	1 52		n.a.
S 11	9 34	26 46	4 39	2 6	2 26	11 19	6 8	2 17	0 19	14 52	1 14	11 36	1 44	23 47	0 31	10 44	1 54	34 20	15 29	2 46	2 29	1 48		n.a.
S 12	9 11	23 38	4 1	2 38	2 32	11 35	6 14	1 59	0 18	14 48	1 14	11 38	1 44	23 47	0 31	10 43	1 54	34 20	15 29	2 47	2 31	1 45		n.a.
M13	8 48	19 32	3 13	3 9	2 37	11 50	6 19	1 41	0 18	14 43	1 14	11 39	1 44	23 46	0 31	10 43	1 54	34 21	15 29	2 48	2 32	1 41		n.a.
T 14	8 26	14 41	2 17	3 38	2 42	12 4	6 25	1 23	0 17	14 39	1 14	11 41	1 44	23 46	0 32	10 43	1 54	34 21	15 29	2 49	2 33	1 38		n.a.
W15	8 3	9 20	1 15	4 6	2 46	12 17	6 30	1 5	0 16	14 35	1 14	11 43	1 43	23 46	0 32	10 42	1 54	34 21	15 29	2 49	2 34	1 34		n.a.
T 16	7 39	3 41	0 10	4 32	2 50	12 29	6 35	0 47	0 16	14 30	1 14	11 45	1 43	23 46	0 32	10 42	1 54	34 21	15 28	2 49	2 36	1 31		n.a.
F 17	7 16	2s 3	0s55	4 57	2 54	12 40	6 40	0 29	0 15	14 26	1 14	11 47	1 43	23 46	0 32	10 42	1 54	34 21	15 28	2 49	2 37	1 27		n.a.
S 18	6 53	7 44	1 58	5 19	2 57	12 50	6 45	0 11	0 14	14 22	1 14	11 49	1 43	23 45	0 32	10 41	1 54	34 21	15 28	2 49	2 38	1 24		n.a.
S 19	6 29	13 10	2 56	5 39	2 59	12 59	6 49	0s 7	0 14	14 17	1 14	11 51	1 43	23 45	0 32	10 41	1 54	34 21	15 28	2 48	2 40	1 20		n.a.
M20	6 6	18 11	3 47	5 56	3 0	13 6	6 53	0 26	0 13	14 13	1 14	11 53	1 43	23 45	0 32	10 40	1 54	34 21	15 28	2 48	2 41	1 17		n.a.
T 21	5 42	22 33	4 29	6 10	3 1	13 13	6 57	0 44	0 12	14 9	1 15	11 55	1 42	23 45	0 32	10 40	1 54	34 21	15 27	2 48	2 42	1 13		n.a.
W22	5 18	26 1	4 59	6 22	3 1	13 18	7 0	1 2	0 12	14 4	1 15	11 57	1 42	23 45	0 32	10 40	1 55	34 21	15 27	2 48	2 43	1 10		n.a.
T 23	4 54	28 18	5 15	6 30	3 0	13 22	7 3	1 20	0 11	14 0	1 15	11 58	1 42	23 44	0 32	10 39	1 55	34 21	15 27	2 47	2 45	1 6		n.a.
F 24	4 30	29 8	5 16	6 33	2 57	13 25	7 5	1 38	0 10	13 56	1 15	12 0	1 42	23 44	0 32	10 39	1 55	34 21	15 27	2 47	2 46	1 3		n.a.
S 25	4 6	28 17	5 1	6 33	2 54	13 26	7 7	1 56	0 10	13 51	1 15	12 2	1 42	23 44	0 32	10 38	1 55	34 21	15 26	2 48	2 47	0 59		n.a.
S 26	3 42	25 41	4 27	6 28	2 48	13 26	7 9	2 15	0 9	13 47	1 15	12 5	1 42	23 44	0 32	10 38	1 55	34 21	15 26	2 48	2 49	0 56		n.a.
M27	3 18	21 24	3 36	6 18	2 42	13 25	7 9	2 33	0 8	13 43	1 15	12 7	1 41	23 44	0 32	10 37	1 55	34 21	15 26	2 48	2 50	0 52		n.a.
T 28	2 54	15 43	2 29	6 3	2 34	13 22	7 10	2 51	0 8	13 38	1 15	12 9	1 41	23 44	0 32	10 37	1 55	34 21	15 26	2 48	2 51	0 49		n.a.
W29	2 29	8 59	1 11	5 42	2 24	13 17	7 9	3 9	0 7	13 34	1 15	12 11	1 41	23 43	0 32	10 37	1 55	34 21	15 25	2 48	2 52	0 45		n.a.
T 30	2n 5	1s40	0n13	5s16	2s12	13s11	7s 9	3s27	0n 6	13n30	1n15	12s13	1n41	23n43	0n32	10n36	1s55	34s21	15s25	2s48	2s54	0n42		n.a.

Julian Day Number = 1209951.5, Delta T = 09h13m57s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°23'53, Lahiri = -23°16'53 Julian Calendar 1 Sept. 1401 BCE == Greg. Calendar 20 Aug. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

OCTOBER 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 49 35	25♍51'07	10♈37	7°R14	16°R17	9♎32	28♌23	6♏13	13♋16	2°R 1	4°R34	23°R 4	22♓47	27♍28	n.a.	F 1
S 2	23 53 31	26°51'41	25°42	6♎16	15♎59	10°16	28°35	6°19	13°18	2♉ 0	4♒34	23♓ 4	22°43	27°35	n.a.	S 2
S 3	23 57 28	27°52'16	10♉29	5°10	15°38	11° 0	28°47	6°25	13°20	1°59	4°33	23° 4	22°40	27°41	n.a.	S 3
M 4	0 1 24	28°52'54	24°52	3°57	15°16	11°44	28°59	6°31	13°21	1°57	4°32	23° 3	22°37	27°48	n.a.	M 4
T 5	0 5 21	29°53'33	8♊49	2°39	14°51	12°28	29°12	6°37	13°23	1°56	4°32	23° 2	22°34	27°55	n.a.	T 5
W 6	0 9 17	0♎54'14	22°18	1°18	14°24	13°12	29°24	6°43	13°24	1°55	4°31	23° 2	22°31	28° 1	n.a.	W 6
T 7	0 13 14	1°54'57	5♋22	29♍58	13°55	13°57	29°36	6°49	13°25	1°53	4°31	23°D 2	22°28	28° 8	n.a.	T 7
F 8	0 17 11	2°55'42	18° 4	28°40	13°25	14°41	29°48	6°55	13°27	1°52	4°30	23° 2	22°24	28°15	n.a.	F 8
S 9	0 21 7	3°56'29	0♌27	27°28	12°53	15°25	29°59	7° 2	13°28	1°50	4°30	23° 3	22°21	28°21	n.a.	S 9
S 10	0 25 4	4°57'17	12°36	26°23	12°20	16°10	0♍12	7° 8	13°29	1°49	4°29	23° 4	22°18	28°28	n.a.	S 10
M11	0 29 0	5°58'07	24°34	25°27	11°46	16°54	0°23	7°14	13°31	1°47	4°29	23° 5	22°15	28°34	n.a.	M11
T 12	0 32 57	6°58'58	6♍25	24°42	11°11	17°39	0°35	7°21	13°32	1°46	4°28	23° 6	22°12	28°41	n.a.	T 12
W13	0 36 53	7°59'52	18°13	24° 9	10°35	18°23	0°47	7°27	13°33	1°44	4°28	23°R 7	22° 9	28°48	n.a.	W13
T 14	0 40 50	9° 0'46	29°59	23°47	9°59	19° 8	0°59	7°33	13°34	1°43	4°27	23° 7	22° 5	28°54	n.a.	T 14
F 15	0 44 46	10° 1'42	11♎48	23°D36	9°23	19°53	1°10	7°40	13°35	1°41	4°27	23° 6	22° 2	29° 1	n.a.	F 15
S 16	0 48 43	11° 2'39	23°40	23°37	8°47	20°37	1°22	7°46	13°36	1°40	4°26	23° 4	21°59	29° 8	n.a.	S 16
S 17	0 52 39	12° 3'38	5♏37	23°49	8°11	21°22	1°33	7°53	13°37	1°38	4°26	23° 1	21°56	29°14	n.a.	S 17
M18	0 56 36	13° 4'37	17°42	24°10	7°35	22° 7	1°45	7°59	13°37	1°37	4°26	22°58	21°53	29°21	n.a.	M18
T 19	1 0 33	14° 5'38	29°56	24°40	7° 1	22°52	1°56	8° 6	13°38	1°35	4°25	22°55	21°49	29°28	n.a.	T 19
W20	1 4 29	15° 6'40	12♐23	25°17	6°28	23°37	2° 7	8°13	13°39	1°33	4°25	22°51	21°46	29°34	n.a.	W20
T 21	1 8 26	16° 7'43	25° 4	26° 2	5°55	24°22	2°18	8°19	13°39	1°32	4°25	22°49	21°43	29°41	n.a.	T 21
F 22	1 12 22	17° 8'46	8♑ 2	26°53	5°25	25° 7	2°29	8°26	13°40	1°30	4°25	22°47	21°40	29°48	n.a.	F 22
S 23	1 16 19	18° 9'51	21°20	27°50	4°56	25°52	2°40	8°33	13°41	1°28	4°24	22°D47	21°37	29°54	n.a.	S 23
S 24	1 20 15	19°10'56	5♒ 0	28°51	4°28	26°37	2°51	8°39	13°41	1°27	4°24	22°48	21°34	0♎ 1	n.a.	S 24
M25	1 24 12	20°12'01	19° 4	29°57	4° 3	27°22	3° 2	8°46	13°41	1°25	4°24	22°49	21°30	0° 8	n.a.	M25
T 26	1 28 9	21°13'08	3♓31	1♎ 6	3°40	28° 7	3°13	8°53	13°42	1°23	4°24	22°51	21°27	0°14	n.a.	T 26
W27	1 32 5	22°14'15	18°18	2°18	3°19	28°53	3°23	9° 0	13°42	1°22	4°24	22°R52	21°24	0°21	n.a.	W27
T 28	1 36 2	23°15'22	3♈20	3°33	3° 0	29°38	3°34	9° 6	13°42	1°20	4°24	22°51	21°21	0°27	n.a.	T 28
F 29	1 39 58	24°16'31	18°29	4°50	2°44	0♏23	3°45	9°13	13°43	1°18	4°24	22°50	21°18	0°34	n.a.	F 29
S 30	1 43 55	25°17'40	3♉35	6° 9	2°30	1° 9	3°55	9°20	13°43	1°17	4°24	22°46	21°15	0°41	n.a.	S 30
S 31	1 47 51	26♎18'50	18♉30	7♎30	2♎19	1♏54	4♍ 5	9♏27	13♋43	1♉15	4°D24	22♓41	21♓11	0♎47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	1n41	5n45	1n36	4s44	1s58	13s 3	7s 7	3s45	0n 6	13n26	1n16	12s15	1n41	23n43	0n32	10n36	1s55	34s21	15s25	2s48	2s55	0n38		n.a.
S 2	1 16	12 46	2 52	4 6	1 43	12 54	7 5	4 4	0 5	13 21	1 16	12 17	1 41	23 43	0 32	10 35	1 55	34 21	15 25	2 48	2 56	0 35		n.a.
S 3	0 52	18 55	3 54	3 24	1 26	12 43	7 2	4 22	0 4	13 17	1 16	12 19	1 40	23 43	0 32	10 35	1 55	34 21	15 24	2 48	2 57	0 31		n.a.
M 4	0 27	23 51	4 40	2 38	1 7	12 30	6 58	4 40	0 4	13 13	1 16	12 21	1 40	23 43	0 32	10 34	1 55	34 21	15 24	2 48	2 59	0 28		n.a.
T 5	0 3	27 14	5 8	1 48	0 48	12 16	6 53	4 58	0 3	13 9	1 16	12 23	1 40	23 43	0 32	10 34	1 55	34 20	15 24	2 49	3 0	0 24		n.a.
W 6	0s22	28 55	5 18	0 57	0 27	12 1	6 48	5 16	0 2	13 4	1 16	12 26	1 40	23 43	0 32	10 33	1 55	34 20	15 24	2 49	3 1	0 21		n.a.
T 7	0 46	28 55	5 10	0 5	0 7	11 44	6 42	5 34	0 1	13 0	1 16	12 28	1 40	23 42	0 32	10 33	1 55	34 20	15 23	2 49	3 3	0 17		n.a.
F 8	1 11	27 22	4 48	0n45	0n14	11 25	6 35	5 52	0 1	12 56	1 16	12 30	1 40	23 42	0 32	10 32	1 55	34 20	15 23	2 49	3 4	0 14		n.a.
S 9	1 36	24 31	4 13	1 32	0 34	11 6	6 27	6 10	0 0	12 52	1 17	12 32	1 40	23 42	0 32	10 32	1 55	34 20	15 23	2 48	3 5	0 10		n.a.
S 10	2 0	20 37	3 26	2 16	0 52	10 45	6 19	6 28	0s 1	12 48	1 17	12 34	1 39	23 42	0 32	10 31	1 55	34 20	15 22	2 48	3 6	0 7		n.a.
M11	2 25	15 57	2 32	2 54	1 10	10 22	6 9	6 46	0 1	12 43	1 17	12 36	1 39	23 42	0 32	10 30	1 55	34 20	15 22	2 47	3 8	0 3		n.a.
T 12	2 49	10 43	1 31	3 27	1 26	9 59	5 59	7 4	0 2	12 39	1 17	12 39	1 39	23 42	0 33	10 30	1 55	34 20	15 22	2 47	3 9	0s 0		n.a.
W13	3 14	5 9	0 27	3 53	1 39	9 35	5 48	7 22	0 3	12 35	1 17	12 41	1 39	23 42	0 33	10 29	1 55	34 19	15 22	2 47	3 10	0 4		n.a.
T 14	3 38	0s35	0s38	4 13	1 51	9 10	5 37	7 40	0 3	12 31	1 17	12 43	1 39	23 42	0 33	10 29	1 55	34 19	15 21	2 47	3 12	0 7		n.a.
F 15	4 2	6 18	1 42	4 26	2 1	8 44	5 25	7 58	0 4	12 27	1 17	12 45	1 39	23 42	0 33	10 28	1 55	34 19	15 21	2 47	3 13	0 11		n.a.
S 16	4 27	11 50	2 41	4 33	2 10	8 18	5 12	8 16	0 5	12 23	1 18	12 48	1 39	23 42	0 33	10 28	1 55	34 19	15 21	2 48	3 14	0 14		n.a.
S 17	4 51	16 59	3 34	4 35	2 16	7 51	4 58	8 33	0 5	12 19	1 18	12 50	1 39	23 42	0 33	10 27	1 55	34 19	15 20	2 49	3 15	0 18		n.a.
M18	5 15	21 31	4 17	4 31	2 21	7 24	4 45	8 51	0 6	12 15	1 18	12 52	1 38	23 42	0 33	10 27	1 55	34 18	15 20	2 50	3 17	0 21		n.a.
T 19	5 39	25 13	4 50	4 22	2 25	6 57	4 30	9 9	0 7	12 11	1 18	12 54	1 38	23 42	0 33	10 26	1 55	34 18	15 20	2 52	3 18	0 25		n.a.
W20	6 3	27 47	5 10	4 9	2 27	6 30	4 16	9 26	0 7	12 7	1 18	12 57	1 38	23 42	0 33	10 25	1 55	34 18	15 19	2 53	3 19	0 28		n.a.
T 21	6 27	29 0	5 15	3 51	2 28	6 4	4 1	9 44	0 8	12 3	1 18	12 59	1 38	23 42	0 33	10 25	1 55	34 18	15 19	2 54	3 20	0 32		n.a.
F 22	6 51	28 40	5 4	3 30	2 27	5 37	3 45	10 1	0 9	11 59	1 19	13 1	1 38	23 42	0 33	10 24	1 55	34 17	15 19	2 55	3 22	0 35		n.a.
S 23	7 15	26 41	4 37	3 7	2 26	5 12	3 30	10 18	0 9	11 55	1 19	13 3	1 38	23 41	0 33	10 24	1 55	34 17	15 18	2 55	3 23	0 38		n.a.
S 24	7 38	23 7	3 53	2 40	2 24	4 46	3 14	10 36	0 10	11 52	1 19	13 6	1 38	23 41	0 33	10 23	1 55	34 17	15 18	2 54	3 24	0 42		n.a.
M25	8 2	18 8	2 55	2 11	2 22	4 22	2 59	10 53	0 11	11 48	1 19	13 8	1 38	23 41	0 33	10 22	1 55	34 17	15 18	2 54	3 26	0 45		n.a.
T 26	8 25	12 1	1 44	1 40	2 18	3 58	2 43	11 10	0 11	11 44	1 19	13 10	1 38	23 41	0 33	10 22	1 55	34 16	15 17	2 53	3 27	0 49		n.a.
W27	8 48	5 5	0 25	1 7	2 14	3 36	2 28	11 27	0 12	11 40	1 19	13 13	1 38	23 41	0 33	10 21	1 55	34 16	15 17	2 53	3 28	0 52		n.a.
T 28	9 11	2n13	0n57	0 33	2 10	3 14	2 12	11 44	0 13	11 36	1 20	13 15	1 37	23 42	0 33	10 21	1 55	34 16	15 17	2 53	3 29	0 56		n.a.
F 29	9 34	9 27	2 16	0s 3	2 5	2 54	1 57	12 1	0 13	11 33	1 20	13 17	1 37	23 42	0 33	10 20	1 55	34 16	15 16	2 54	3 31	0 59		n.a.
S 30	9 57	16 8	3 25	0 40	2 0	2 34	1 42	12 18	0 14	11 29	1 20	13 19	1 37	23 42	0 33	10 19	1 55	34 15	15 16	2 55	3 32	1 3		n.a.
S 31	10s20	21n46	4n18	1s17	1n54	2s16	1s27	12s34	0s15	11n25	1n20	13s22	1n37	23n42	0n33	10n19	1s55	34s15	15s16	2s57	3s33	1s 6		n.a.

Julian Day Number = 1209981.5, Delta T = 09h13m56s
Ecliptic obliquity = 23°51'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°23'49, Lahiri = -23°16'49 Julian Calendar 1 Oct. 1401 BCE == Greg. Calendar 19 Sept. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

NOVEMBER 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 51 48	27♎20'01	3♊ 5	8♎53	2°R10	2♏40	4♍15	9♏34	13°R43	1°R13	4♒24	22°R36	21♓ 8	0♎54	n.a.	M 1
T 2	1 55 44	28°21'13	17°13	10°17	2♎ 4	3°25	4°26	9°41	13♋43	1♉12	4°24	22♓30	21° 5	1° 1	n.a.	T 2
W 3	1 59 41	29°22'26	0♋53	11°41	2° 0	4°11	4°36	9°48	13°43	1°10	4°24	22°26	21° 2	1° 7	n.a.	W 3
T 4	2 3 38	0♏23'40	14° 5	13° 7	1°D59	4°56	4°45	9°55	13°43	1° 8	4°24	22°23	20°59	1°14	n.a.	T 4
F 5	2 7 34	1°24'55	26°50	14°34	2° 0	5°42	4°55	10° 2	13°42	1° 6	4°24	22°D21	20°55	1°21	n.a.	F 5
S 6	2 11 31	2°26'10	9♌14	16° 1	2° 4	6°28	5° 5	10° 8	13°42	1° 5	4°24	22°21	20°52	1°27	n.a.	S 6
S 7	2 15 27	3°27'26	21°21	17°29	2°10	7°14	5°15	10°15	13°42	1° 3	4°24	22°23	20°49	1°34	n.a.	S 7
M 8	2 19 24	4°28'43	3♍16	18°58	2°18	7°59	5°24	10°22	13°41	1° 1	4°24	22°24	20°46	1°41	n.a.	M 8
T 9	2 23 20	5°30'00	15° 4	20°27	2°29	8°45	5°34	10°29	13°41	1° 0	4°25	22°26	20°43	1°47	n.a.	T 9
W10	2 27 17	6°31'18	26°49	21°56	2°41	9°31	5°43	10°36	13°40	0°58	4°25	22°R26	20°40	1°54	n.a.	W10
T 11	2 31 14	7°32'37	8♎37	23°26	2°56	10°17	5°52	10°43	13°40	0°56	4°25	22°24	20°36	2° 1	n.a.	T 11
F 12	2 35 10	8°33'56	20°29	24°57	3°13	11° 3	6° 1	10°50	13°39	0°55	4°25	22°20	20°33	2° 7	n.a.	F 12
S 13	2 39 7	9°35'15	2♏29	26°27	3°33	11°49	6°10	10°57	13°39	0°53	4°26	22°14	20°30	2°14	n.a.	S 13
S 14	2 43 3	10°36'35	14°38	27°58	3°54	12°35	6°19	11° 4	13°38	0°51	4°26	22° 6	20°27	2°20	n.a.	S 14
M15	2 47 0	11°37'54	26°57	29°30	4°17	13°21	6°28	11°11	13°37	0°49	4°26	21°56	20°24	2°27	n.a.	M15
T 16	2 50 56	12°39'14	9♐26	1♏ 1	4°41	14° 7	6°36	11°18	13°36	0°48	4°27	21°46	20°20	2°34	n.a.	T 16
W17	2 54 53	13°40'34	22° 8	2°33	5° 8	14°53	6°45	11°25	13°35	0°46	4°27	21°37	20°17	2°40	n.a.	W17
T 18	2 58 49	14°41'54	5♑ 1	4° 5	5°36	15°40	6°53	11°32	13°35	0°44	4°28	21°29	20°14	2°47	n.a.	T 18
F 19	3 2 46	15°43'14	18° 7	5°38	6° 6	16°26	7° 1	11°39	13°34	0°43	4°28	21°23	20°11	2°54	n.a.	F 19
S 20	3 6 43	16°44'33	1♒26	7°11	6°37	17°12	7° 9	11°46	13°33	0°41	4°29	21°19	20° 8	3° 0	n.a.	S 20
S 21	3 10 39	17°45'52	15° 1	8°44	7°10	17°59	7°17	11°53	13°31	0°40	4°29	21°D18	20° 5	3° 7	n.a.	S 21
M22	3 14 36	18°47'10	28°52	10°17	7°45	18°45	7°25	12° 0	13°30	0°38	4°30	21°18	20° 1	3°14	n.a.	M22
T 23	3 18 32	19°48'28	13♓ 0	11°51	8°21	19°31	7°33	12° 7	13°29	0°36	4°30	21°19	19°58	3°20	n.a.	T 23
W24	3 22 29	20°49'46	27°24	13°25	8°58	20°18	7°40	12°14	13°28	0°35	4°31	21°R19	19°55	3°27	n.a.	W24
T 25	3 26 25	21°51'03	12♈ 3	14°59	9°36	21° 4	7°48	12°21	13°27	0°33	4°31	21°17	19°52	3°34	n.a.	T 25
F 26	3 30 22	22°52'19	26°50	16°34	10°16	21°51	7°55	12°28	13°25	0°32	4°32	21°13	19°49	3°40	n.a.	F 26
S 27	3 34 19	23°53'35	11♉40	18° 9	10°57	22°37	8° 2	12°35	13°24	0°30	4°32	21° 6	19°46	3°47	n.a.	S 27
S 28	3 38 15	24°54'51	26°24	19°44	11°39	23°24	8° 9	12°42	13°23	0°29	4°33	20°57	19°42	3°54	n.a.	S 28
M29	3 42 12	25°56'06	10♊54	21°20	12°22	24°10	8°16	12°49	13°21	0°27	4°34	20°46	19°39	4° 0	n.a.	M29
T 30	3 46 8	26♏57'21	25♊ 3	22♏56	13♎ 6	24♏57	8♍23	12♏56	13♋20	0♉26	4♒35	20♓35	19♓36	4♎ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	10s42	25n57	4n54	1s56	1n48	1s59	1s13	12s51	0s15	11n22	1n20	13s24	1n37	23n42	0n33	10n18	1s55	34s15	15s15	2s59	3s34	1s10		n.a.
T 2	11 5	28 23	5 10	2 35	1 42	1 44	0 59	13 7	0 16	11 18	1 21	13 26	1 37	23 42	0 33	10 18	1 55	34 14	15 15	3 1	3 36	1 13		n.a.
W 3	11 27	29 0	5 8	3 14	1 36	1 29	0 45	13 24	0 17	11 15	1 21	13 29	1 37	23 42	0 33	10 17	1 55	34 14	15 15	3 3	3 37	1 17		n.a.
T 4	11 49	27 54	4 50	3 54	1 29	1 17	0 31	13 40	0 17	11 11	1 21	13 31	1 37	23 42	0 33	10 16	1 55	34 14	15 14	3 5	3 38	1 20		n.a.
F 5	12 10	25 22	4 17	4 34	1 23	1 5	0 18	13 56	0 18	11 8	1 21	13 33	1 37	23 42	0 33	10 16	1 55	34 13	15 14	3 5	3 40	1 24		n.a.
S 6	12 32	21 41	3 33	5 15	1 16	0 55	0 5	14 12	0 19	11 4	1 21	13 35	1 37	23 42	0 33	10 15	1 55	34 13	15 14	3 5	3 41	1 27		n.a.
S 7	12 53	17 10	2 41	5 55	1 9	0 46	0n 7	14 28	0 19	11 1	1 22	13 38	1 37	23 42	0 34	10 15	1 55	34 13	15 13	3 5	3 42	1 31		n.a.
M 8	13 14	12 4	1 42	6 36	1 2	0 38	0 19	14 44	0 20	10 58	1 22	13 40	1 37	23 42	0 34	10 14	1 55	34 12	15 13	3 4	3 43	1 34		n.a.
T 9	13 35	6 36	0 40	7 16	0 55	0 32	0 31	14 59	0 20	10 54	1 22	13 42	1 36	23 42	0 34	10 14	1 55	34 12	15 13	3 3	3 45	1 38		n.a.
W10	13 56	0 55	0s24	7 57	0 48	0 27	0 42	15 15	0 21	10 51	1 22	13 45	1 36	23 42	0 34	10 13	1 55	34 11	15 12	3 3	3 46	1 41		n.a.
T 11	14 16	4s48	1 27	8 37	0 41	0 23	0 52	15 30	0 22	10 48	1 22	13 47	1 36	23 42	0 34	10 12	1 55	34 11	15 12	3 4	3 47	1 45		n.a.
F 12	14 36	10 23	2 26	9 18	0 34	0 21	1 3	15 46	0 22	10 44	1 23	13 49	1 36	23 42	0 34	10 12	1 55	34 11	15 12	3 6	3 48	1 48		n.a.
S 13	14 56	15 39	3 19	9 58	0 27	0 19	1 13	16 1	0 23	10 41	1 23	13 51	1 36	23 43	0 34	10 11	1 55	34 10	15 11	3 8	3 50	1 52		n.a.
S 14	15 16	20 23	4 4	10 37	0 20	0 19	1 22	16 16	0 24	10 38	1 23	13 54	1 36	23 43	0 34	10 11	1 55	34 10	15 11	3 11	3 51	1 55		n.a.
M15	15 35	24 19	4 38	11 17	0 13	0 20	1 31	16 31	0 24	10 35	1 23	13 56	1 36	23 43	0 34	10 10	1 55	34 9	15 11	3 15	3 52	1 59		n.a.
T 16	15 55	27 11	4 59	11 56	0 7	0 22	1 40	16 45	0 25	10 32	1 24	13 58	1 36	23 43	0 34	10 9	1 55	34 9	15 10	3 19	3 54	2 2		n.a.
W17	16 13	28 43	5 6	12 35	0s 0	0 25	1 48	17 0	0 26	10 29	1 24	14 0	1 36	23 43	0 34	10 9	1 55	34 9	15 10	3 23	3 55	2 6		n.a.
T 18	16 32	28 43	4 58	13 13	0 7	0 29	1 56	17 14	0 26	10 26	1 24	14 3	1 36	23 43	0 34	10 8	1 55	34 8	15 10	3 26	3 56	2 9		n.a.
F 19	16 50	27 8	4 34	13 51	0 14	0 34	2 4	17 28	0 27	10 23	1 24	14 5	1 36	23 43	0 34	10 8	1 55	34 8	15 9	3 29	3 57	2 13		n.a.
S 20	17 8	24 0	3 55	14 28	0 20	0 40	2 11	17 42	0 28	10 20	1 25	14 7	1 36	23 43	0 34	10 7	1 55	34 7	15 9	3 30	3 59	2 16		n.a.
S 21	17 26	19 30	3 2	15 5	0 27	0 47	2 18	17 56	0 28	10 18	1 25	14 9	1 36	23 44	0 34	10 7	1 55	34 7	15 9	3 30	4 0	2 20		n.a.
M22	17 43	13 54	1 57	15 41	0 33	0 55	2 25	18 10	0 29	10 15	1 25	14 11	1 36	23 44	0 34	10 6	1 55	34 6	15 9	3 30	4 1	2 23		n.a.
T 23	18 0	7 28	0 44	16 17	0 39	1 4	2 31	18 24	0 29	10 12	1 25	14 14	1 36	23 44	0 34	10 6	1 55	34 6	15 8	3 30	4 2	2 26		n.a.
W24	18 17	0 33	0n33	16 52	0 45	1 13	2 37	18 37	0 30	10 10	1 26	14 16	1 36	23 44	0 34	10 5	1 55	34 5	15 8	3 30	4 4	2 30		n.a.
T 25	18 33	6n30	1 48	17 26	0 51	1 23	2 42	18 50	0 31	10 7	1 26	14 18	1 36	23 44	0 34	10 5	1 55	34 5	15 8	3 31	4 5	2 33		n.a.
F 26	18 49	13 16	2 58	18 0	0 57	1 34	2 48	19 3	0 31	10 5	1 26	14 20	1 36	23 44	0 34	10 4	1 55	34 5	15 7	3 32	4 6	2 37		n.a.
S 27	19 5	19 19	3 55	18 32	1 3	1 46	2 52	19 16	0 32	10 2	1 26	14 22	1 36	23 45	0 34	10 3	1 55	34 4	15 7	3 35	4 7	2 40		n.a.
S 28	19 20	24 9	4 36	19 4	1 8	1 59	2 57	19 28	0 32	10 0	1 27	14 24	1 36	23 45	0 34	10 3	1 55	34 4	15 7	3 39	4 9	2 44		n.a.
M29	19 35	27 24	4 59	19 36	1 14	2 12	3 1	19 41	0 33	9 57	1 27	14 27	1 36	23 45	0 34	10 2	1 55	34 3	15 6	3 43	4 10	2 47		n.a.
T 30	19s49	28n48	5n 2	20s 6	1s19	2s26	3n 5	19s53	0s34	9n55	1n27	14s29	1n36	23n45	0n34	10n 2	1s55	34s 3	15s 6	3s48	4s11	2s51		n.a.

Julian Day Number = 1210012.5, Delta T = 09h13m54s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°23'45, Lahiri = -23°16'45 Julian Calendar 1 Nov. 1401 BCE == Greg. Calendar 20 Oct. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1401 BCE
geocentric

DECEMBER 1401 BCE (-1400) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 50 5	27♏58'36	8♋47	24♏33	13♎52	25♏43	8♍29	13♏ 3	13°R18	0°R24	4♒35	20°R25	19♓33	4♎14	n.a.	W 1
T 2	3 54 1	28°59'50	22° 4	26°10	14°38	26°30	8°36	13°10	13♋16	0♉23	4°36	20♓17	19°30	4°20	n.a.	T 2
F 3	3 57 58	0♐ 1'04	4♌54	27°47	15°25	27°17	8°42	13°16	13°15	0°21	4°37	20°12	19°26	4°27	n.a.	F 3
S 4	4 1 54	1° 2'18	17°22	29°25	16°13	28° 3	8°48	13°23	13°13	0°20	4°38	20° 9	19°23	4°34	n.a.	S 4
S 5	4 5 51	2° 3'31	29°31	1♐ 4	17° 2	28°50	8°54	13°30	13°11	0°18	4°38	20°D 8	19°20	4°40	n.a.	S 5
M 6	4 9 48	3° 4'43	11♍27	2°43	17°52	29°37	9° 0	13°37	13°10	0°17	4°39	20° 8	19°17	4°47	n.a.	M 6
T 7	4 13 44	4° 5'56	23°16	4°23	18°43	0♐24	9° 5	13°43	13° 8	0°16	4°40	20°R 8	19°14	4°53	n.a.	T 7
W 8	4 17 41	5° 7'07	5♎ 2	6° 3	19°35	1°10	9°11	13°50	13° 6	0°14	4°41	20° 7	19°11	5° 0	n.a.	W 8
T 9	4 21 37	6° 8'19	16°52	7°43	20°27	1°57	9°16	13°57	13° 4	0°13	4°42	20° 4	19° 7	5° 7	n.a.	T 9
F 10	4 25 34	7° 9'29	28°48	9°24	21°20	2°44	9°21	14° 3	13° 2	0°12	4°43	19°58	19° 4	5°13	n.a.	F 10
S 11	4 29 30	8°10'39	10♏56	11° 6	22°13	3°31	9°26	14°10	13° 0	0°10	4°44	19°49	19° 1	5°20	n.a.	S 11
S 12	4 33 27	9°11'48	23°17	12°48	23° 7	4°18	9°31	14°17	12°58	0° 9	4°45	19°38	18°58	5°27	n.a.	S 12
M13	4 37 24	10°12'57	5♐51	14°31	24° 2	5° 5	9°36	14°23	12°56	0° 8	4°46	19°25	18°55	5°33	n.a.	M13
T 14	4 41 20	11°14'04	18°41	16°14	24°58	5°52	9°40	14°30	12°54	0° 7	4°47	19°10	18°52	5°40	n.a.	T 14
W15	4 45 17	12°15'10	1♑43	17°58	25°54	6°39	9°45	14°36	12°52	0° 5	4°48	18°57	18°48	5°47	n.a.	W15
T 16	4 49 13	13°16'16	14°58	19°42	26°50	7°26	9°49	14°43	12°50	0° 4	4°49	18°45	18°45	5°53	n.a.	T 16
F 17	4 53 10	14°17'20	28°23	21°27	27°48	8°13	9°53	14°49	12°47	0° 3	4°50	18°36	18°42	6° 0	n.a.	F 17
S 18	4 57 6	15°18'22	11♒58	23°11	28°45	9° 0	9°56	14°56	12°45	0° 2	4°51	18°30	18°39	6° 7	n.a.	S 18
S 19	5 1 3	16°19'24	25°41	24°56	29°43	9°47	10° 0	15° 2	12°43	0° 1	4°52	18°27	18°36	6°13	n.a.	S 19
M20	5 4 59	17°20'23	9♓33	26°42	0♏42	10°34	10° 4	15° 8	12°41	29♈59	4°53	18°26	18°32	6°20	n.a.	M20
T 21	5 8 56	18°21'21	23°33	28°27	1°41	11°21	10° 7	15°15	12°38	29°59	4°54	18°26	18°29	6°27	n.a.	T 21
W22	5 12 53	19°22'18	7♈42	0♑12	2°40	12° 8	10°10	15°21	12°36	29°58	4°55	18°26	18°26	6°33	n.a.	W22
T 23	5 16 49	20°23'12	21°58	1°57	3°40	12°55	10°13	15°27	12°34	29°57	4°57	18°23	18°23	6°40	n.a.	T 23
F 24	5 20 46	21°24'06	6♉18	3°41	4°41	13°42	10°16	15°33	12°31	29°56	4°58	18°18	18°20	6°47	n.a.	F 24
S 25	5 24 42	22°24'58	20°41	5°25	5°41	14°29	10°18	15°39	12°29	29°55	4°59	18°10	18°17	6°53	n.a.	S 25
S 26	5 28 39	23°25'48	4♊59	7° 7	6°42	15°16	10°20	15°45	12°27	29°54	5° 0	17°59	18°13	7° 0	n.a.	S 26
M27	5 32 35	24°26'37	19° 8	8°48	7°44	16° 3	10°23	15°51	12°24	29°53	5° 1	17°47	18°10	7° 7	n.a.	M27
T 28	5 36 32	25°27'24	3♋ 2	10°28	8°46	16°51	10°25	15°57	12°22	29°53	5° 3	17°34	18° 7	7°13	n.a.	T 28
W29	5 40 29	26°28'10	16°36	12° 5	9°48	17°38	10°26	16° 3	12°19	29°52	5° 4	17°22	18° 4	7°20	n.a.	W29
T 30	5 44 25	27°28'54	29°48	13°40	10°50	18°25	10°28	16° 9	12°17	29°51	5° 5	17°12	18° 1	7°27	n.a.	T 30
F 31	5 48 22	28♐29'37	12♌38	15♑12	11♏53	19♐12	10♍29	16♏15	12♋14	29♈50	5♒ 6	17♓ 5	17♓58	7♎33	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s 3	28n21	4n48	20s35	1s23	2s40	3n 9	20s 5	0s34	9n53	1n27	14s31	1n36	23n45	0n34	10n 1	1s55	34s 2	15s 6	3s52	4s13	2s54		n.a.
T 2	20 17	26 16	4 18	21 4	1 28	2 55	3 12	20 17	0 35	9 50	1 28	14 33	1 36	23 45	0 34	10 1	1 55	34 2	15 5	3 55	4 14	2 58		n.a.
F 3	20 31	22 52	3 36	21 31	1 32	3 10	3 16	20 28	0 35	9 48	1 28	14 35	1 36	23 46	0 34	10 1	1 55	34 1	15 5	3 57	4 15	3 1		n.a.
S 4	20 44	18 31	2 45	21 57	1 37	3 27	3 19	20 40	0 36	9 46	1 28	14 37	1 36	23 46	0 34	10 0	1 55	34 1	15 5	3 58	4 16	3 5		n.a.
S 5	20 56	13 31	1 47	22 22	1 41	3 43	3 21	20 51	0 37	9 44	1 28	14 39	1 36	23 46	0 35	10 0	1 55	34 0	15 5	3 59	4 18	3 8		n.a.
M 6	21 9	8 6	0 46	22 46	1 44	4 0	3 24	21 2	0 37	9 42	1 29	14 41	1 35	23 46	0 35	9 59	1 55	34 0	15 4	3 58	4 19	3 12		n.a.
T 7	21 20	2 28	0s17	23 9	1 47	4 18	3 26	21 13	0 38	9 40	1 29	14 43	1 35	23 46	0 35	9 59	1 55	33 59	15 4	3 58	4 20	3 15		n.a.
W 8	21 32	3s14	1 18	23 30	1 50	4 35	3 28	21 23	0 38	9 39	1 29	14 45	1 35	23 47	0 35	9 58	1 55	33 59	15 4	3 59	4 21	3 19		n.a.
T 9	21 43	8 50	2 17	23 51	1 53	4 54	3 29	21 33	0 39	9 37	1 30	14 47	1 35	23 47	0 35	9 58	1 54	33 58	15 3	4 0	4 23	3 22		n.a.
F 10	21 53	14 11	3 10	24 9	1 55	5 12	3 31	21 43	0 40	9 35	1 30	14 49	1 35	23 47	0 35	9 57	1 54	33 58	15 3	4 2	4 24	3 25		n.a.
S 11	22 3	19 4	3 55	24 26	1 57	5 31	3 32	21 53	0 40	9 33	1 30	14 51	1 35	23 47	0 35	9 57	1 54	33 57	15 3	4 6	4 25	3 29		n.a.
S 12	22 13	23 15	4 29	24 42	1 59	5 51	3 33	22 3	0 41	9 32	1 30	14 53	1 35	23 48	0 35	9 57	1 54	33 57	15 3	4 11	4 26	3 32		n.a.
M13	22 22	26 27	4 52	24 56	2 0	6 10	3 34	22 12	0 41	9 30	1 31	14 55	1 36	23 48	0 35	9 56	1 54	33 56	15 2	4 16	4 28	3 36		n.a.
T 14	22 31	28 21	5 0	25 9	2 1	6 30	3 35	22 21	0 42	9 29	1 31	14 57	1 36	23 48	0 35	9 56	1 54	33 56	15 2	4 21	4 29	3 39		n.a.
W15	22 40	28 44	4 53	25 19	2 1	6 50	3 35	22 30	0 42	9 27	1 31	14 59	1 36	23 48	0 35	9 55	1 54	33 55	15 2	4 27	4 30	3 43		n.a.
T 16	22 48	27 28	4 30	25 28	2 1	7 11	3 36	22 38	0 43	9 26	1 32	15 1	1 36	23 49	0 35	9 55	1 54	33 55	15 2	4 31	4 32	3 46		n.a.
F 17	22 55	24 37	3 51	25 35	2 0	7 31	3 36	22 47	0 43	9 25	1 32	15 3	1 36	23 49	0 35	9 55	1 54	33 54	15 1	4 35	4 33	3 50		n.a.
S 18	23 2	20 23	3 0	25 40	1 59	7 52	3 36	22 55	0 44	9 24	1 32	15 5	1 36	23 49	0 35	9 54	1 54	33 54	15 1	4 37	4 34	3 53		n.a.
S 19	23 9	15 1	1 57	25 43	1 57	8 13	3 36	23 3	0 45	9 23	1 32	15 7	1 36	23 49	0 35	9 54	1 54	33 53	15 1	4 39	4 35	3 57		n.a.
M20	23 15	8 51	0 47	25 44	1 55	8 34	3 35	23 10	0 45	9 21	1 33	15 8	1 36	23 49	0 35	9 54	1 54	33 52	15 1	4 39	4 37	4 0		n.a.
T 21	23 20	2 11	0n27	25 43	1 52	8 55	3 35	23 17	0 46	9 20	1 33	15 10	1 36	23 50	0 35	9 53	1 54	33 52	15 0	4 39	4 38	4 3		n.a.
W22	23 26	4n38	1 40	25 40	1 49	9 16	3 34	23 24	0 46	9 20	1 33	15 12	1 36	23 50	0 35	9 53	1 54	33 51	15 0	4 39	4 39	4 7		n.a.
T 23	23 30	11 17	2 47	25 35	1 44	9 38	3 33	23 31	0 47	9 19	1 34	15 14	1 36	23 50	0 35	9 53	1 54	33 51	15 0	4 40	4 40	4 10		n.a.
F 24	23 35	17 22	3 44	25 28	1 39	9 59	3 32	23 38	0 47	9 18	1 34	15 16	1 36	23 50	0 35	9 53	1 54	33 50	15 0	4 42	4 42	4 14		n.a.
S 25	23 38	22 31	4 27	25 18	1 33	10 20	3 31	23 44	0 48	9 17	1 34	15 17	1 36	23 51	0 35	9 52	1 54	33 50	15 0	4 46	4 43	4 17		n.a.
S 26	23 42	26 18	4 53	25 7	1 27	10 42	3 30	23 50	0 48	9 17	1 35	15 19	1 36	23 51	0 35	9 52	1 54	33 49	14 59	4 50	4 44	4 21		n.a.
M27	23 45	28 23	5 0	24 53	1 20	11 3	3 28	23 56	0 49	9 16	1 35	15 21	1 36	23 51	0 35	9 52	1 54	33 49	14 59	4 55	4 45	4 24		n.a.
T 28	23 47	28 39	4 49	24 38	1 11	11 25	3 26	24 1	0 49	9 16	1 35	15 23	1 36	23 51	0 35	9 52	1 53	33 48	14 59	5 0	4 47	4 28		n.a.
W29	23 49	27 9	4 23	24 20	1 2	11 46	3 25	24 6	0 50	9 15	1 36	15 24	1 36	23 52	0 35	9 51	1 53	33 48	14 59	5 4	4 48	4 31		n.a.
T 30	23 50	24 10	3 42	24 1	0 52	12 8	3 23	24 11	0 50	9 15	1 36	15 26	1 36	23 52	0 35	9 51	1 53	33 47	14 59	5 8	4 49	4 34		n.a.
F 31	23s51	20n 3	2n51	23s40	0s42	12s29	3n21	24s15	0s51	9n15	1n36	15s28	1n36	23n52	0n35	9n51	1s53	33s47	14s58	5s11	4s50	4s38		n.a.

Julian Day Number = 1210042.5, Delta T = 09h13m52s
Ecliptic obliquity = 23°51'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -22°23'41, Lahiri = -23°16'41 Julian Calendar 1 Dec. 1401 BCE == Greg. Calendar 19 Nov. 1401 BCE

The year -1400 astronomical counting style corresponds to year 1401 B.C.E historical counting style.

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